

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047056.D
 Acq On : 21 Jul 2025 10:08
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 22 03:36:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/22/2025
 Supervised By : Mahesh Dadoda 07/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	319458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	542097	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	488683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	246301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	24550	6.169	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	12.340%#		
35) Dibromofluoromethane	5.403	113	19243	5.749	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.500%#		
50) Toluene-d8	8.652	98	70081	6.465	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	12.940%#		
62) 4-Bromofluorobenzene	11.079	95	27880	5.968	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	11.940%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.184	85	20453	4.820	ug/l	95
3) Chloromethane	1.306	50	21331	5.082	ug/l	97
4) Vinyl Chloride	1.385	62	23623	5.236	ug/l	100
5) Bromomethane	1.617	94	13048	5.324	ug/l	88
6) Chloroethane	1.702	64	15411	5.200	ug/l	98
7) Trichlorofluoromethane	1.904	101	35886	5.334	ug/l	96
8) Diethyl Ether	2.148	74	12607	5.315	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	21422	5.285	ug/l	98
10) Methyl Iodide	2.471	142	15201	3.680	ug/l	93
11) Tert butyl alcohol	2.964	59	17392	28.263	ug/l #	92
12) 1,1-Dichloroethene	2.337	96	21053	5.244	ug/l	91
13) Acrolein	2.251	56	21604	25.213	ug/l	99
14) Allyl chloride	2.678	41	38039	5.242	ug/l	99
15) Acrylonitrile	3.074	53	51340	27.051	ug/l	100
16) Acetone	2.391	43	42718	26.796	ug/l	99
17) Carbon Disulfide	2.526	76	61522	5.297	ug/l	100
18) Methyl Acetate	2.721	43	21905	5.171	ug/l	99
19) Methyl tert-butyl Ether	3.129	73	64256	5.259	ug/l	96
20) Methylene Chloride	2.806	84	23989	5.470	ug/l	93
21) trans-1,2-Dichloroethene	3.111	96	22396	5.451	ug/l	96
22) Diisopropyl ether	3.775	45	76458	5.480	ug/l	97
23) Vinyl Acetate	3.739	43	288230	25.756	ug/l	100
24) 1,1-Dichloroethane	3.623	63	42402	5.465	ug/l	96
25) 2-Butanone	4.574	43	60022	25.858	ug/l	97
26) 2,2-Dichloropropane	4.489	77	32298	5.378	ug/l	97
27) cis-1,2-Dichloroethene	4.507	96	26579	5.463	ug/l	98
28) Bromochloromethane	4.921	49	19435	5.445	ug/l	96
29) Tetrahydrofuran	5.031	42	39885	26.631	ug/l	96
30) Chloroform	5.110	83	43336	5.487	ug/l	93
31) Cyclohexane	5.482	56	38990	5.241	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	36920	5.382	ug/l	98
36) 1,1-Dichloropropene	5.702	75	28590	5.011	ug/l	98
37) Ethyl Acetate	4.739	43	29112m	5.790	ug/l	
38) Carbon Tetrachloride	5.690	117	33199	5.452	ug/l	97
39) Methylcyclohexane	7.384	83	37547	5.271	ug/l	95
40) Benzene	6.049	78	89797	5.438	ug/l	98

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 Acq On : 21 Jul 2025 10:08
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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/22/2025
 Supervised By : Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:36:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	14018	5.100	ug/l	98
42) 1,2-Dichloroethane	6.092	62	31844	5.475	ug/l	96
43) Isopropyl Acetate	6.354	43	42946	5.240	ug/l	95
44) Trichloroethene	7.134	130	23153	5.468	ug/l	81
45) 1,2-Dichloropropane	7.439	63	22722	5.494	ug/l	93
46) Dibromomethane	7.592	93	16479	5.682	ug/l	97
47) Bromodichloromethane	7.823	83	33939	5.498	ug/l	99
48) Methyl methacrylate	7.701	41	21660	4.851	ug/l	99
49) 1,4-Dioxane	7.671	88	5549	109.271	ug/l #	92
51) 4-Methyl-2-Pentanone	8.573	43	129413	26.565	ug/l	97
52) Toluene	8.720	92	56775	5.592	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	29776	5.108	ug/l	94
54) cis-1,3-Dichloropropene	8.372	75	33127	5.193	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	21223	5.574	ug/l	97
56) Ethyl methacrylate	9.116	69	28587	5.072	ug/l	96
57) 1,3-Dichloropropane	9.311	76	37251	5.629	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	97443	31.066	ug/l	98
59) 2-Hexanone	9.433	43	84572	26.276	ug/l	99
60) Dibromochloromethane	9.518	129	24354	5.454	ug/l	99
61) 1,2-Dibromoethane	9.610	107	21578	5.420	ug/l	98
64) Tetrachloroethene	9.274	164	19701	5.592	ug/l	96
65) Chlorobenzene	10.079	112	63268	5.526	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.164	131	20300	5.267	ug/l	99
67) Ethyl Benzene	10.195	91	106984	5.345	ug/l	96
68) m/p-Xylenes	10.299	106	80835	10.791	ug/l	99
69) o-Xylene	10.640	106	40071	5.623	ug/l	94
70) Styrene	10.658	104	66283	5.424	ug/l	100
71) Bromoform	10.798	173	15763	5.384	ug/l #	97
73) Isopropylbenzene	10.963	105	102157	5.257	ug/l	97
74) N-amyl acetate	10.841	43	36965	4.769	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	29627	5.338	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	25285m	5.546	ug/l	
77) Bromobenzene	11.195	156	24549	5.267	ug/l	95
78) n-propylbenzene	11.304	91	124648	5.368	ug/l	100
79) 2-Chlorotoluene	11.365	91	74781	5.387	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	86414	5.383	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7407	4.186	ug/l	86
82) 4-Chlorotoluene	11.457	91	88304	5.450	ug/l	99
83) tert-Butylbenzene	11.713	119	84560	5.248	ug/l	97
84) 1,2,4-Trimethylbenzene	11.749	105	87289	5.451	ug/l	99
85) sec-Butylbenzene	11.890	105	110255	5.477	ug/l	100
86) p-Isopropyltoluene	12.006	119	91112	5.457	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	48466	5.473	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	48817	5.441	ug/l	95
89) n-Butylbenzene	12.329	91	81710	5.219	ug/l	99
90) Hexachloroethane	12.536	117	14794	4.953	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	46129	5.450	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	5485	5.148	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	29296	5.239	ug/l	99
94) Hexachlorobutadiene	13.719	225	9742	5.122	ug/l	91
95) Naphthalene	13.774	128	79568	4.854	ug/l	99
96) 1,2,3-Trichlorobenzene	13.962	180	27584	5.120	ug/l	98

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Data File : VX047056.D
Acq On : 21 Jul 2025 10:08
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

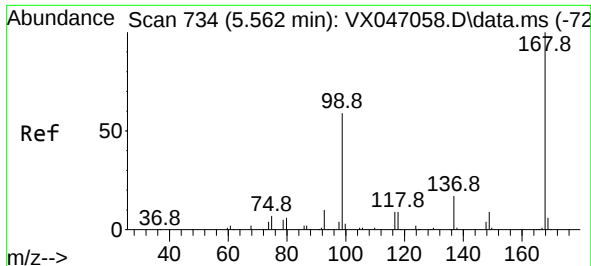
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:36:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:35:16 2025
Response via : Initial Calibration

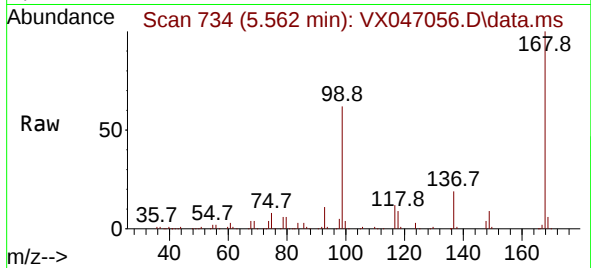
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

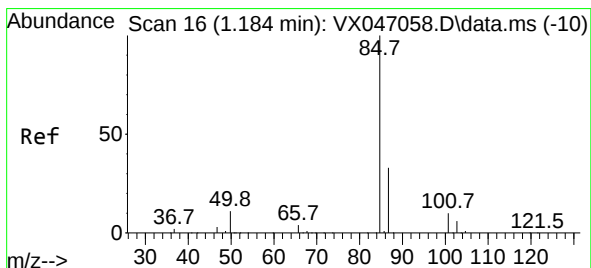
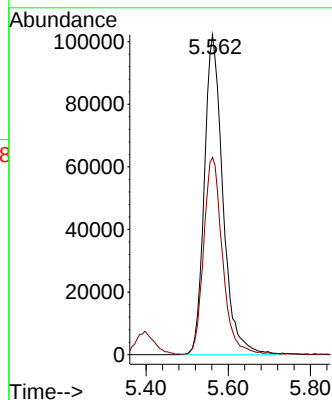
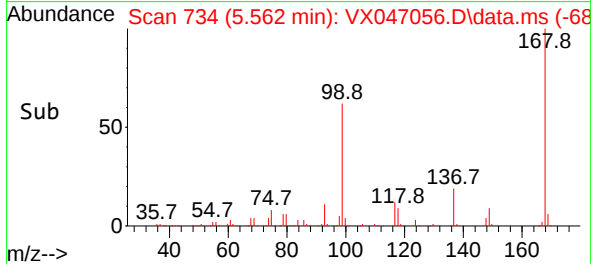
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:168 Resp: 319458
Ion Ratio Lower Upper
168 100
99 61.5 48.0 72.0

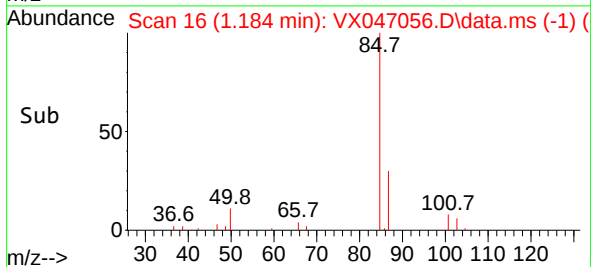
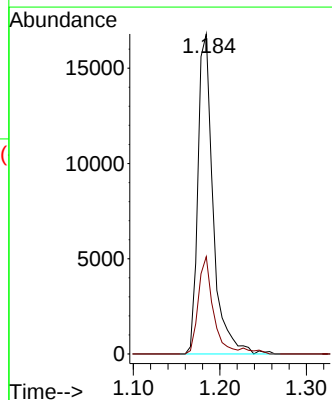
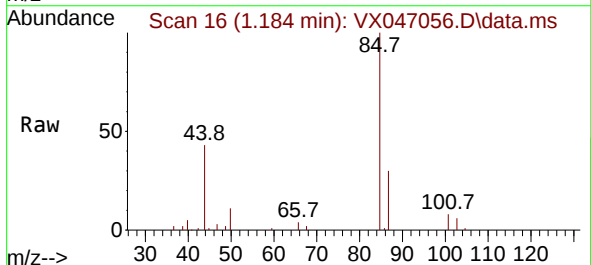
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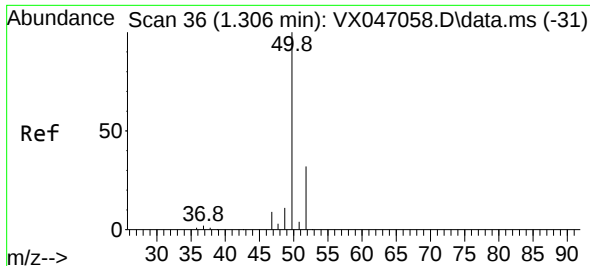
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#2
Dichlorodifluoromethane
Concen: 4.820 ug/l
RT: 1.184 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

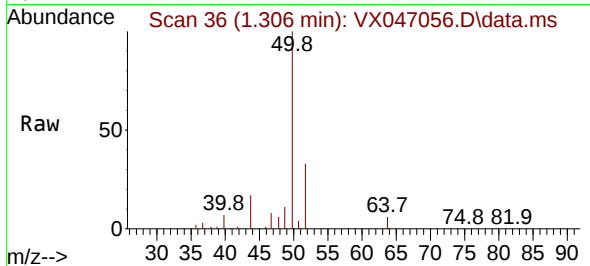
Tgt Ion: 85 Resp: 20453
Ion Ratio Lower Upper
85 100
87 30.4 16.6 49.8





#3
Chloromethane
Concen: 5.082 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

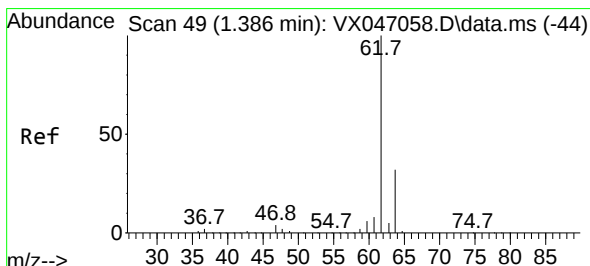
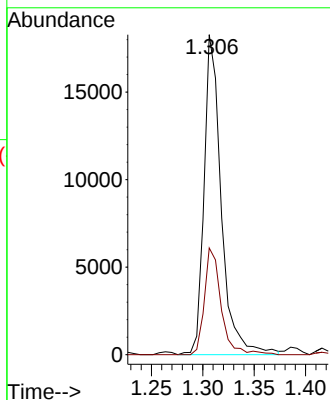
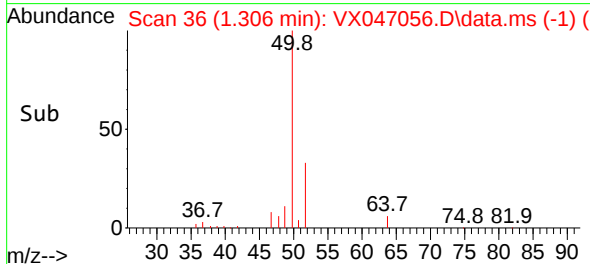
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 2133
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2

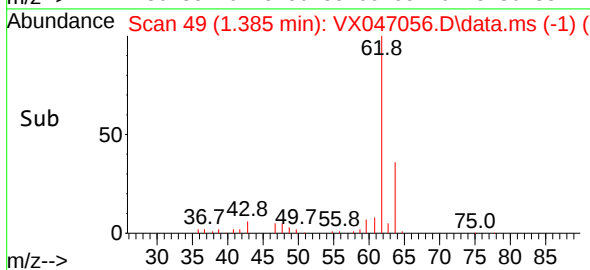
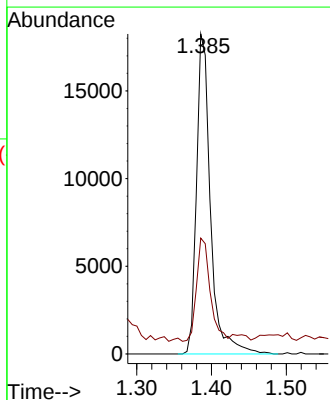
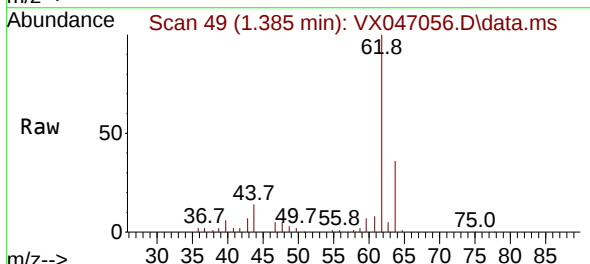
Manual Integrations
APPROVED

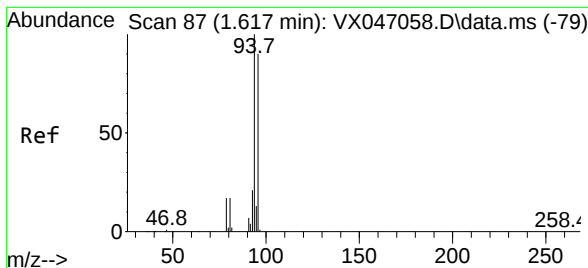
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#4
Vinyl Chloride
Concen: 5.236 ug/l
RT: 1.385 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

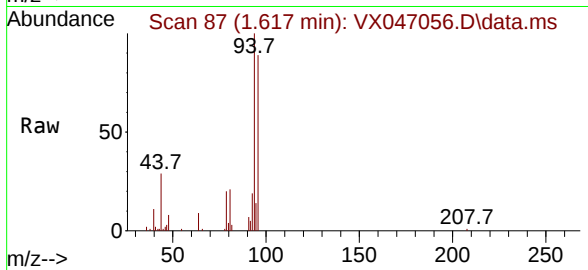
Tgt Ion: 62 Resp: 23623
Ion Ratio Lower Upper
62 100
64 31.3 25.2 37.8





#5
Bromomethane
Concen: 5.324 ug/l
RT: 1.617 min Scan# 87
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

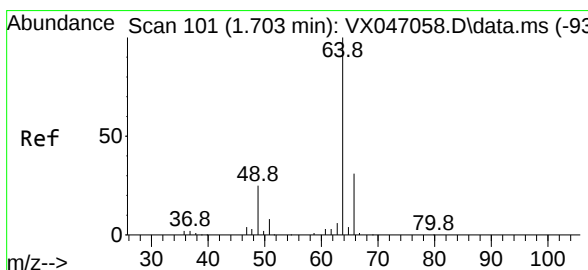
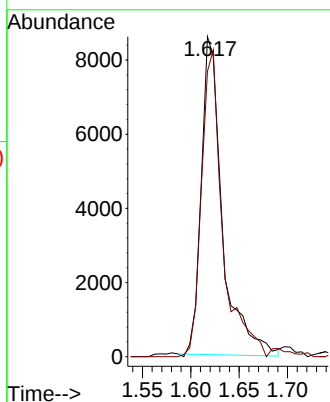
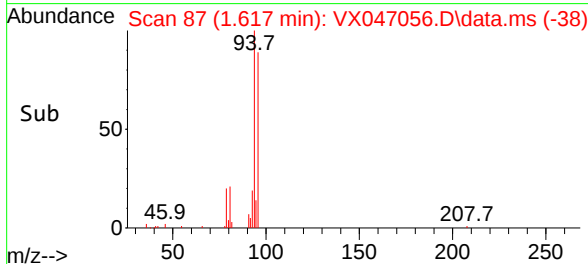
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



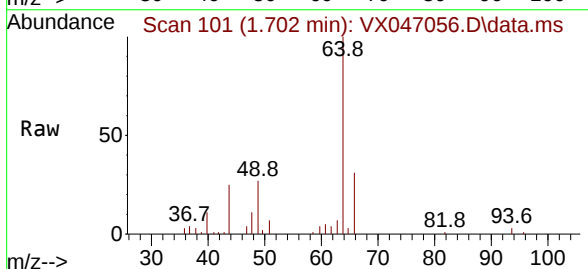
Tgt Ion: 94 Resp: 1304
Ion Ratio Lower Upper
94 100
96 79.1 72.3 108.5

Manual Integrations
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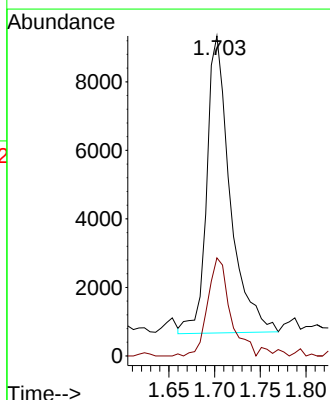
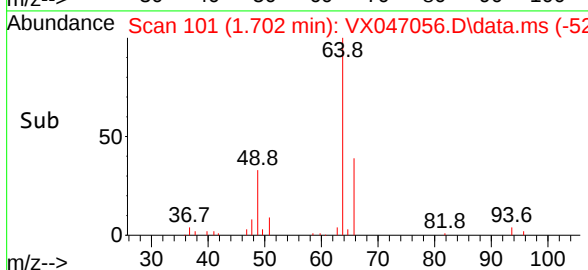
Reviewed By :John Carlone 07/22/2025
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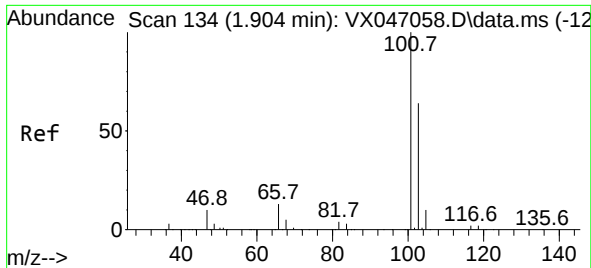


#6
Chloroethane
Concen: 5.200 ug/l
RT: 1.702 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08



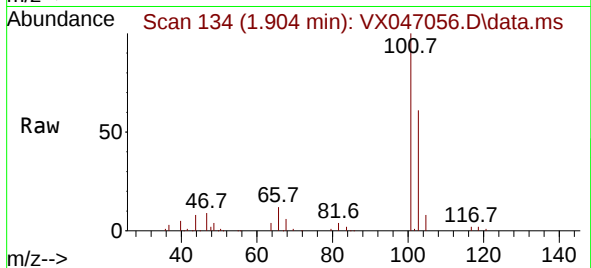
Tgt Ion: 64 Resp: 15411
Ion Ratio Lower Upper
64 100
66 32.5 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 5.334 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047056.D
 Acq: 21 Jul 2025 10:08

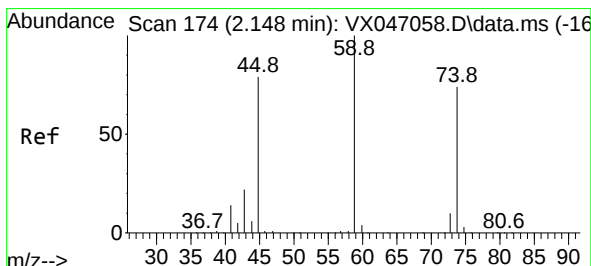
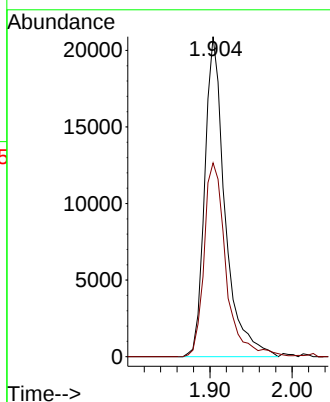
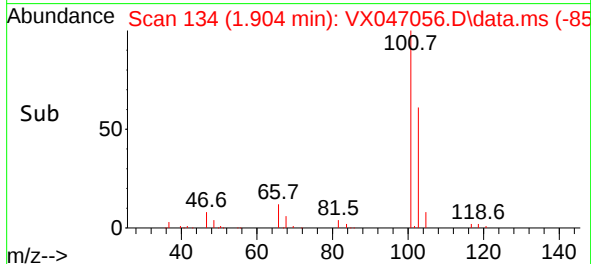
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



Tgt Ion:101 Resp: 3588
 Ion Ratio Lower Upper
 101 100
 103 60.5 50.9 76.3

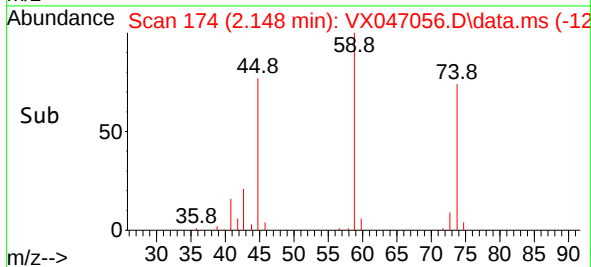
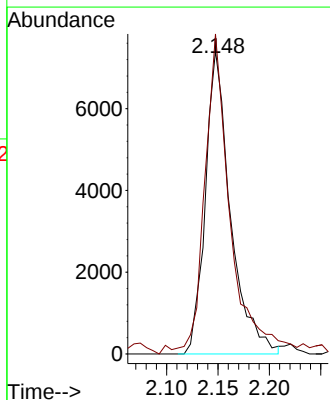
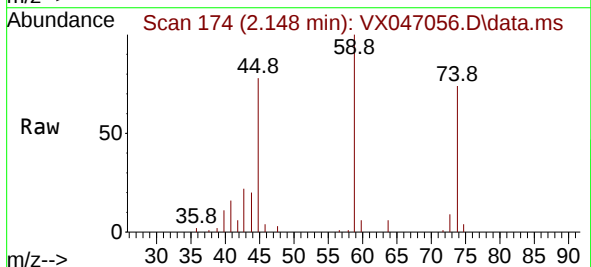
Manual Integrations
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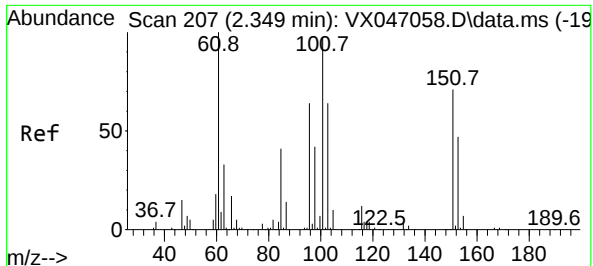
Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025



#8
 Diethyl Ether
 Concen: 5.315 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. -0.000 min
 Lab File: VX047056.D
 Acq: 21 Jul 2025 10:08

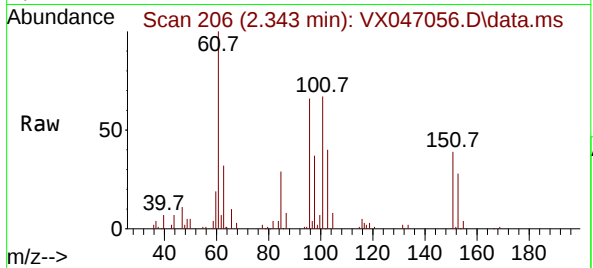
Tgt Ion: 74 Resp: 12607
 Ion Ratio Lower Upper
 74 100
 45 107.9 53.0 159.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.285 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

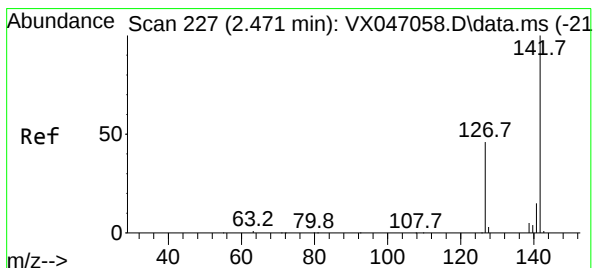
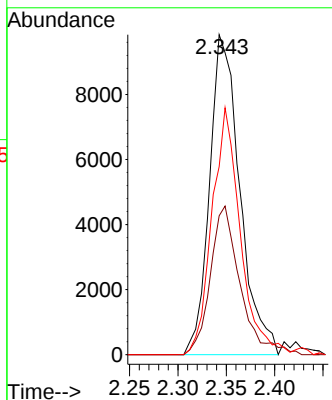
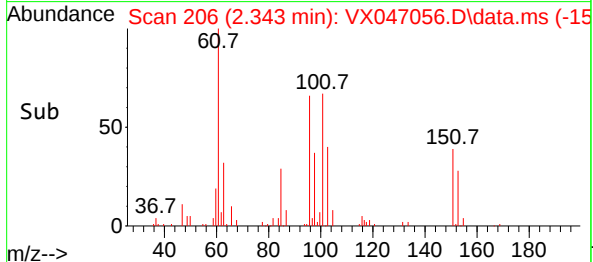
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:101 Resp: 2142
Ion Ratio Lower Upper
101 100
85 45.7 35.4 53.0
151 72.1 59.2 88.8

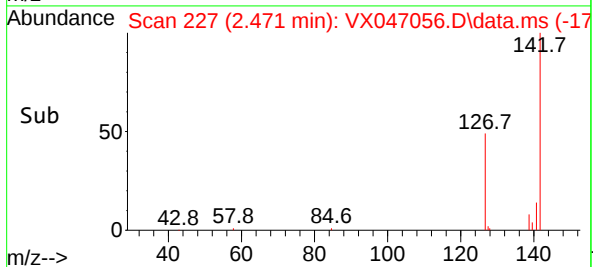
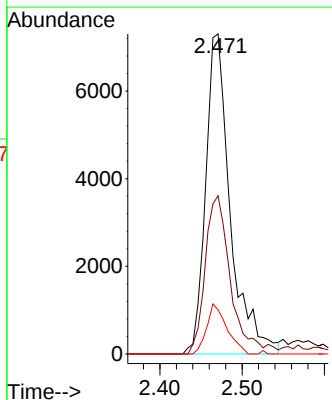
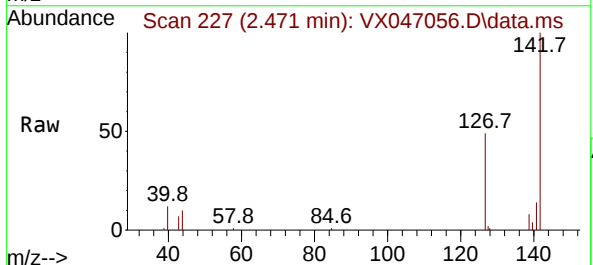
Manual Integrations
APPROVED

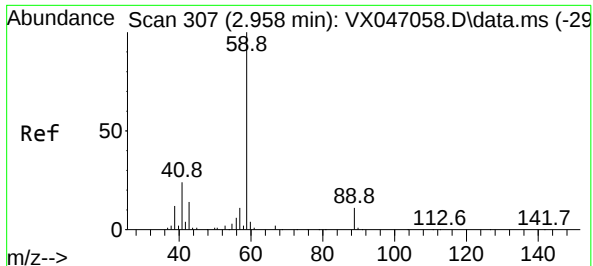
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#10
Methyl Iodide
Concen: 3.680 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

Tgt Ion:142 Resp: 15201
Ion Ratio Lower Upper
142 100
127 51.0 36.6 54.8
141 12.8 10.9 16.3





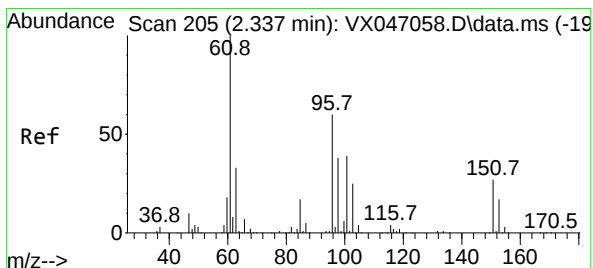
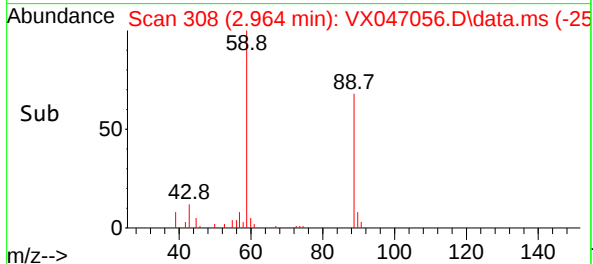
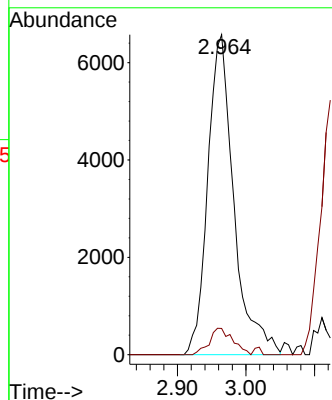
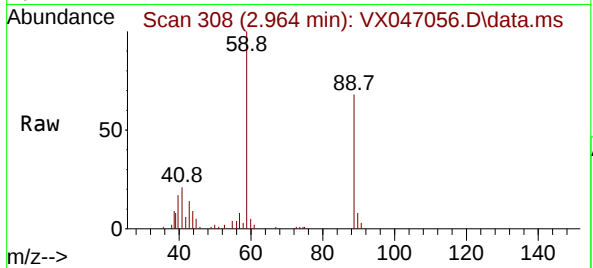
#11
Tert butyl alcohol
Concen: 28.263 ug/l
RT: 2.964 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 17392
Ion Ratio Lower Upper
59 100
57 7.4 8.5 12.7

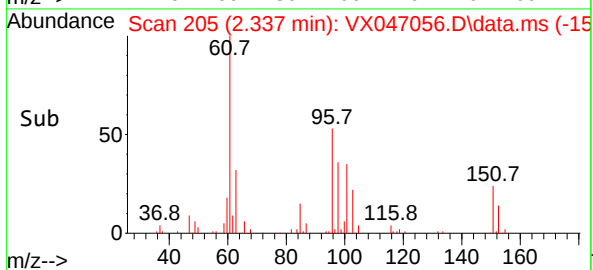
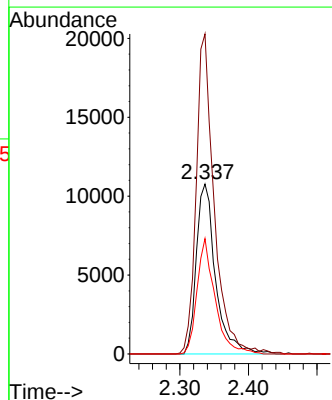
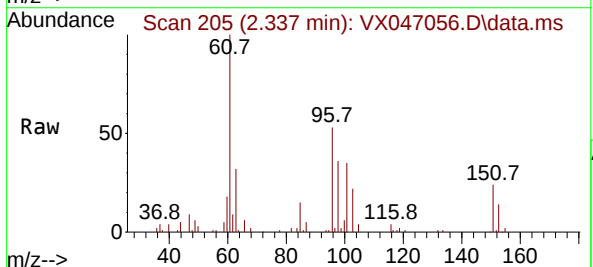
Manual Integrations
APPROVED

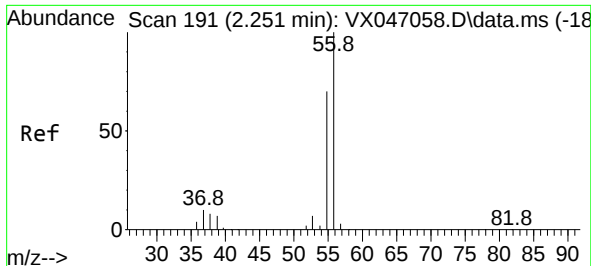
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#12
1,1-Dichloroethene
Concen: 5.244 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

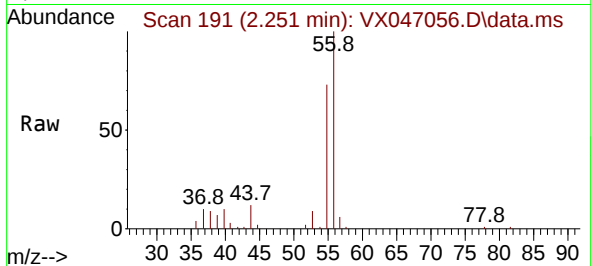
Tgt Ion: 96 Resp: 21053
Ion Ratio Lower Upper
96 100
61 180.6 132.6 198.8
98 65.4 50.2 75.4





#13
Acrolein
Concen: 25.213 ug/l
RT: 2.251 min Scan# 191
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

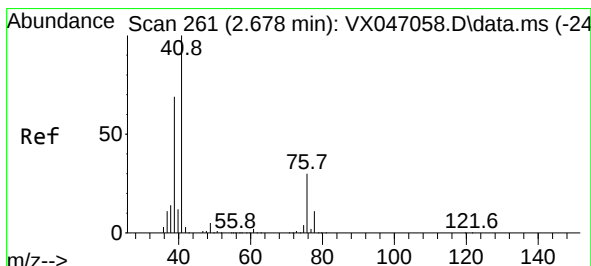
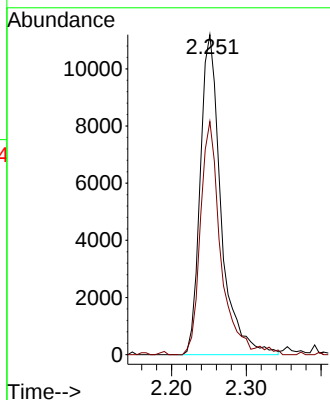
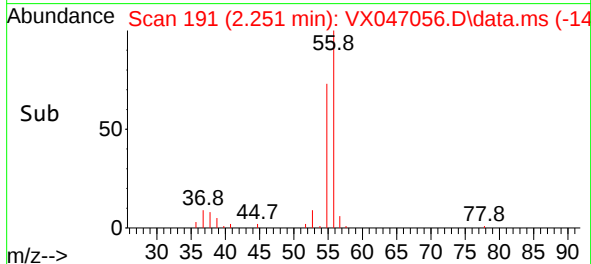
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 21604
Ion Ratio Lower Upper
56 100
55 70.2 55.7 83.5

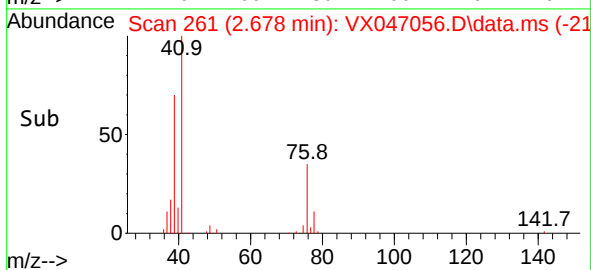
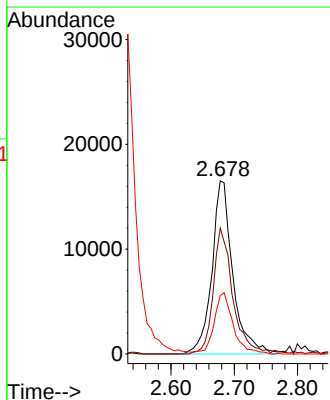
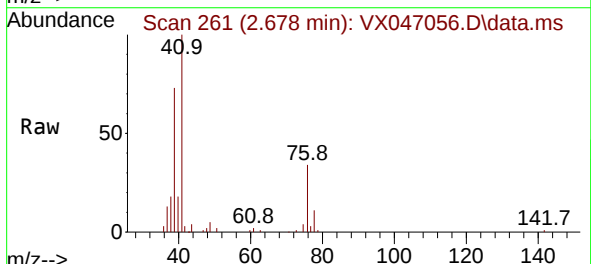
Manual Integrations
APPROVED

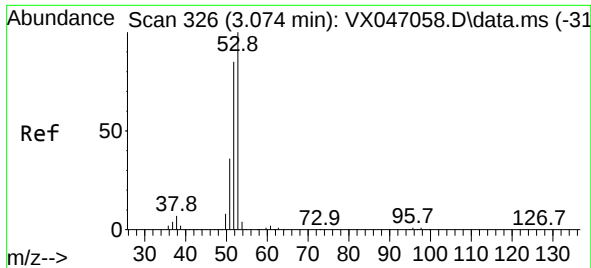
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#14
Allyl chloride
Concen: 5.242 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

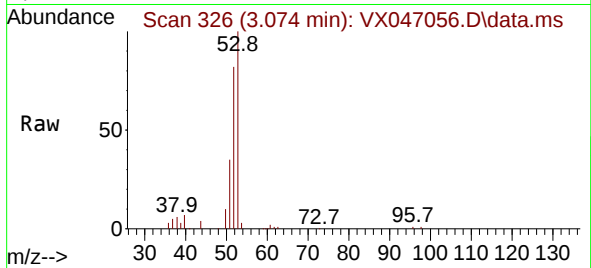
Tgt Ion: 41 Resp: 38039
Ion Ratio Lower Upper
41 100
39 67.1 52.6 78.8
76 32.0 25.7 38.5





#15
Acrylonitrile
Concen: 27.051 ug/l
RT: 3.074 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

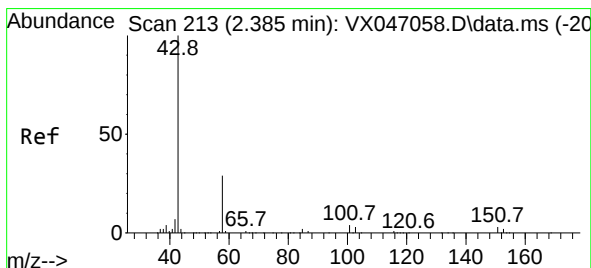
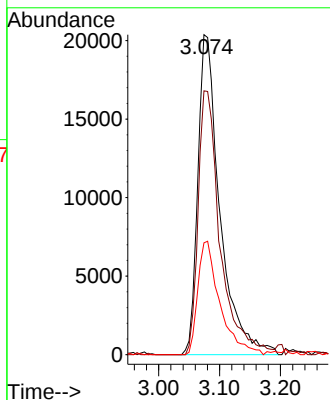
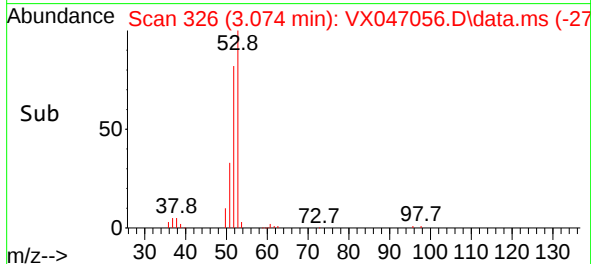
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



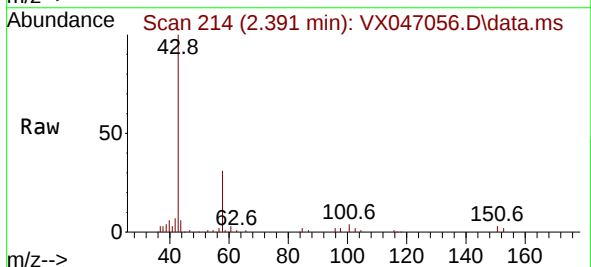
Tgt Ion: 53 Resp: 51340
Ion Ratio Lower Upper
53 100
52 81.9 65.7 98.5
51 35.3 28.8 43.2

Manual Integrations
APPROVED

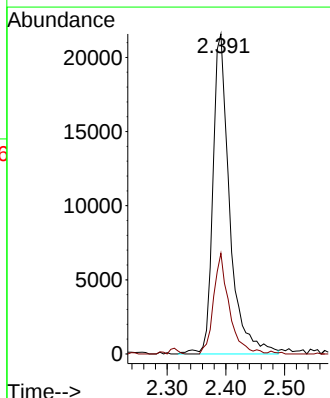
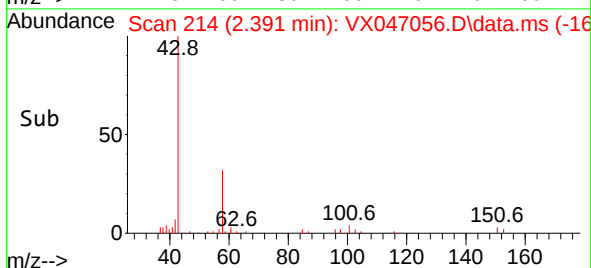
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

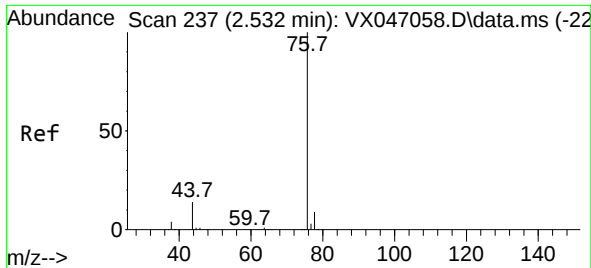


#16
Acetone
Concen: 26.796 ug/l
RT: 2.391 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08



Tgt Ion: 43 Resp: 42718
Ion Ratio Lower Upper
43 100
58 30.3 24.0 36.0





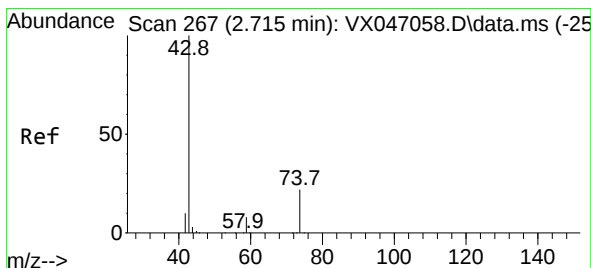
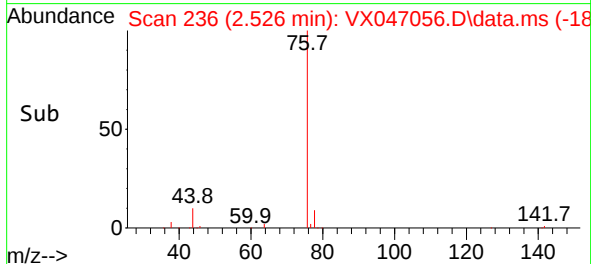
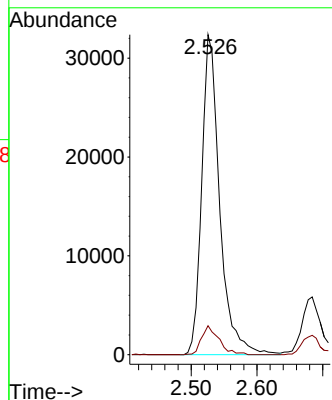
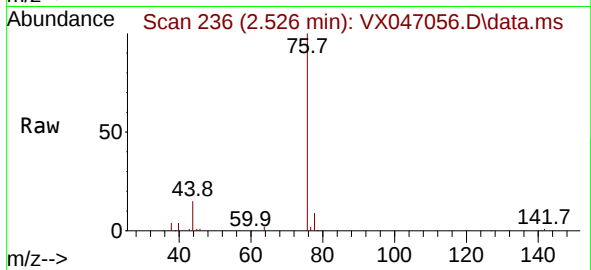
#17
Carbon Disulfide
Concen: 5.297 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 6152
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

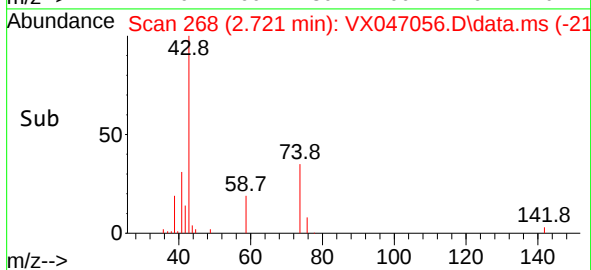
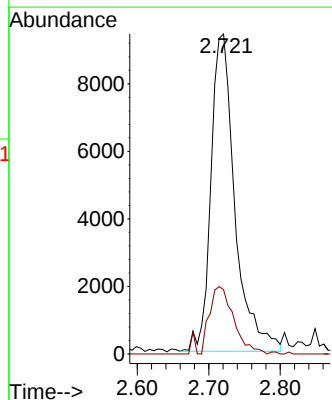
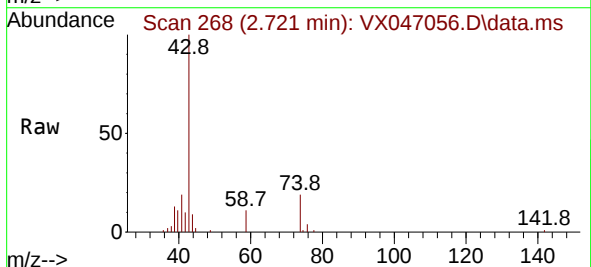
Manual Integrations
APPROVED

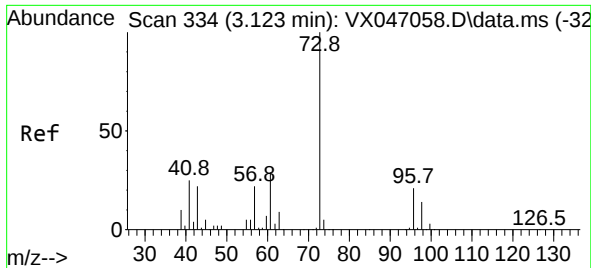
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#18
Methyl Acetate
Concen: 5.171 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 43 Resp: 21905
Ion Ratio Lower Upper
43 100
74 21.4 17.7 26.5





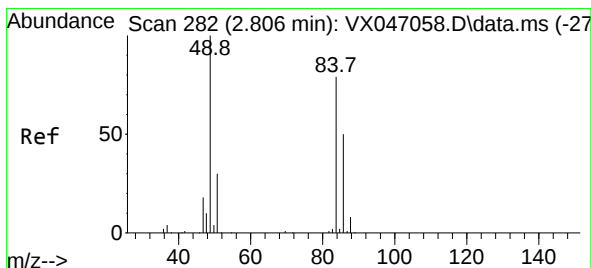
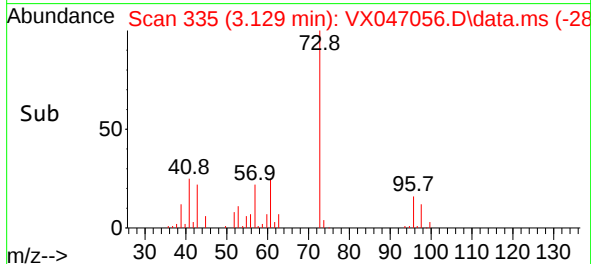
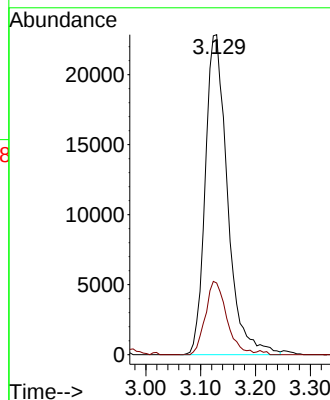
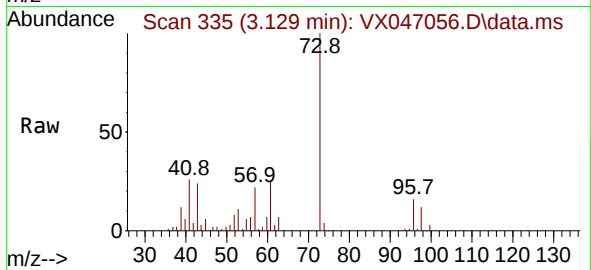
#19
Methyl tert-butyl Ether
Concen: 5.259 ug/l
RT: 3.129 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 64250
Ion Ratio Lower Upper
73 100
57 23.8 17.7 26.5

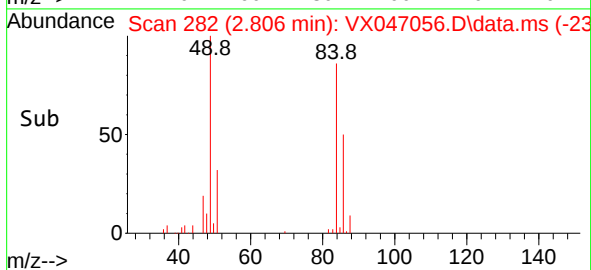
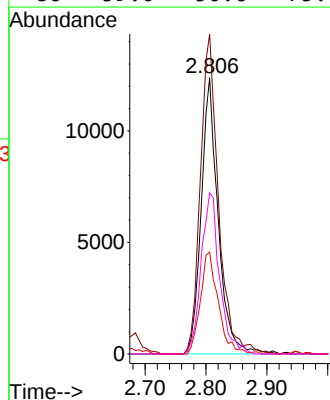
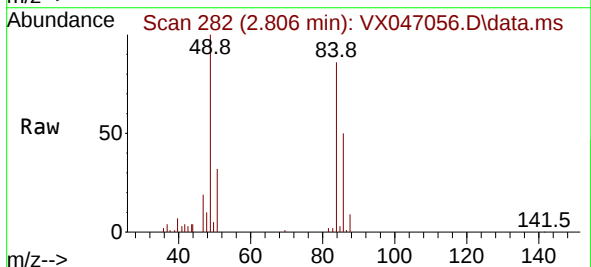
Manual Integrations
APPROVED

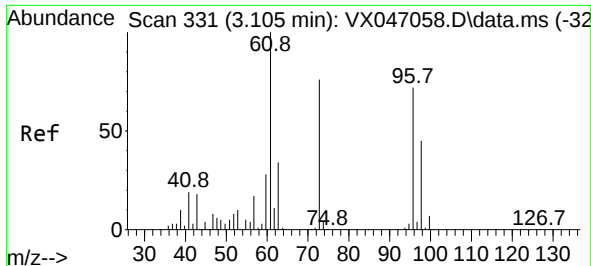
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#20
Methylene Chloride
Concen: 5.470 ug/l
RT: 2.806 min Scan# 282
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

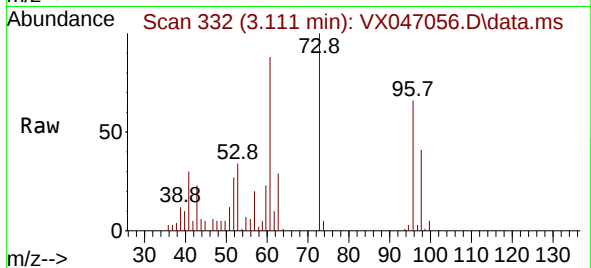
Tgt Ion: 84 Resp: 23989
Ion Ratio Lower Upper
84 100
49 115.8 101.6 152.4
51 36.9 30.3 45.5
86 59.0 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 5.451 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

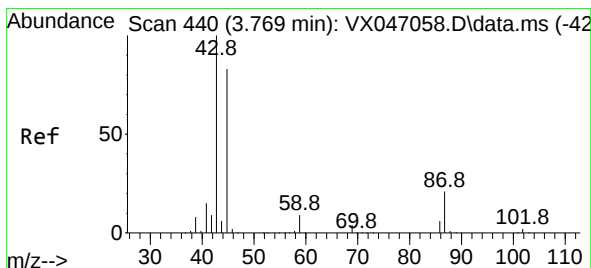
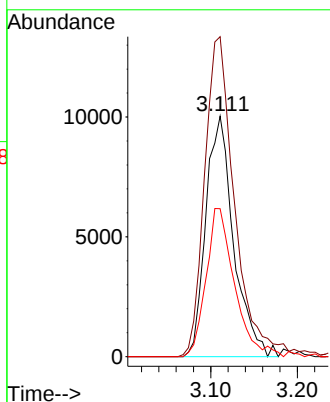
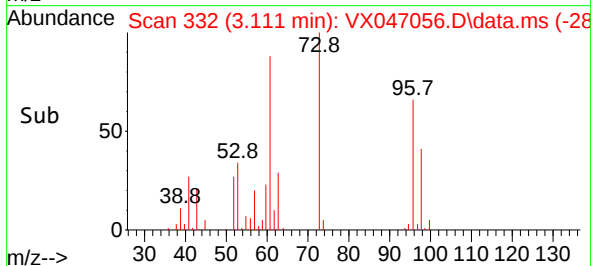
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 22390
Ion Ratio Lower Upper
96 100
61 133.1 111.1 166.7
98 63.0 49.6 74.4

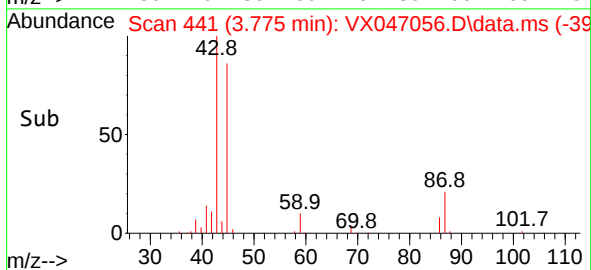
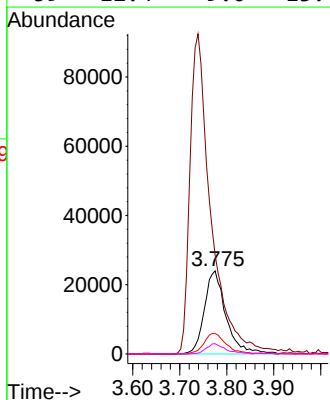
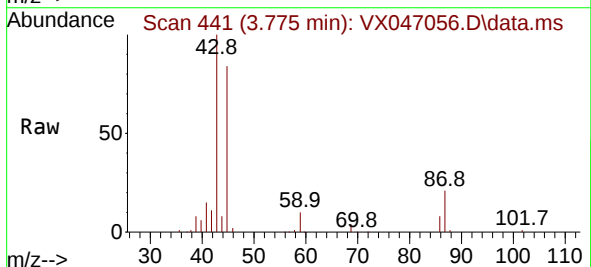
Manual Integrations
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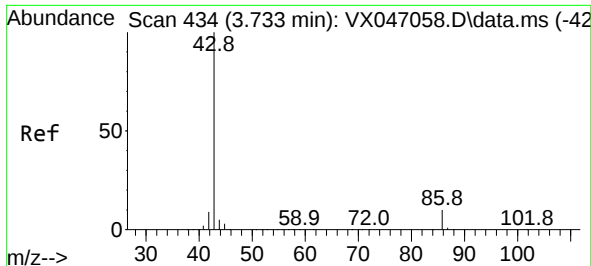
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#22
Diisopropyl ether
Concen: 5.480 ug/l
RT: 3.775 min Scan# 441
Delta R.T. 0.006 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 45 Resp: 76458
Ion Ratio Lower Upper
45 100
43 117.4 96.8 145.2
87 24.5 20.5 30.7
59 12.4 9.0 13.4





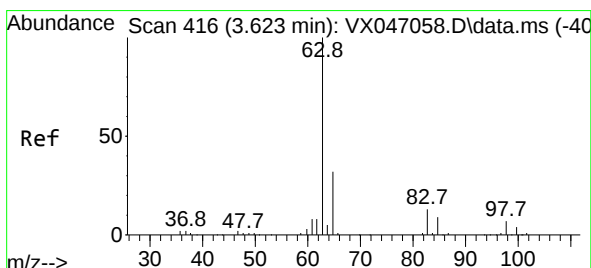
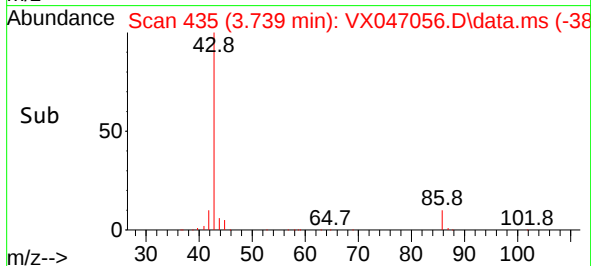
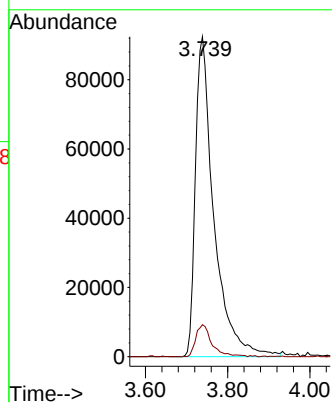
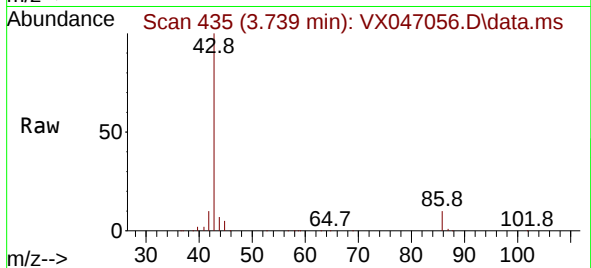
#23
 Vinyl Acetate
 Concen: 25.756 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX047056.D
 Acq: 21 Jul 2025 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 288230
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.1 12.1

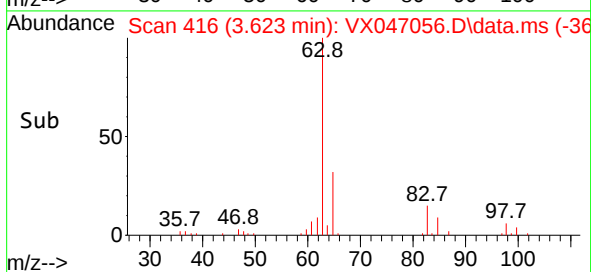
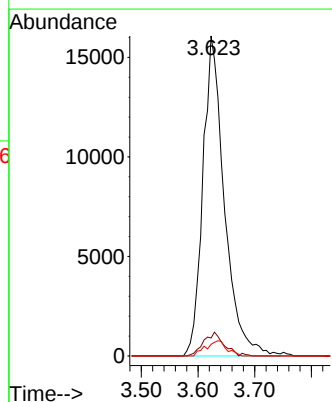
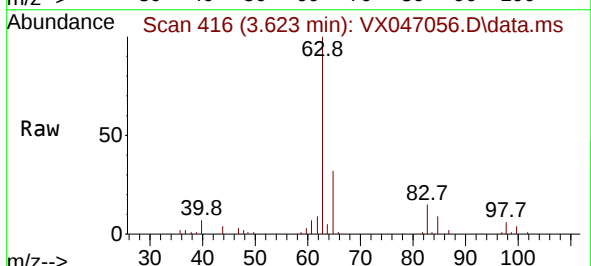
Manual Integrations
 APPROVED

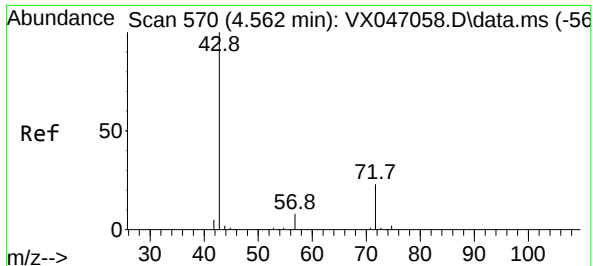
Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025



#24
 1,1-Dichloroethane
 Concen: 5.465 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX047056.D
 Acq: 21 Jul 2025 10:08

Tgt Ion: 63 Resp: 42402
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.6 10.8
 100 3.7 2.3 6.8





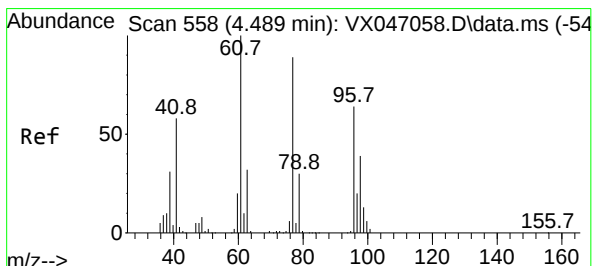
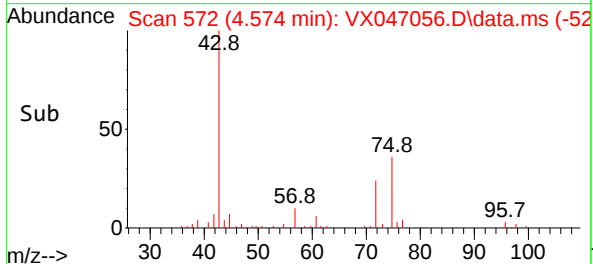
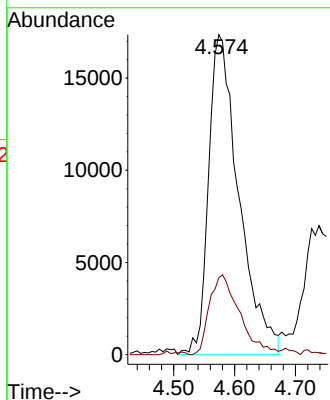
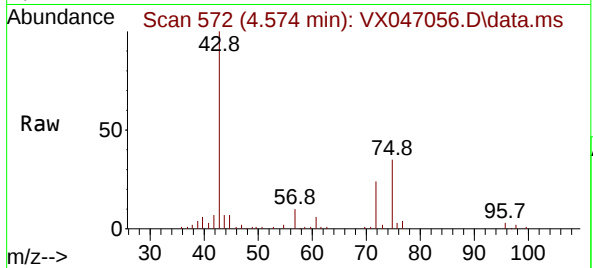
#25
2-Butanone
Concen: 25.858 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 6002
Ion Ratio Lower Upper
43 100
72 22.1 18.8 28.2

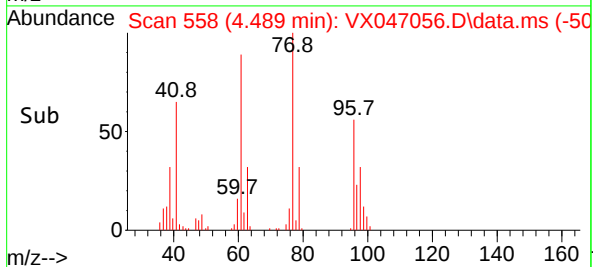
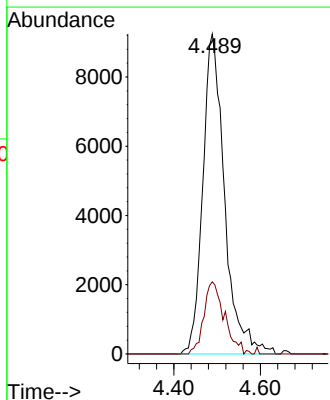
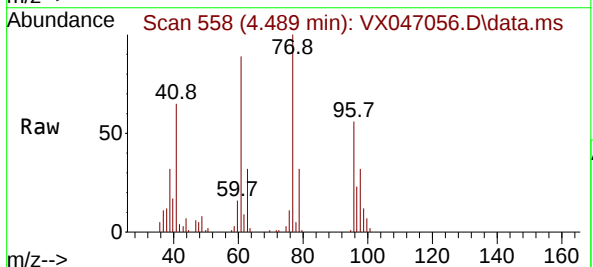
Manual Integrations
APPROVED

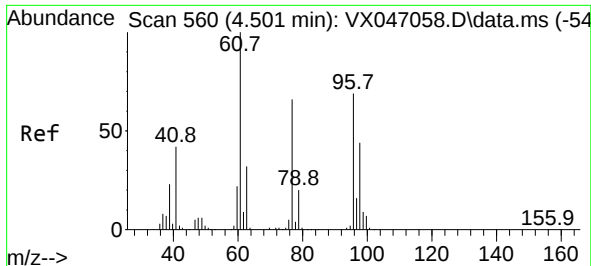
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#26
2,2-Dichloropropane
Concen: 5.378 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 77 Resp: 32298
Ion Ratio Lower Upper
77 100
97 21.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 5.463 ug/l

RT: 4.507 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX047056.D

Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 26579

Ion Ratio Lower Upper

96 100

61 152.0 0.0 298.6

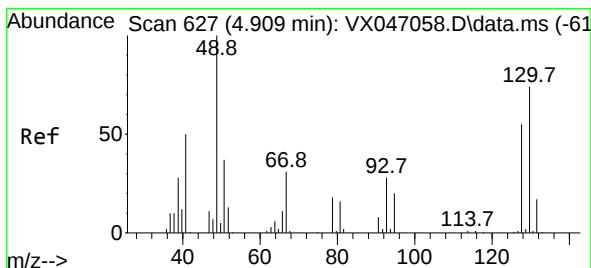
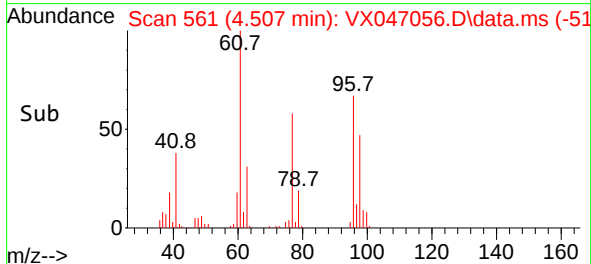
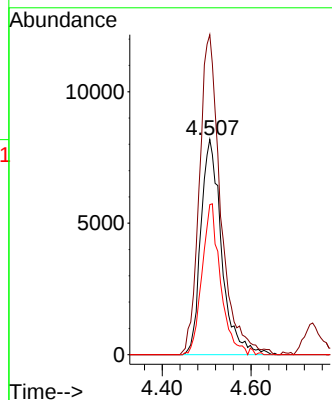
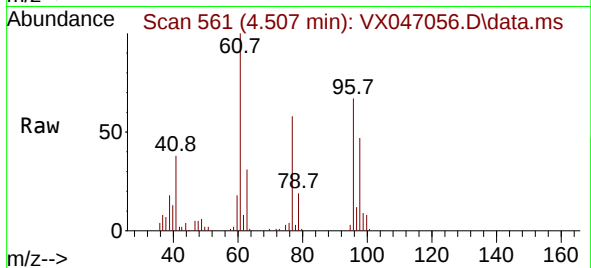
98 62.5 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#28

Bromochloromethane

Concen: 5.445 ug/l

RT: 4.921 min Scan# 629

Delta R.T. 0.012 min

Lab File: VX047056.D

Acq: 21 Jul 2025 10:08

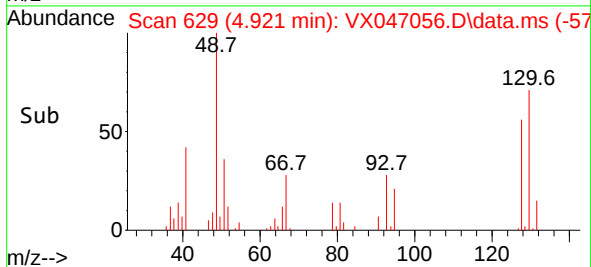
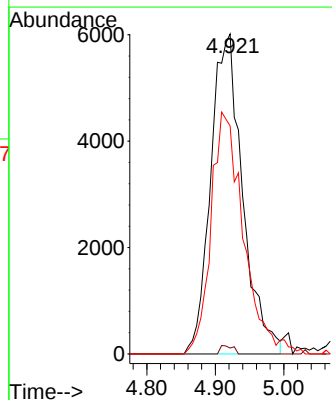
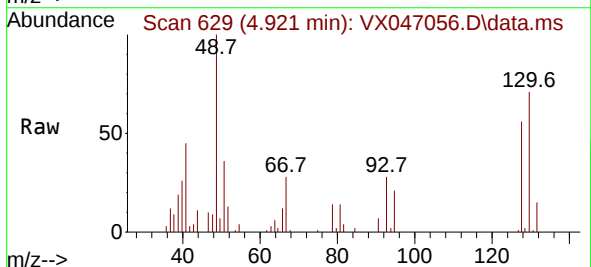
Tgt Ion: 49 Resp: 19435

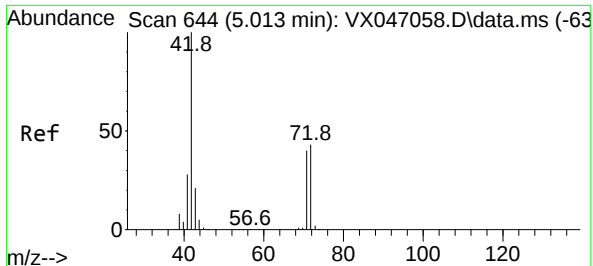
Ion Ratio Lower Upper

49 100

129 1.0 0.0 3.8

130 77.0 59.0 88.4





#29

Tetrahydrofuran

Concen: 26.631 ug/l

RT: 5.031 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX047056.D

Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

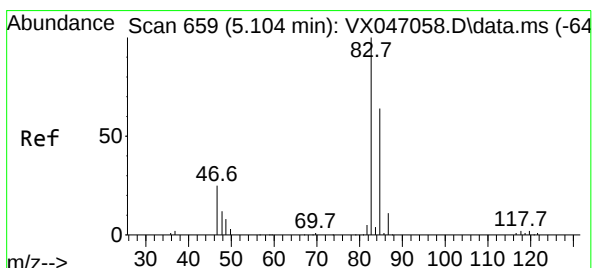
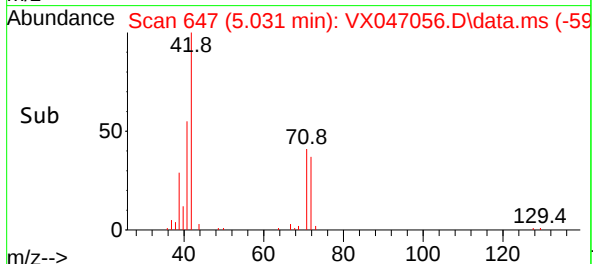
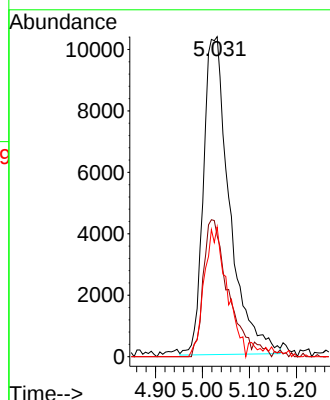
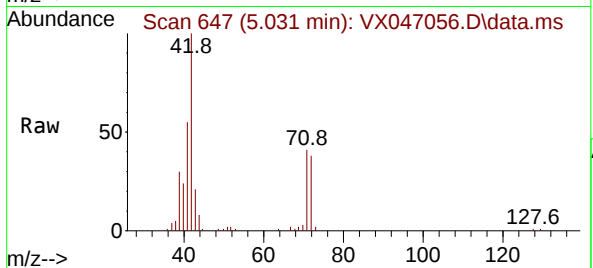
Tgt Ion:	42	Resp:	3988
Ion Ratio	Lower	Upper	
42	100		
72	39.9	33.7	50.5
71	35.4	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#30

Chloroform

Concen: 5.487 ug/l

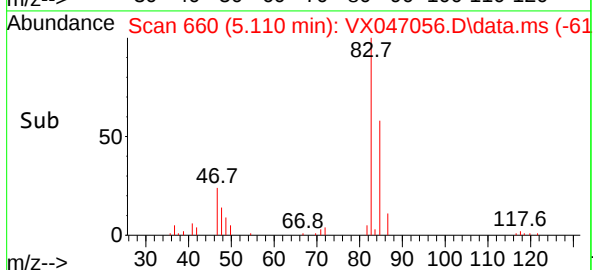
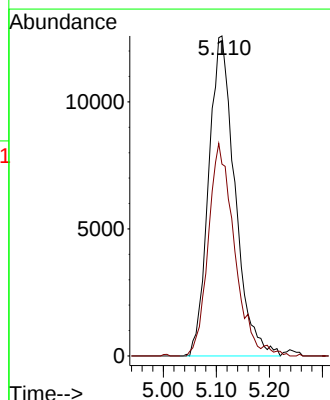
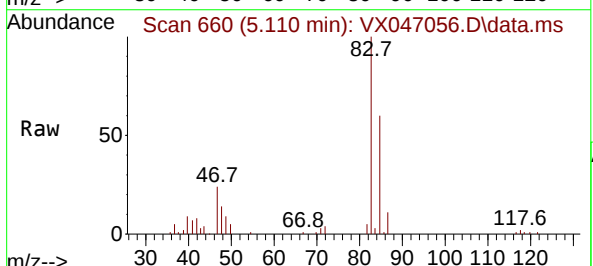
RT: 5.110 min Scan# 660

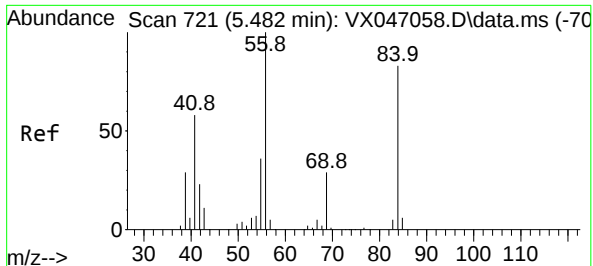
Delta R.T. 0.006 min

Lab File: VX047056.D

Acq: 21 Jul 2025 10:08

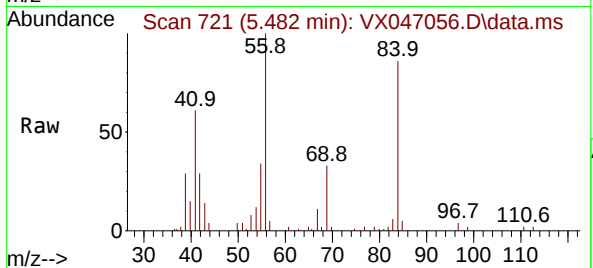
Tgt Ion:	83	Resp:	43336
Ion Ratio	Lower	Upper	
83	100		
85	58.1	50.9	76.3





#31
Cyclohexane
Concen: 5.241 ug/l
RT: 5.482 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

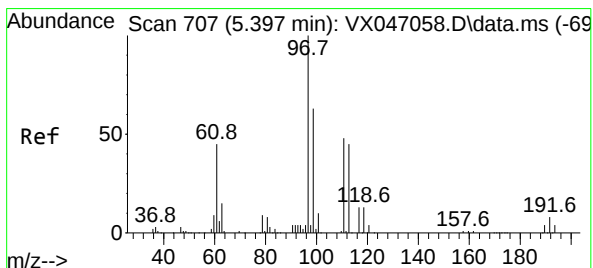
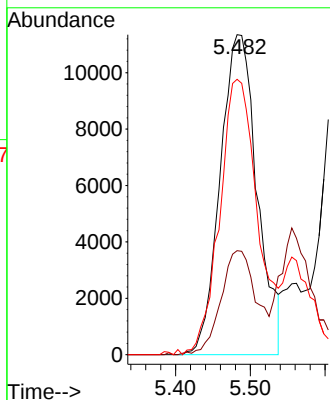
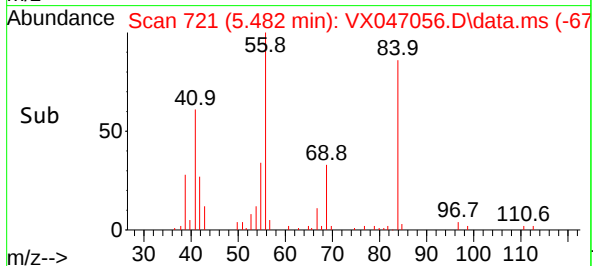
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 38990
Ion Ratio Lower Upper
56 100
69 31.0 23.3 34.9
84 80.5 66.5 99.7

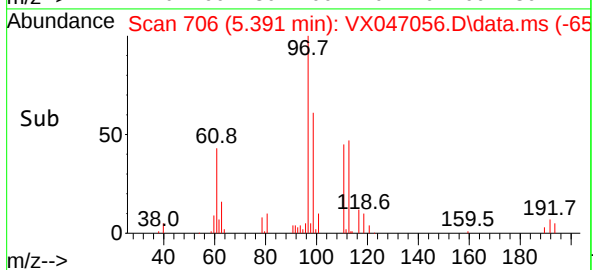
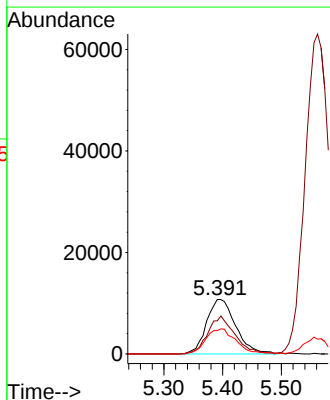
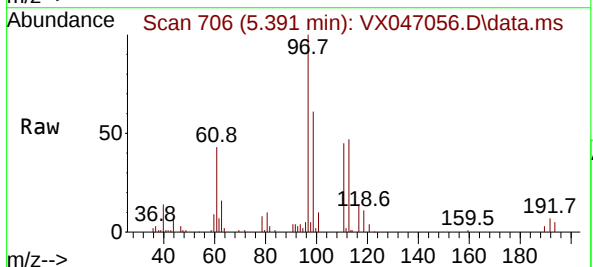
Manual Integrations
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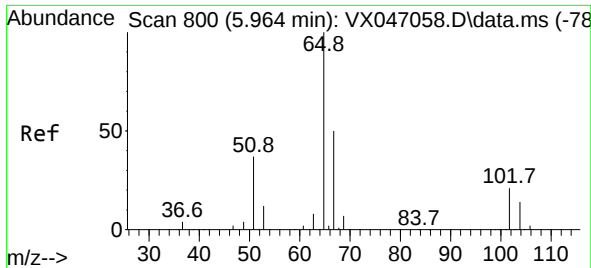
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#32
1,1,1-Trichloroethane
Concen: 5.382 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 97 Resp: 36920
Ion Ratio Lower Upper
97 100
99 64.8 51.2 76.8
61 48.1 37.1 55.7





#33
 1,2-Dichloroethane-d4
 Concen: 6.169 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.006 min
 Lab File: VX047056.D
 Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_X

ClientSampleId :

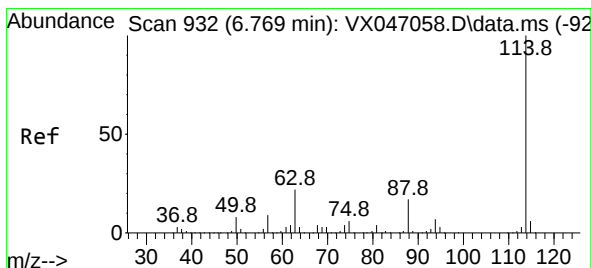
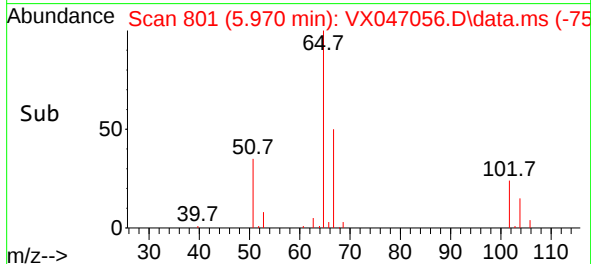
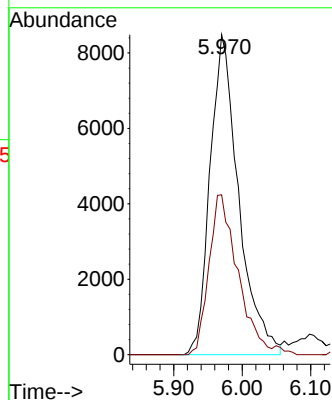
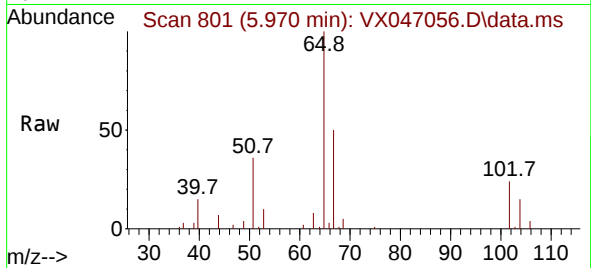
VSTDIC005

Tgt Ion: 65 Resp: 24550
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 104.8

Manual Integrations

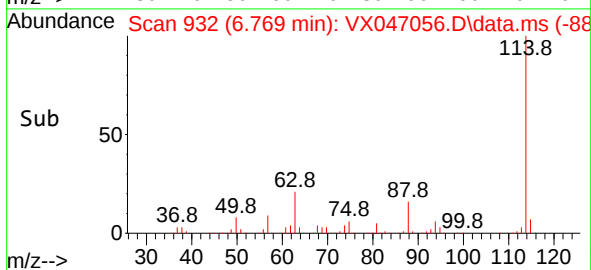
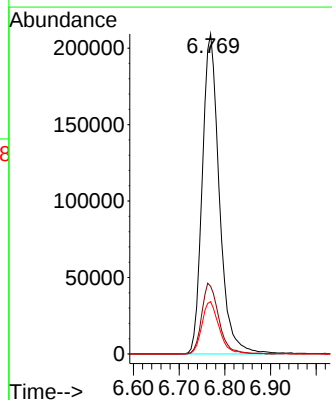
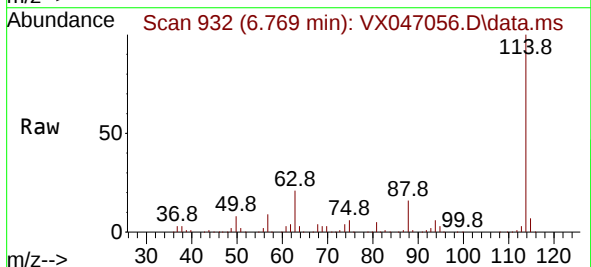
APPROVED

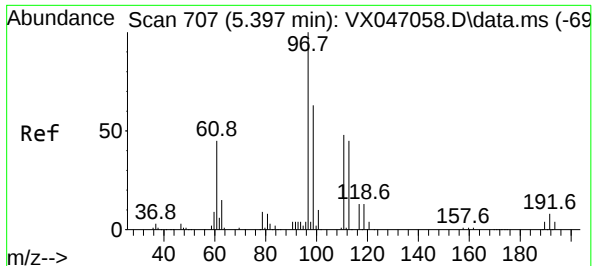
Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX047056.D
 Acq: 21 Jul 2025 10:08

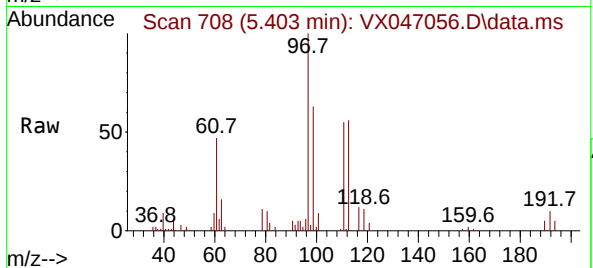
Tgt Ion:114 Resp: 542097
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.2
 88 16.3 0.0 33.8





#35
Dibromofluoromethane
Concen: 5.749 ug/l
RT: 5.403 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

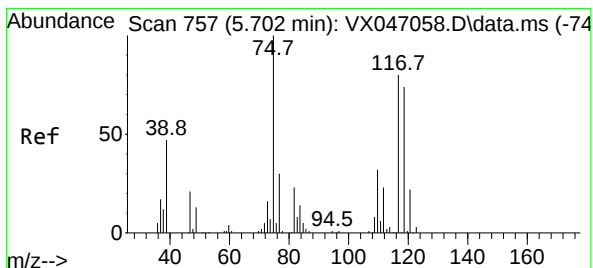
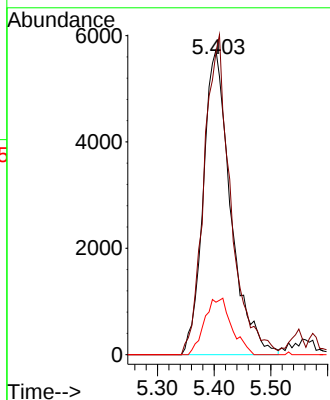
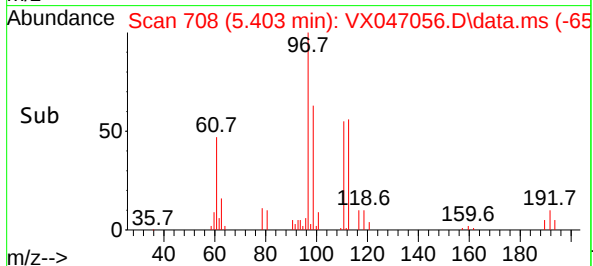
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:113 Resp: 1924
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 18.3 14.9 22.3

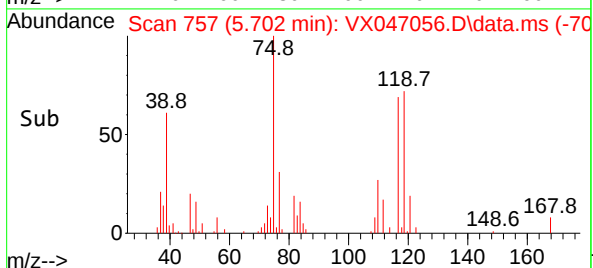
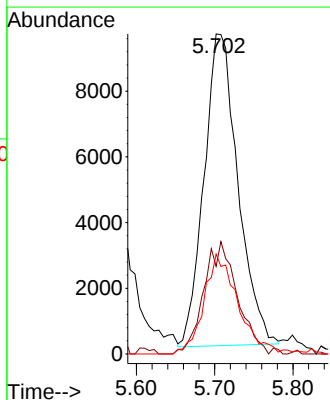
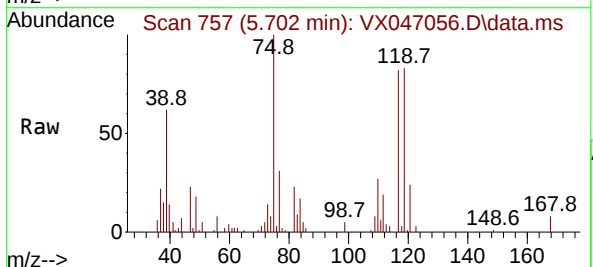
Manual Integrations
APPROVED

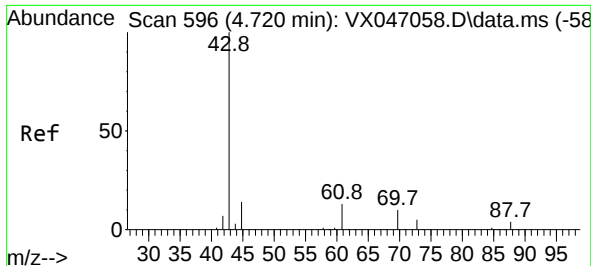
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#36
1,1-Dichloropropene
Concen: 5.011 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 75 Resp: 28590
Ion Ratio Lower Upper
75 100
110 35.4 17.2 51.5
77 32.5 25.1 37.7





#37

Ethyl Acetate

Concen: 5.790 ug/l m

RT: 4.739 min Scan# 596

Delta R.T. 0.018 min

Lab File: VX047056.D

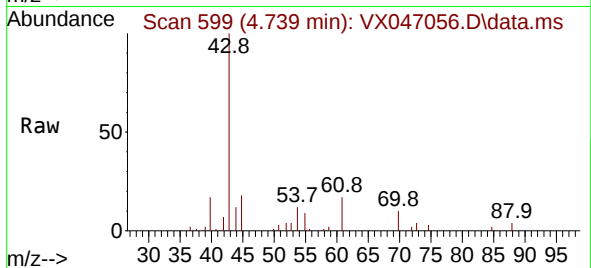
Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



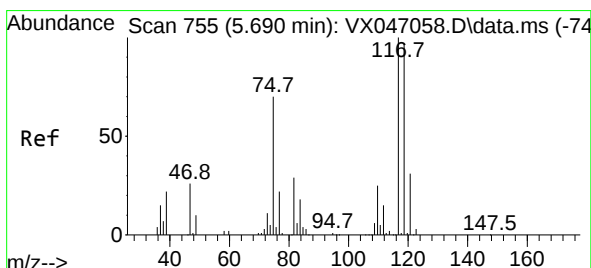
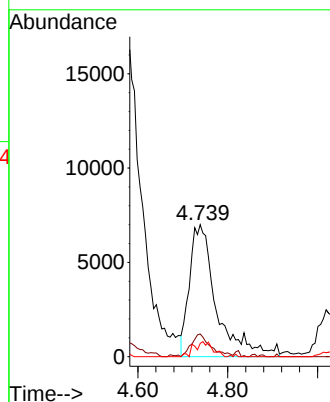
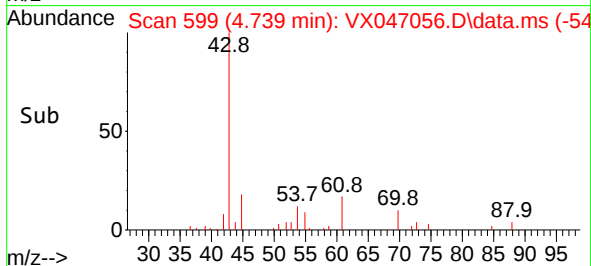
Tgt Ion:	43	Resp:	2911
Ion Ratio	Lower	Upper	
43	100		
61	12.2	10.2	15.2
70	5.4	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#38

Carbon Tetrachloride

Concen: 5.452 ug/l

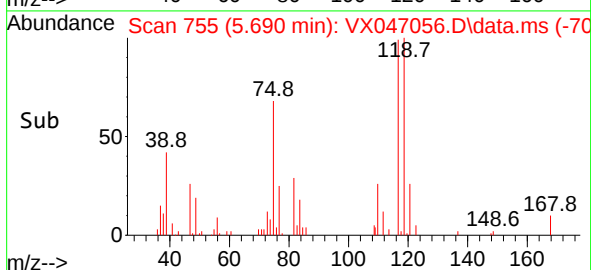
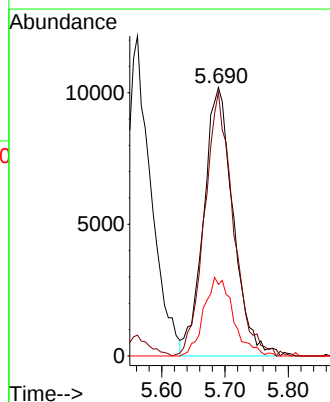
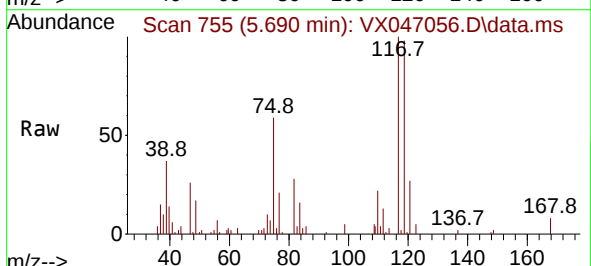
RT: 5.690 min Scan# 755

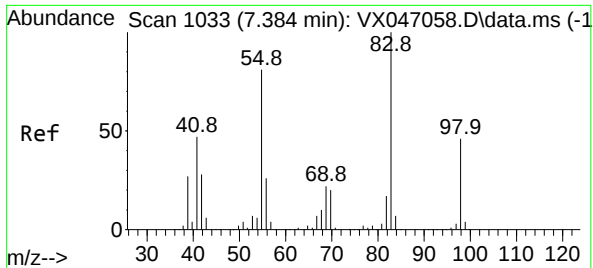
Delta R.T. -0.000 min

Lab File: VX047056.D

Acq: 21 Jul 2025 10:08

Tgt Ion:	117	Resp:	33199
Ion Ratio	Lower	Upper	
117	100		
119	97.1	76.6	115.0
121	26.7	24.4	36.6





#39

Methylcyclohexane

Concen: 5.271 ug/l

RT: 7.384 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX047056.D

Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 83 Resp: 3754

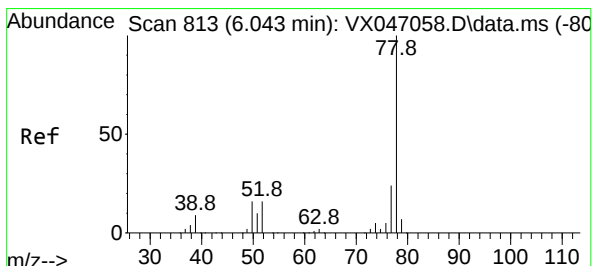
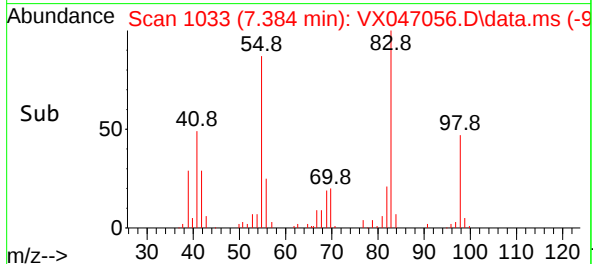
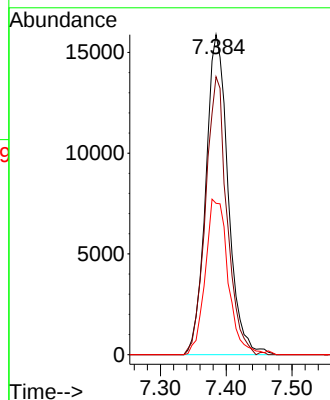
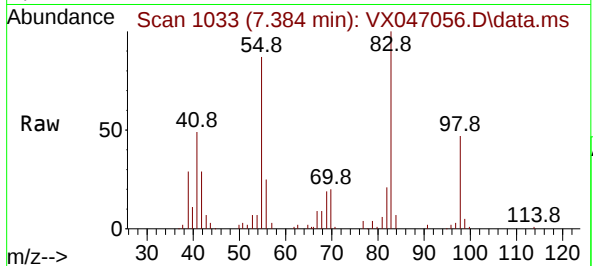
Ion	Ratio	Lower	Upper
83	100		
55	86.9	64.5	96.7
98	47.3	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#40

Benzene

Concen: 5.438 ug/l

RT: 6.049 min Scan# 814

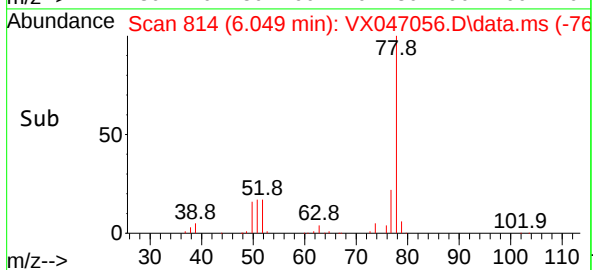
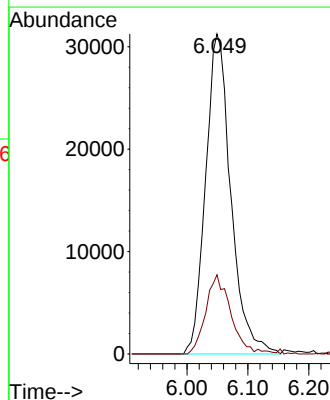
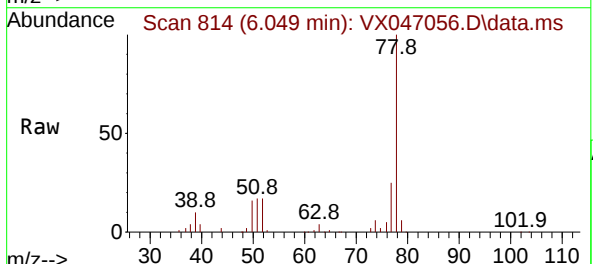
Delta R.T. 0.006 min

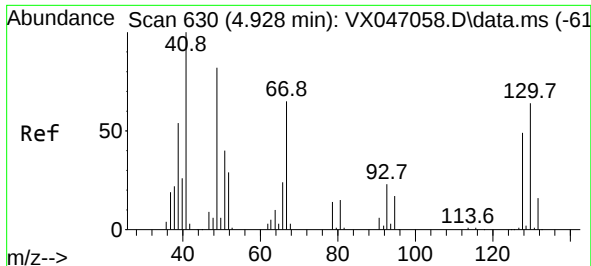
Lab File: VX047056.D

Acq: 21 Jul 2025 10:08

Tgt Ion: 78 Resp: 89797

Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.0	28.4





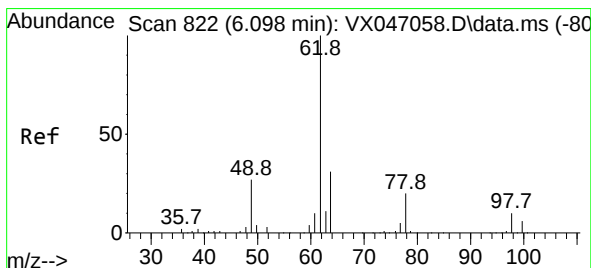
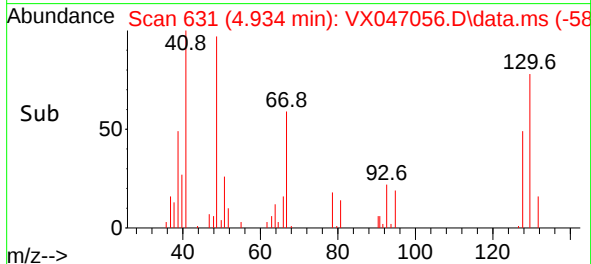
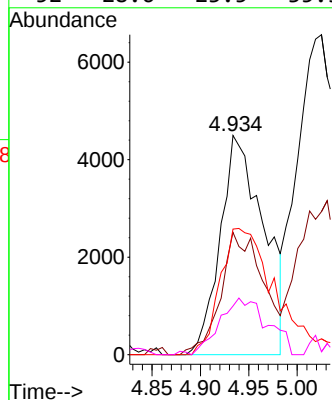
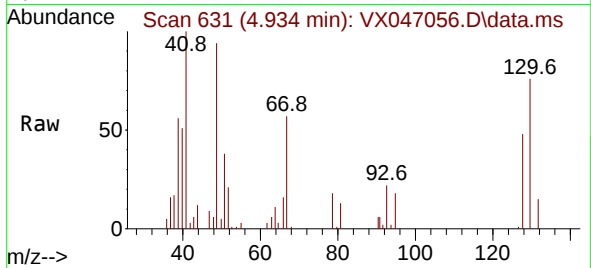
#41
Methacrylonitrile
Concen: 5.100 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 14018
Ion Ratio Lower Upper
41 100
39 54.6 44.2 66.2
67 73.8 56.4 84.6
52 28.6 23.5 35.3

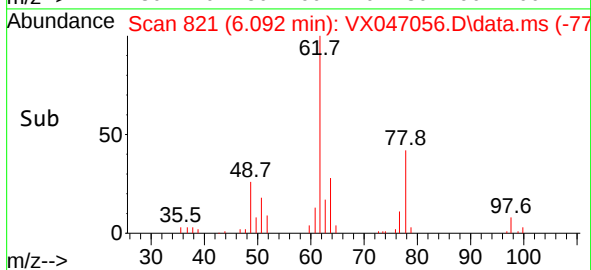
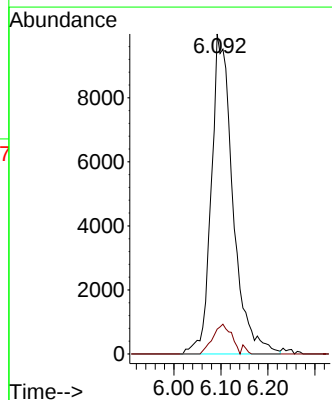
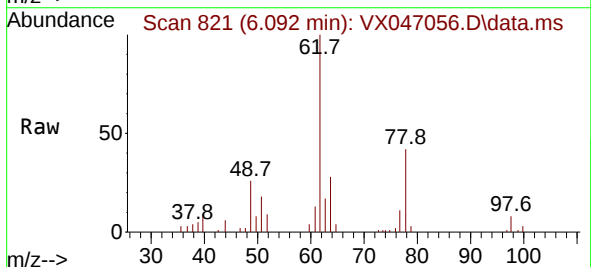
Manual Integrations
APPROVED

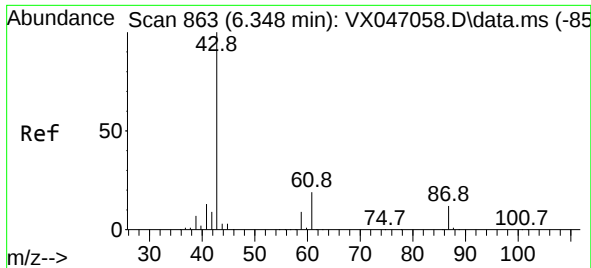
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#42
1,2-Dichloroethane
Concen: 5.475 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 62 Resp: 31844
Ion Ratio Lower Upper
62 100
98 8.0 0.0 18.8





#43

Isopropyl Acetate

Concen: 5.240 ug/l

RT: 6.354 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX047056.D

Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

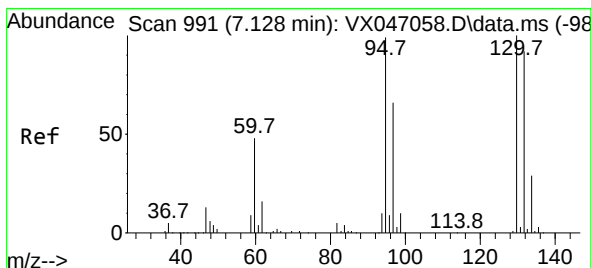
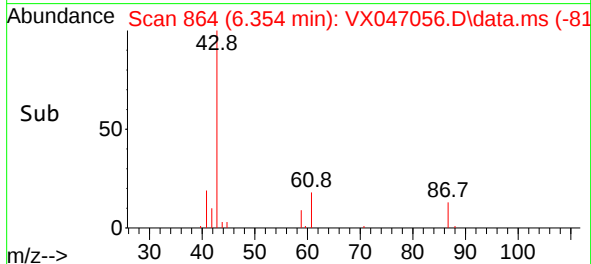
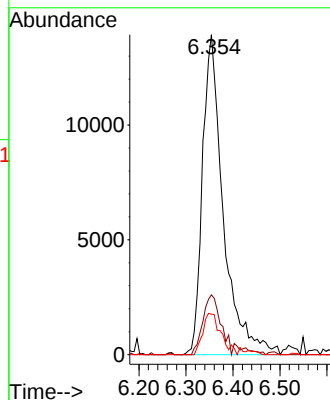
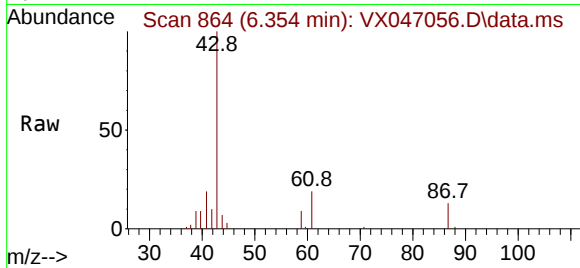
Tgt Ion:	43	Resp:	42940
Ion	Ratio	Lower	Upper
43	100		
61	15.9	15.1	22.7
87	11.1	9.7	14.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#44

Trichloroethene

Concen: 5.468 ug/l

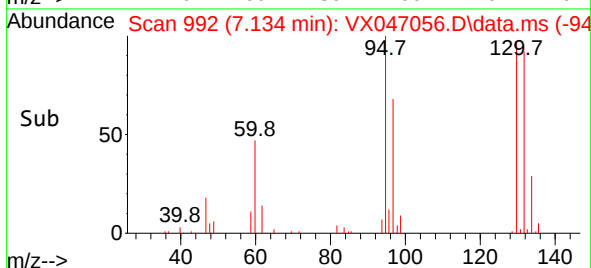
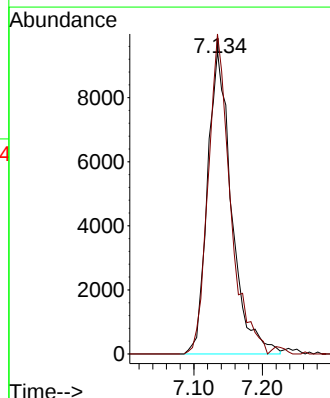
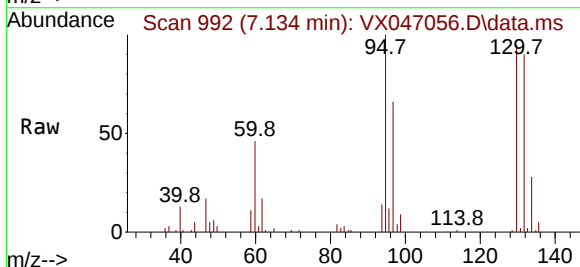
RT: 7.134 min Scan# 992

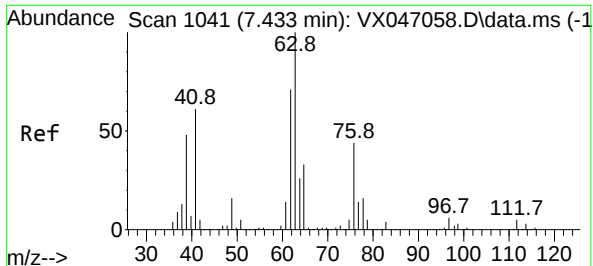
Delta R.T. 0.006 min

Lab File: VX047056.D

Acq: 21 Jul 2025 10:08

Tgt Ion:	130	Resp:	23153
Ion	Ratio	Lower	Upper
130	100		
95	117.9	0.0	198.6





#45

1,2-Dichloropropane

Concen: 5.494 ug/l

RT: 7.439 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VX047056.D

Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 2272

Ion Ratio Lower Upper

63 100

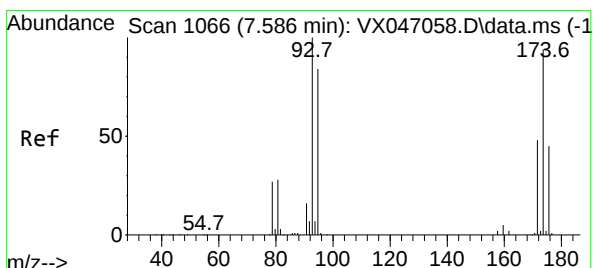
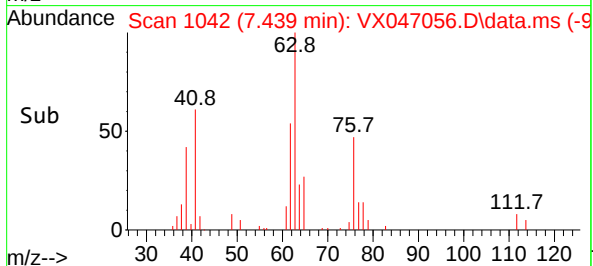
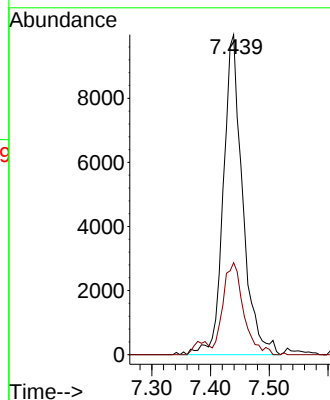
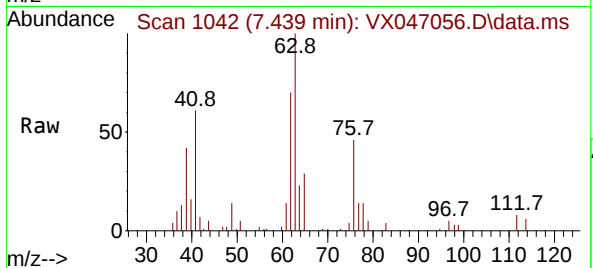
65 28.7 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#46

Dibromomethane

Concen: 5.682 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.006 min

Lab File: VX047056.D

Acq: 21 Jul 2025 10:08

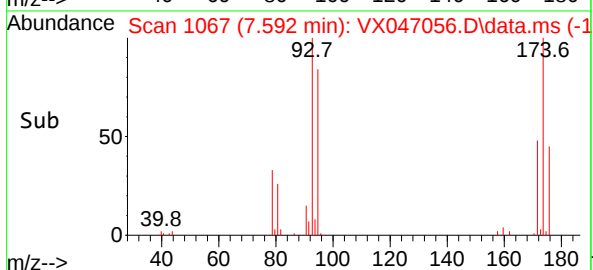
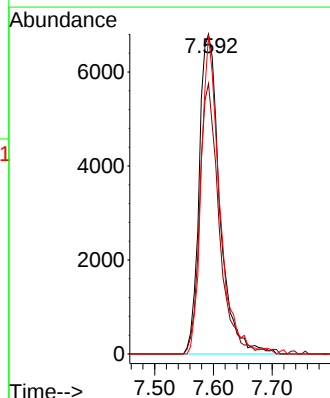
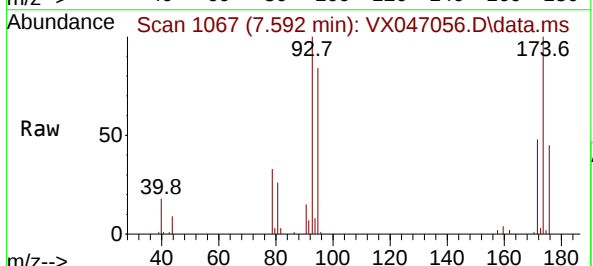
Tgt Ion: 93 Resp: 16479

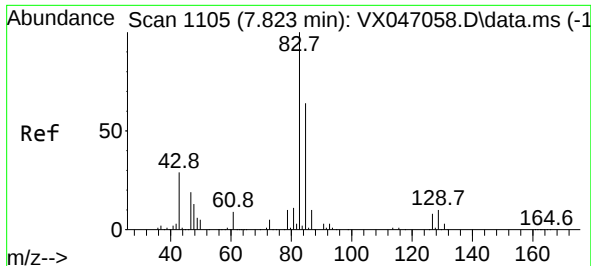
Ion Ratio Lower Upper

93 100

95 81.0 65.9 98.9

174 89.3 74.6 112.0





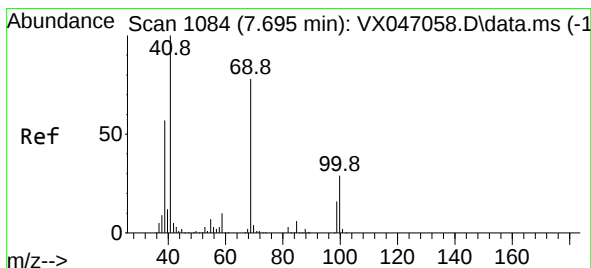
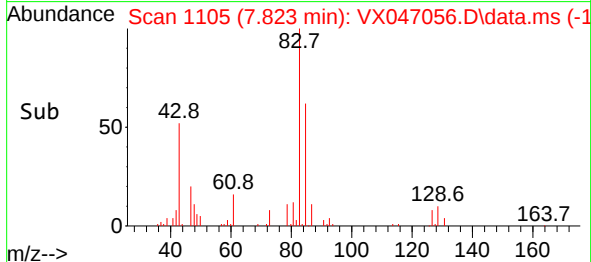
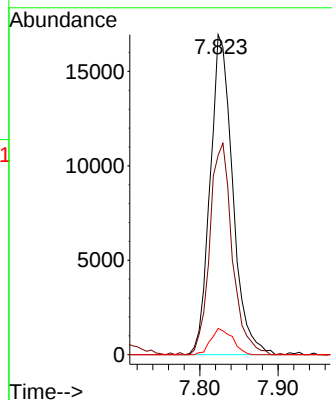
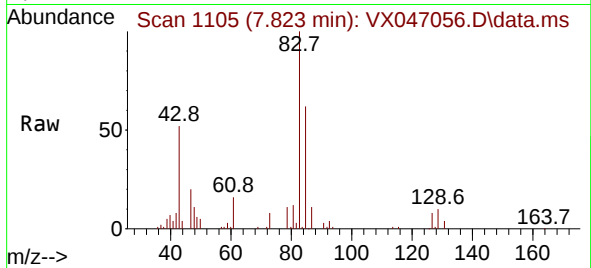
#47
Bromodichloromethane
Concen: 5.498 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 33939
Ion Ratio Lower Upper
83 100
85 61.6 49.9 74.9
127 8.1 6.6 10.0

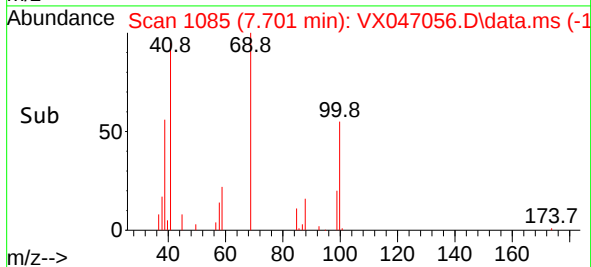
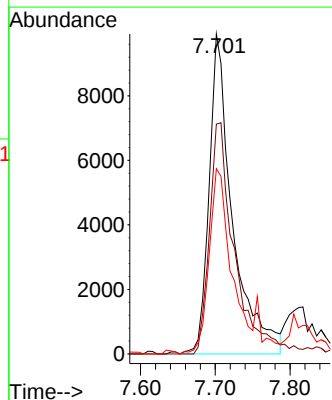
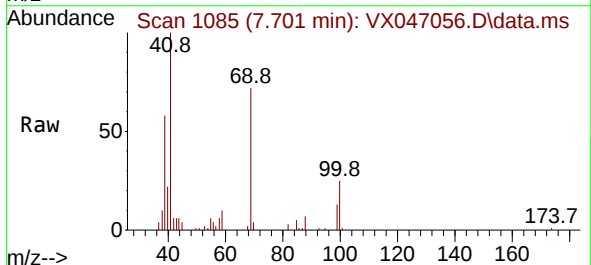
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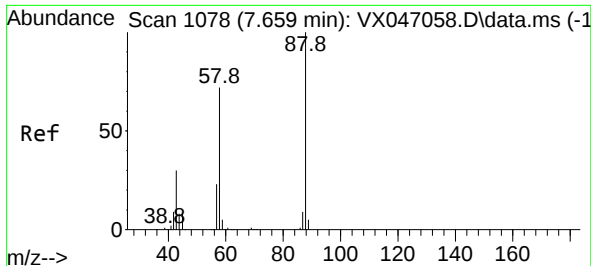
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#48
Methyl methacrylate
Concen: 4.851 ug/l
RT: 7.701 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 41 Resp: 21660
Ion Ratio Lower Upper
41 100
69 77.3 62.3 93.5
39 54.8 44.8 67.2





#49

1,4-Dioxane

Concen: 109.271 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.012 min

Lab File: VX047056.D

Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

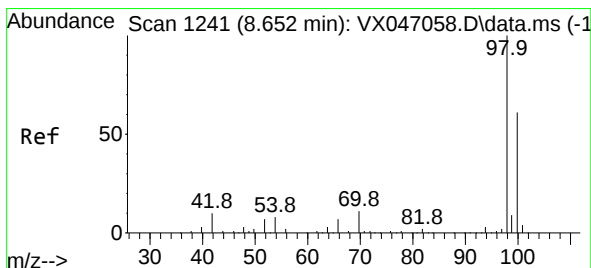
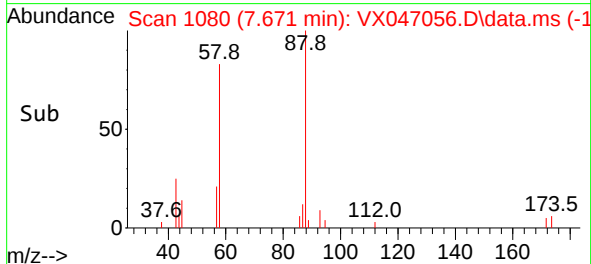
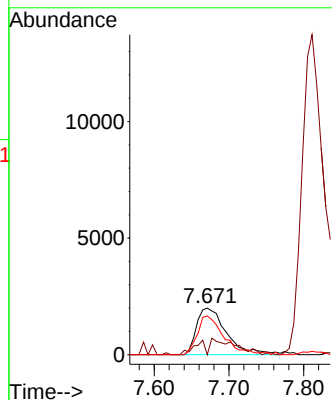
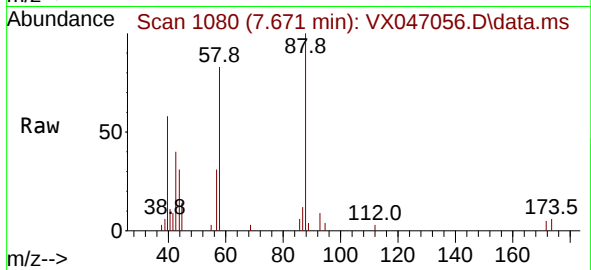
Tgt Ion:	88	Resp:	5549
Ion	Ratio	Lower	Upper
88	100		
43	29.5	33.6	50.4
58	74.7	58.8	88.2

Manual Integrations

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Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#50

Toluene-d8

Concen: 6.465 ug/l

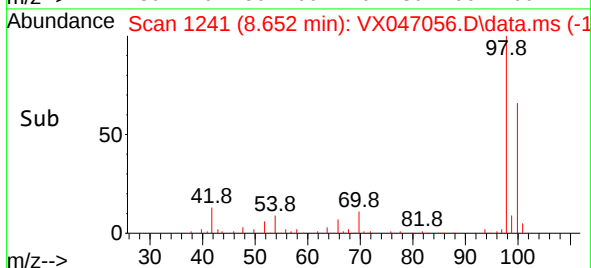
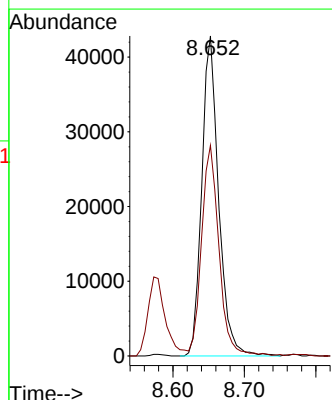
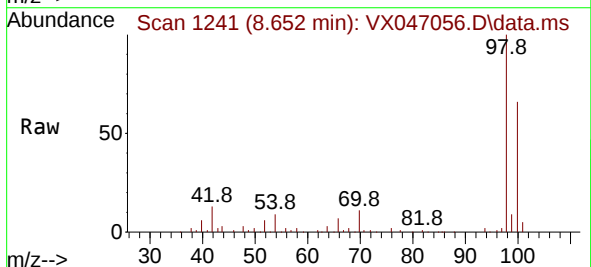
RT: 8.652 min Scan# 1241

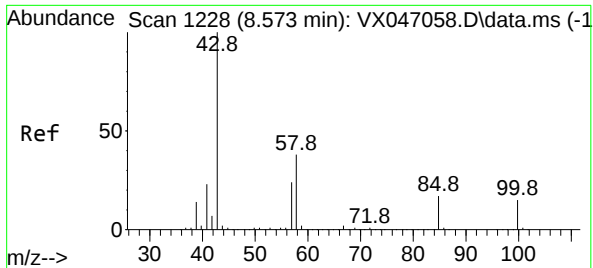
Delta R.T. -0.000 min

Lab File: VX047056.D

Acq: 21 Jul 2025 10:08

Tgt Ion:	98	Resp:	70081
Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.3	79.9





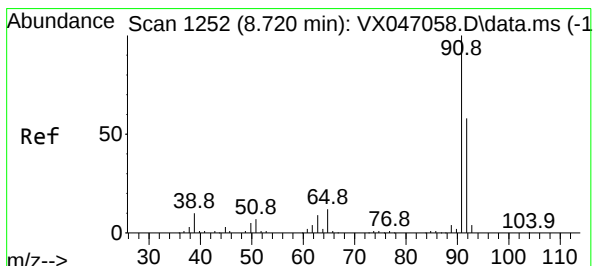
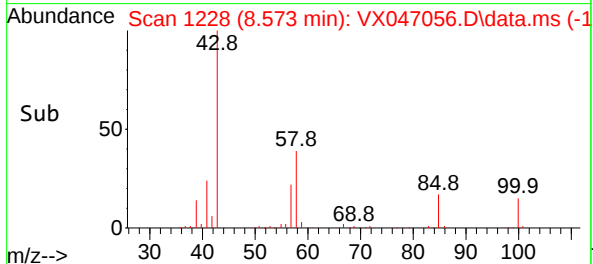
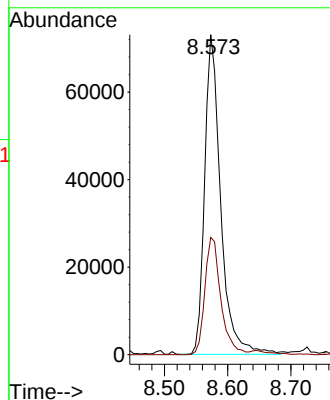
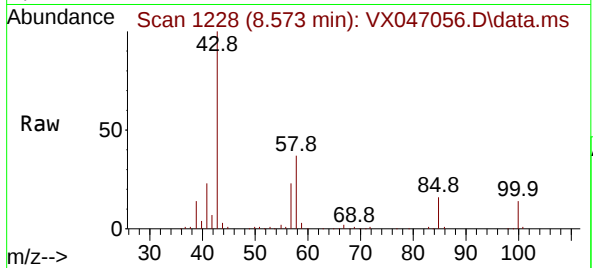
#51
4-Methyl-2-Pentanone
Concen: 26.565 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 12941
Ion Ratio Lower Upper
43 100
58 36.6 30.6 45.8

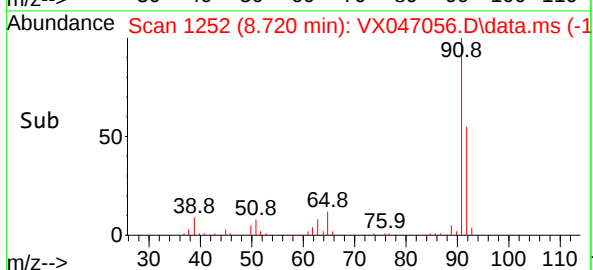
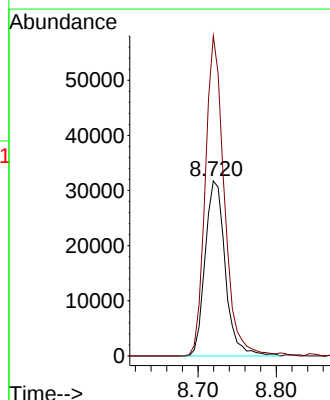
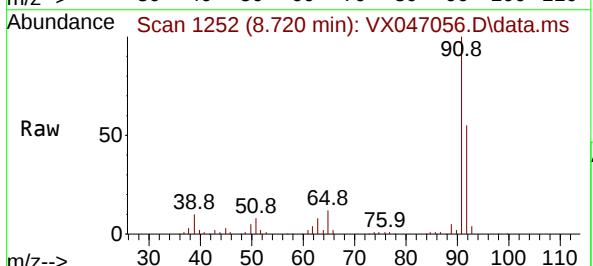
Manual Integrations
APPROVED

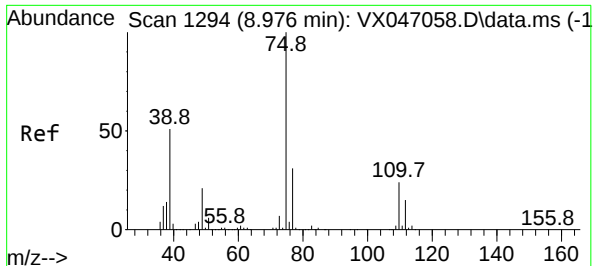
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#52
Toluene
Concen: 5.592 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 92 Resp: 56775
Ion Ratio Lower Upper
92 100
91 171.9 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 5.108 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX047056.D

Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 29770

Ion Ratio Lower Upper

75 100

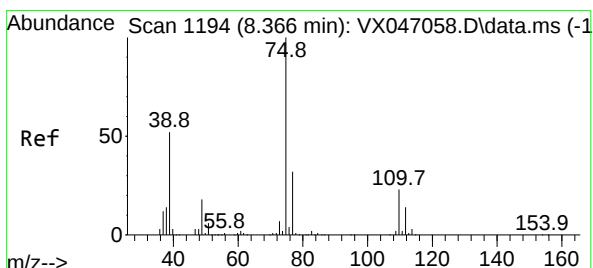
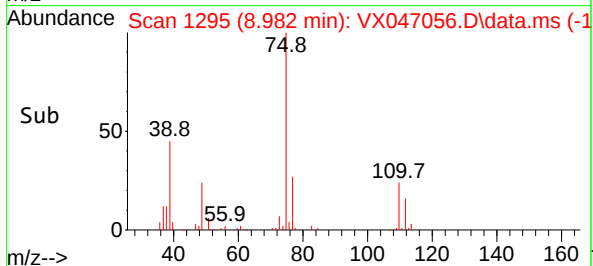
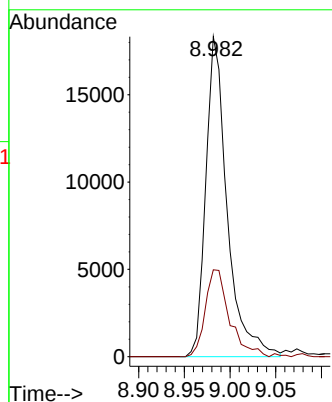
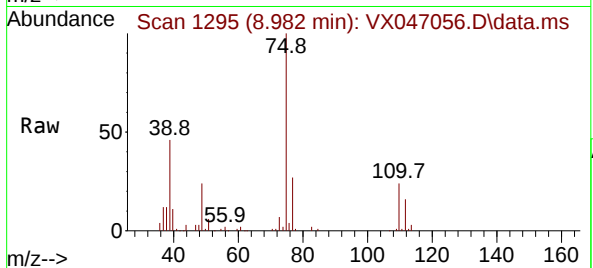
77 27.1 24.5 36.7

Manual Integrations

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Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#54

cis-1,3-Dichloropropene

Concen: 5.193 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX047056.D

Acq: 21 Jul 2025 10:08

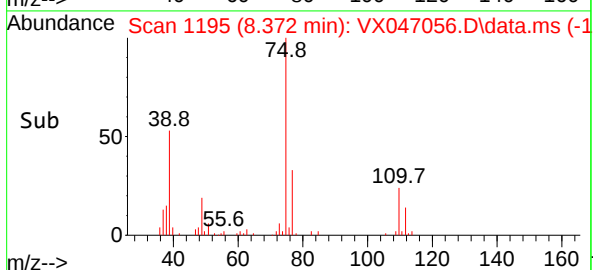
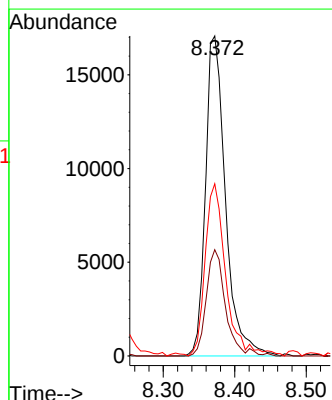
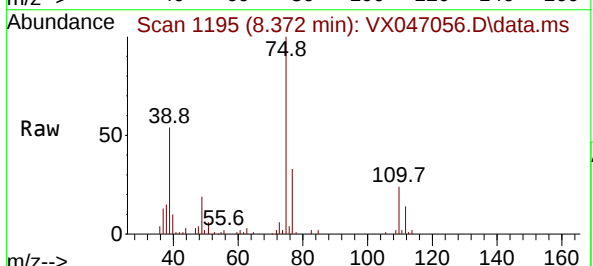
Tgt Ion: 75 Resp: 33127

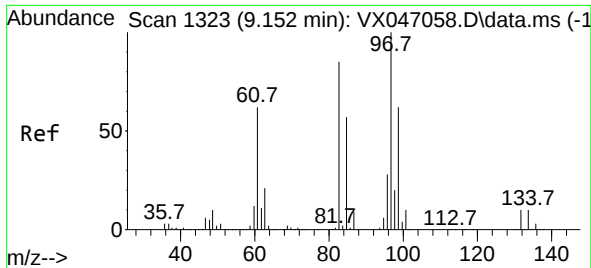
Ion Ratio Lower Upper

75 100

77 33.2 25.4 38.0

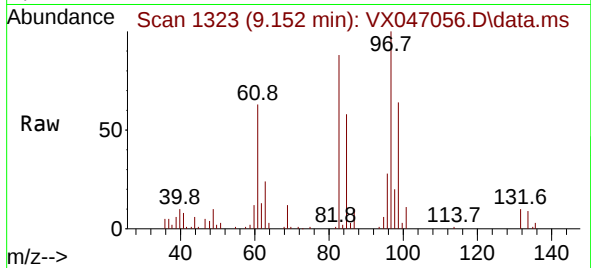
39 53.2 41.8 62.6





#55
 1,1,2-Trichloroethane
 Concen: 5.574 ug/l
 RT: 9.152 min Scan# 1323
 Delta R.T. -0.000 min
 Lab File: VX047056.D
 Acq: 21 Jul 2025 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

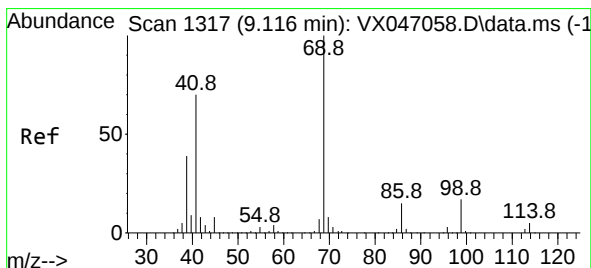
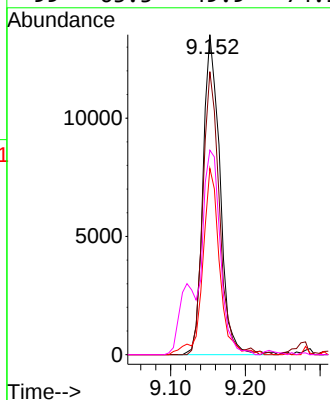
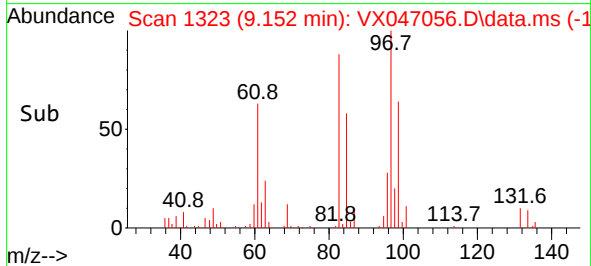


Tgt Ion: 97 Resp: 2122

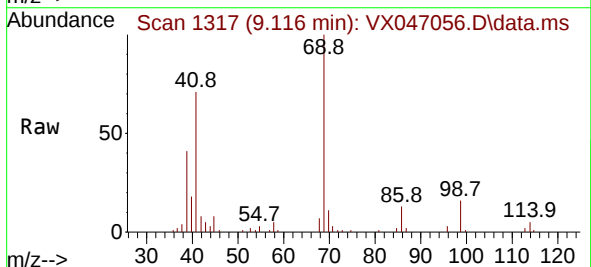
Ion	Ratio	Lower	Upper
97	100		
83	88.4	68.0	102.0
85	58.2	45.2	67.8
99	63.3	49.9	74.9

Manual Integrations
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Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025

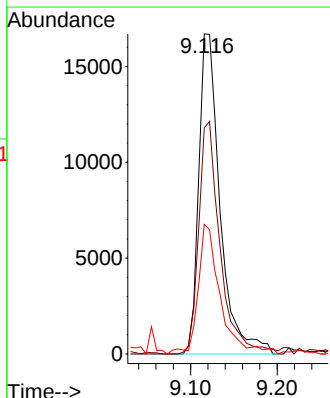
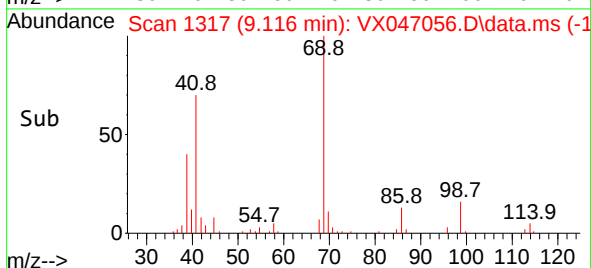


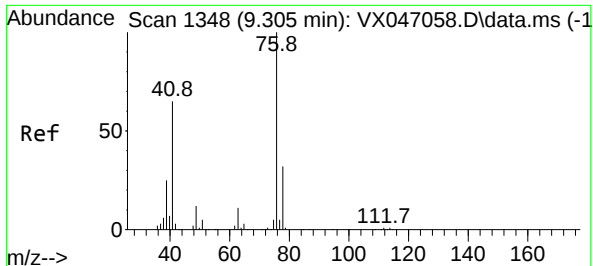
#56
 Ethyl methacrylate
 Concen: 5.072 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. -0.000 min
 Lab File: VX047056.D
 Acq: 21 Jul 2025 10:08



Tgt Ion: 69 Resp: 28587

Ion	Ratio	Lower	Upper
69	100		
41	72.7	56.1	84.1
39	42.1	31.1	46.7





#57

1,3-Dichloropropane

Concen: 5.629 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX047056.D

Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 3725

Ion Ratio Lower Upper

76 100

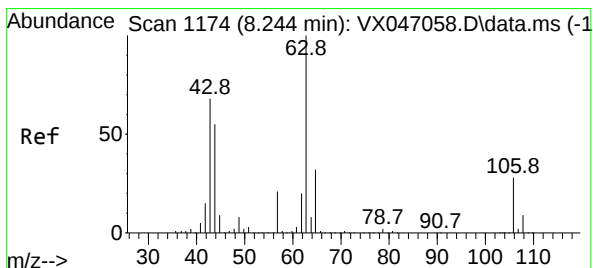
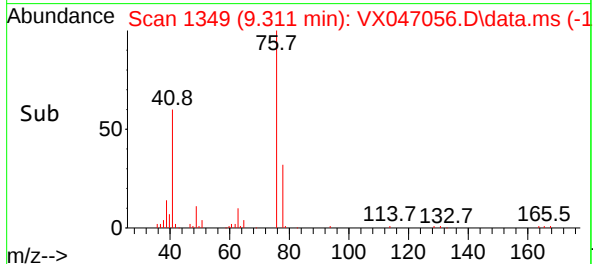
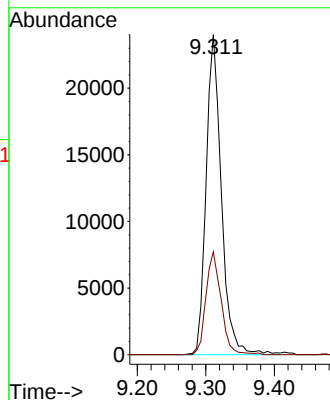
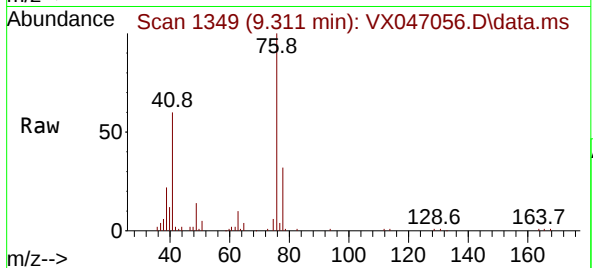
78 32.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#58

2-Chloroethyl Vinyl ether

Concen: 31.066 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX047056.D

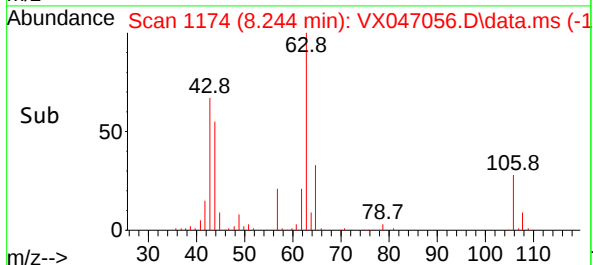
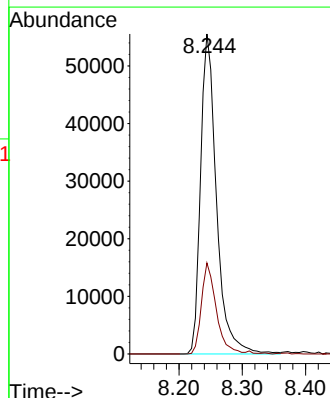
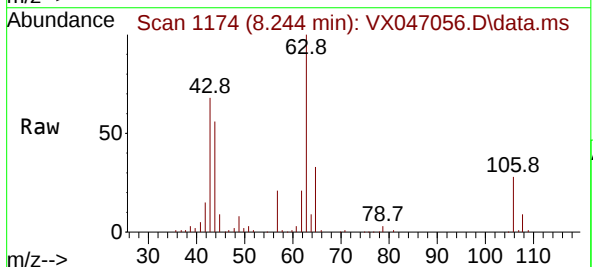
Acq: 21 Jul 2025 10:08

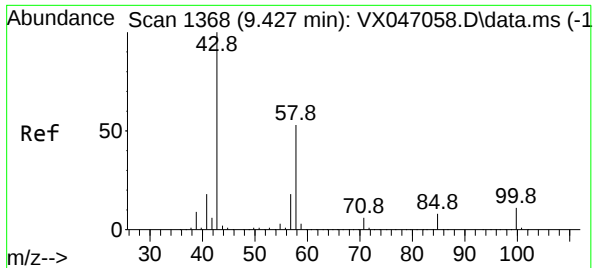
Tgt Ion: 63 Resp: 97443

Ion Ratio Lower Upper

63 100

106 26.7 22.2 33.4





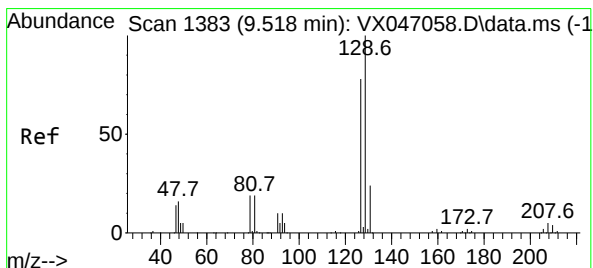
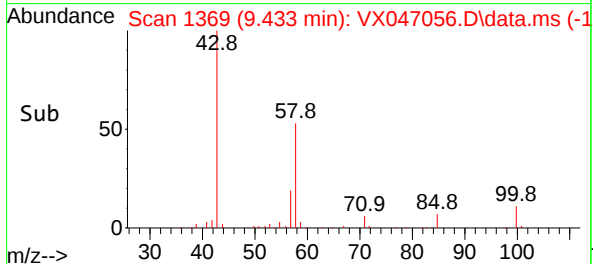
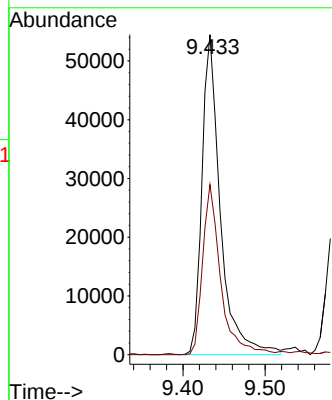
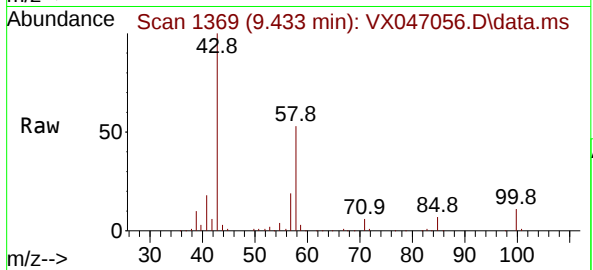
#59
2-Hexanone
Concen: 26.276 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 84572
Ion Ratio Lower Upper
43 100
58 52.3 26.5 79.5

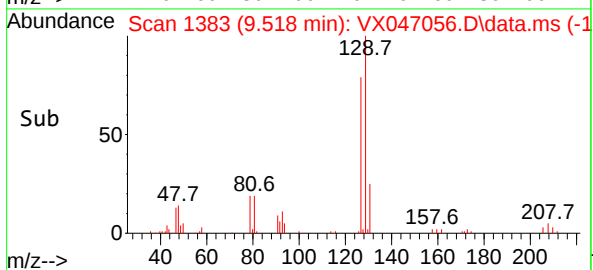
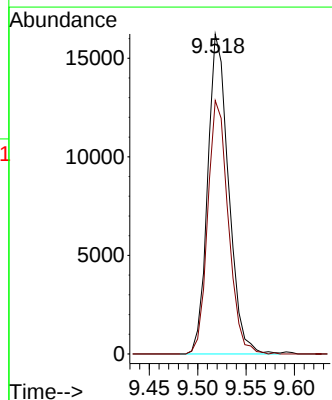
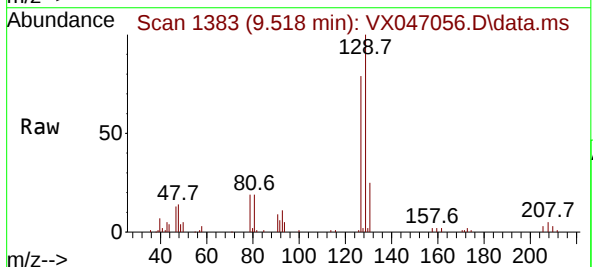
Manual Integrations
APPROVED

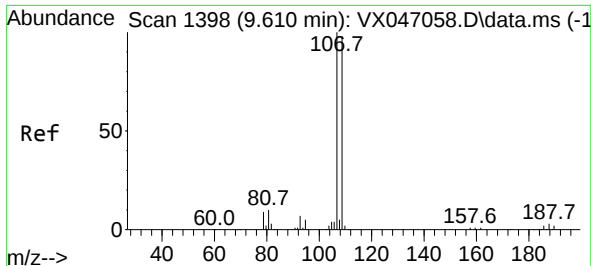
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#60
Dibromochloromethane
Concen: 5.454 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

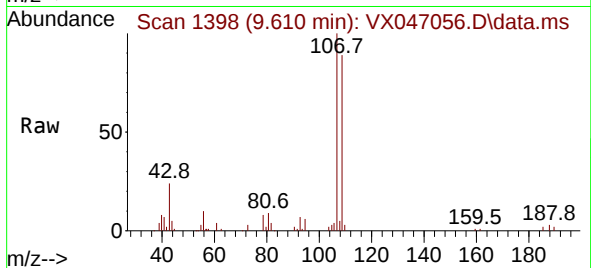
Tgt Ion:129 Resp: 24354
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.8





#61
1,2-Dibromoethane
Concen: 5.420 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

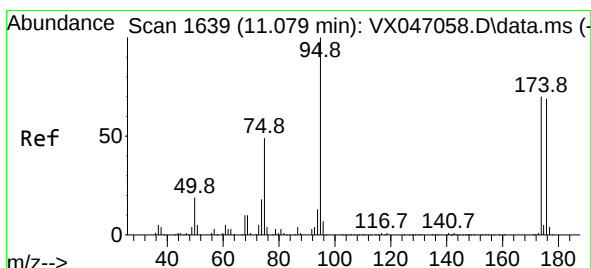
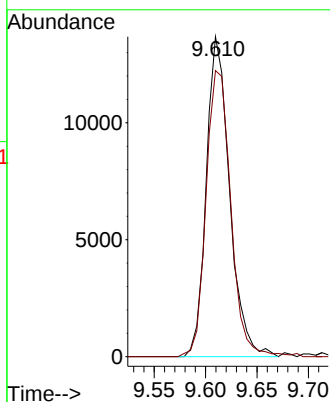
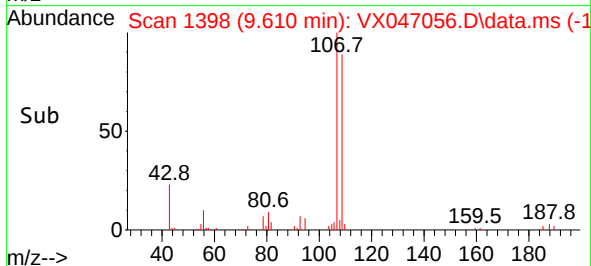
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:107 Resp: 21578
Ion Ratio Lower Upper
107 100
109 95.2 74.6 112.0

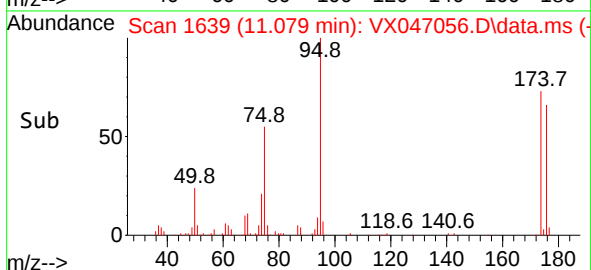
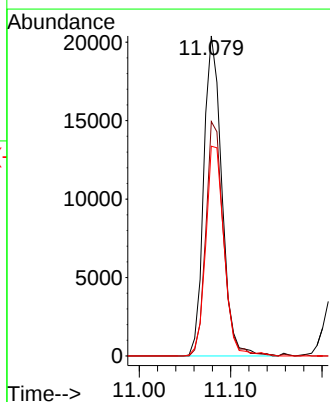
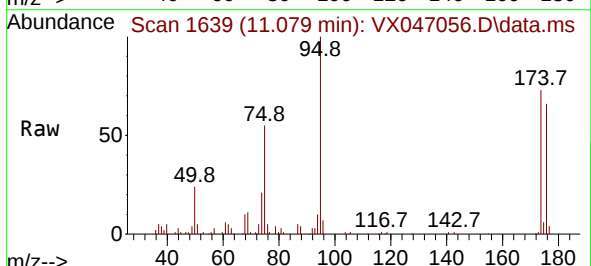
Manual Integrations
APPROVED

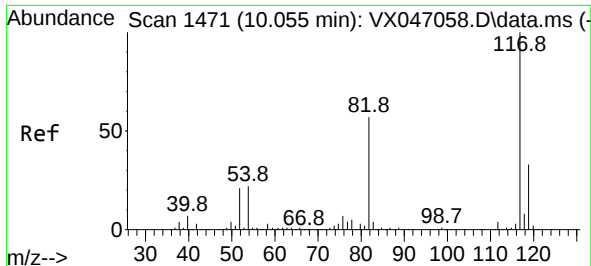
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#62
4-Bromofluorobenzene
Concen: 5.968 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

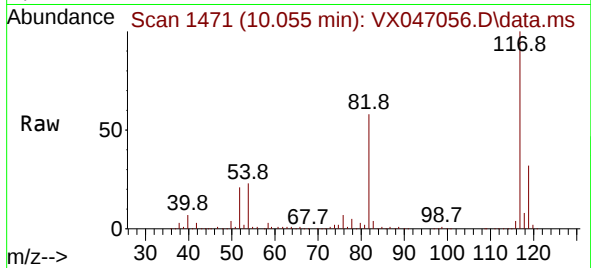
Tgt Ion: 95 Resp: 27880
Ion Ratio Lower Upper
95 100
174 71.5 0.0 144.6
176 67.1 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

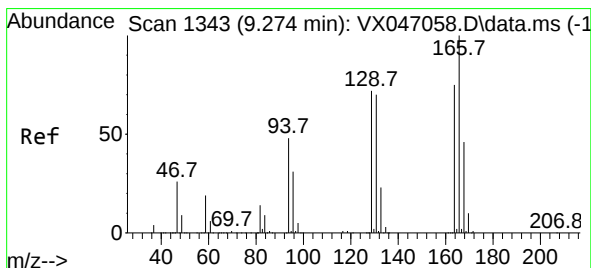
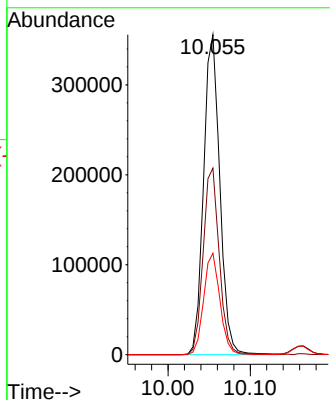
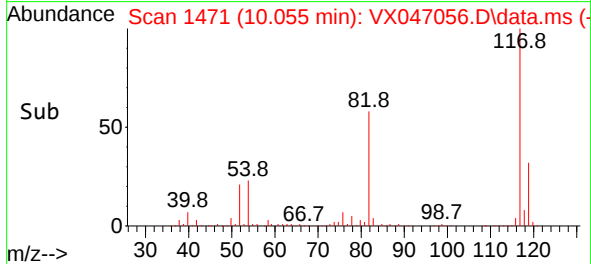
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



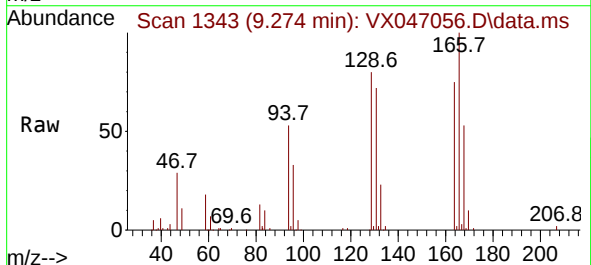
Tgt Ion:117 Resp: 48868
Ion Ratio Lower Upper
117 100
82 58.3 45.4 68.2
119 31.7 26.1 39.1

Manual Integrations
APPROVED

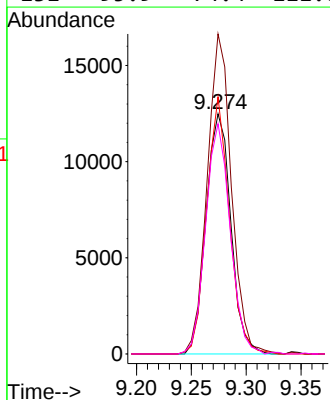
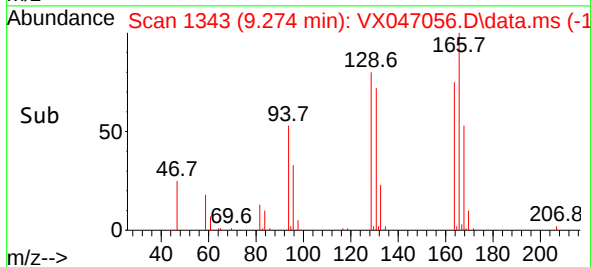
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

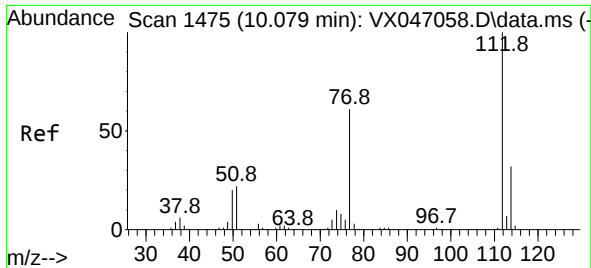


#64
Tetrachloroethene
Concen: 5.592 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08



Tgt Ion:164 Resp: 19701
Ion Ratio Lower Upper
164 100
166 133.2 106.2 159.4
129 106.9 76.6 114.8
131 95.9 74.4 111.6





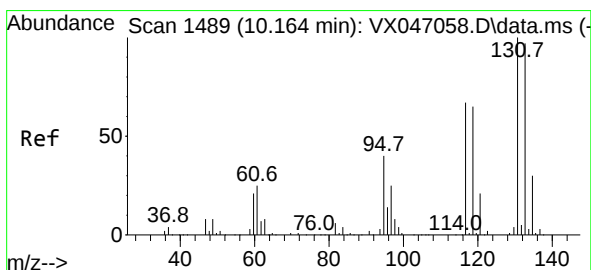
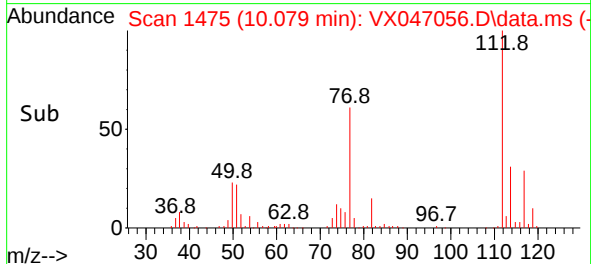
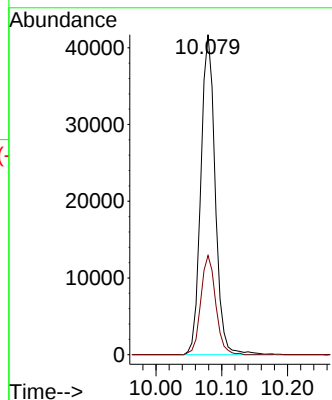
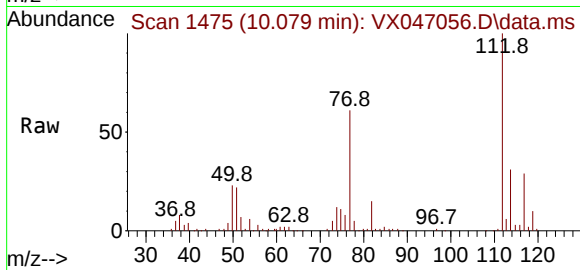
#65
Chlorobenzene
Concen: 5.526 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 63268
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6

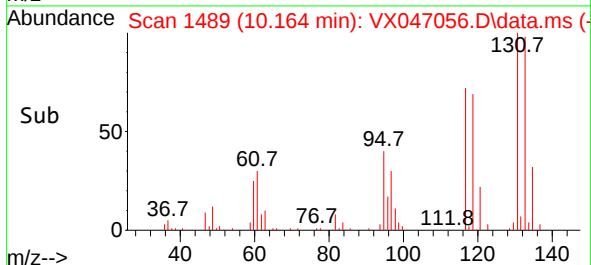
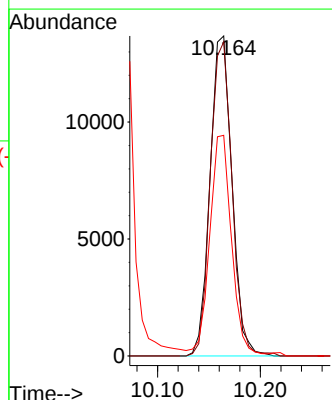
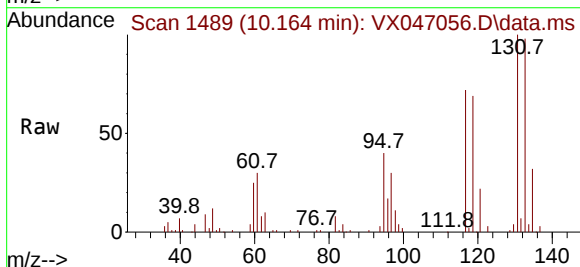
Manual Integrations
APPROVED

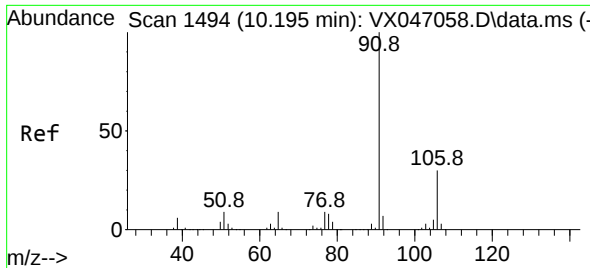
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 5.267 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

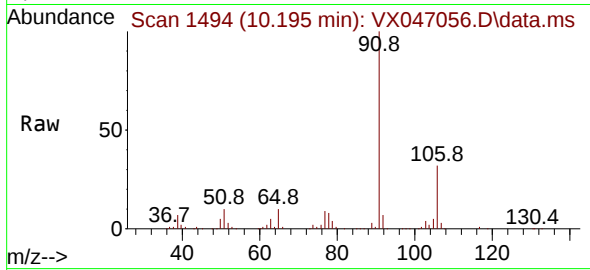
Tgt Ion:131 Resp: 20300
Ion Ratio Lower Upper
131 100
133 97.1 48.4 145.3
119 66.9 32.4 97.0





#67
Ethyl Benzene
Concen: 5.345 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

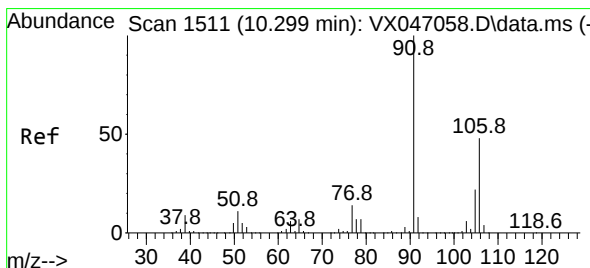
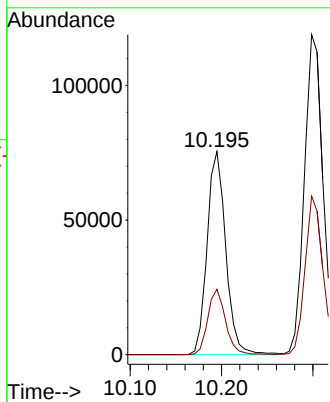
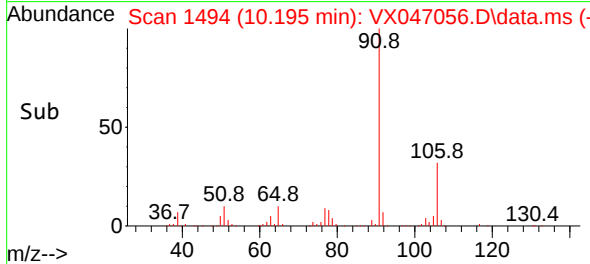
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 91 Resp: 106984
Ion Ratio Lower Upper
91 100
106 32.2 24.2 36.4

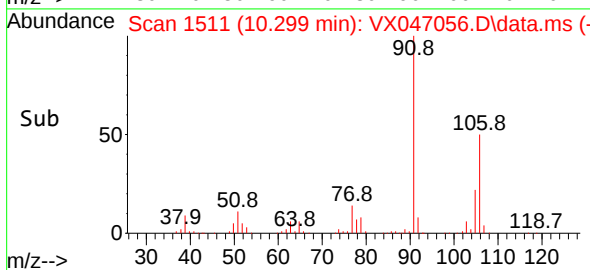
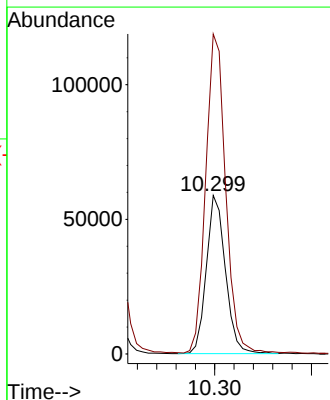
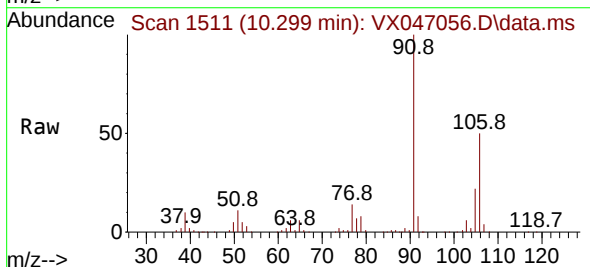
Manual Integrations
APPROVED

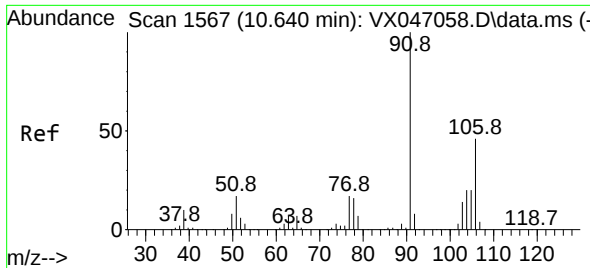
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#68
m/p-Xylenes
Concen: 10.791 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

Tgt Ion:106 Resp: 80835
Ion Ratio Lower Upper
106 100
91 211.3 167.4 251.0





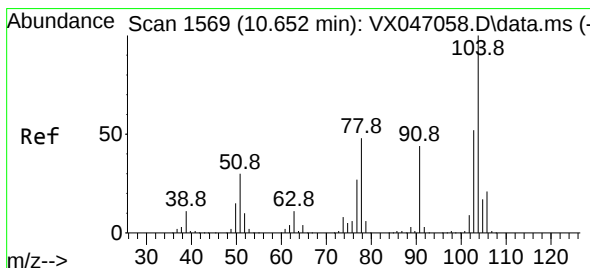
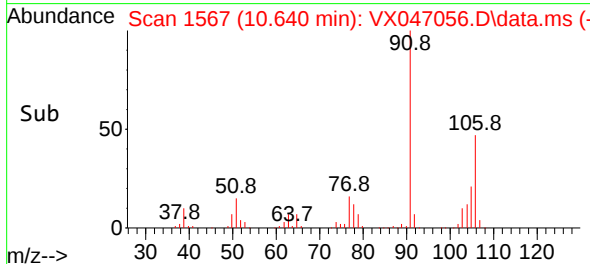
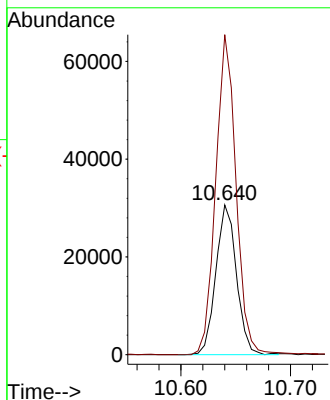
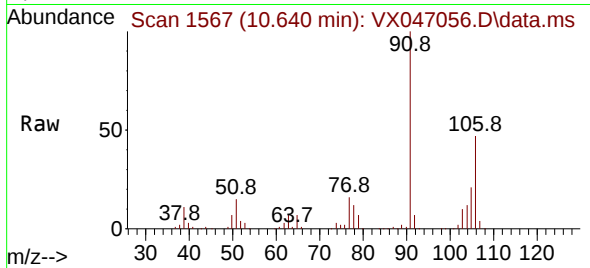
#69
o-Xylene
Concen: 5.623 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 4007
Ion Ratio Lower Upper
106 100
91 211.4 110.3 331.0

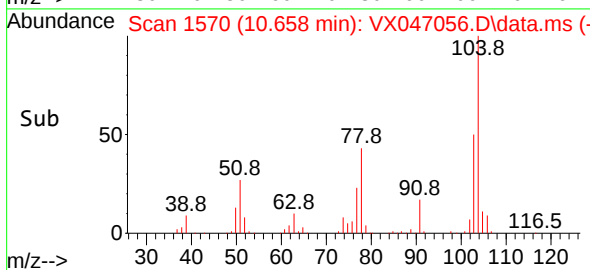
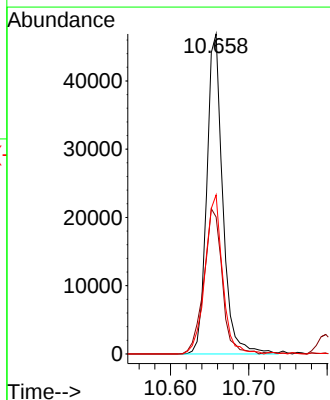
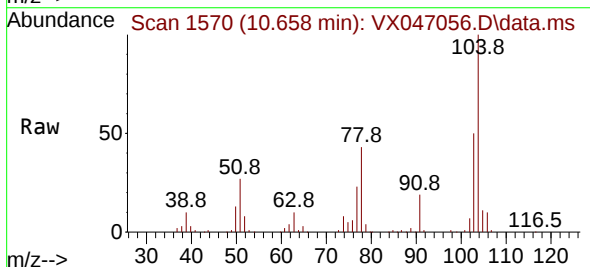
Manual Integrations
APPROVED

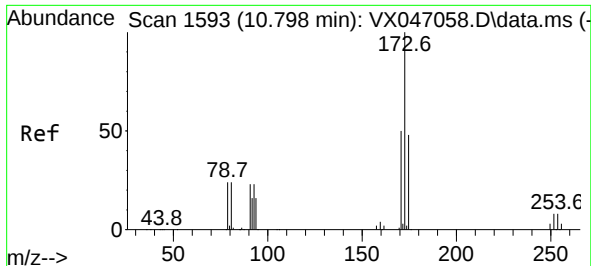
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#70
Styrene
Concen: 5.424 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

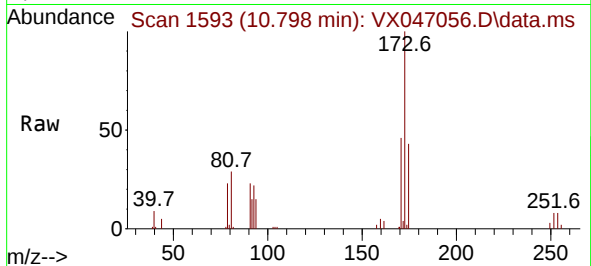
Tgt Ion:104 Resp: 66283
Ion Ratio Lower Upper
104 100
78 52.3 42.0 63.0
103 54.3 43.8 65.6





#71
Bromoform
Concen: 5.384 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

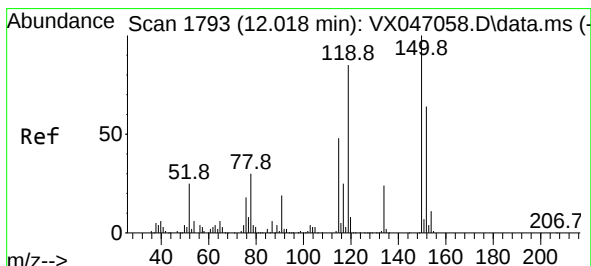
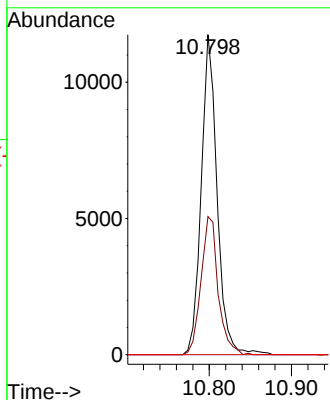
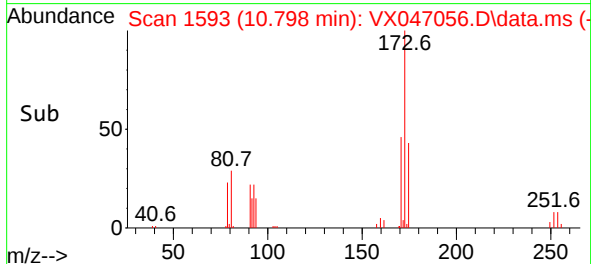
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



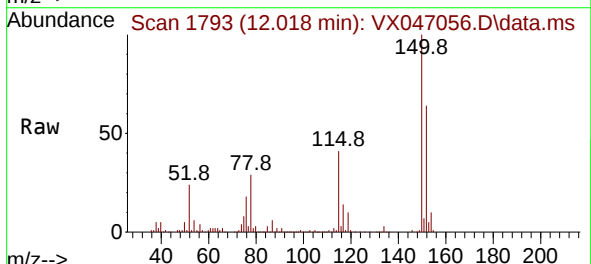
Tgt Ion:173 Resp: 1576
Ion Ratio Lower Upper
173 100
175 46.6 24.2 72.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

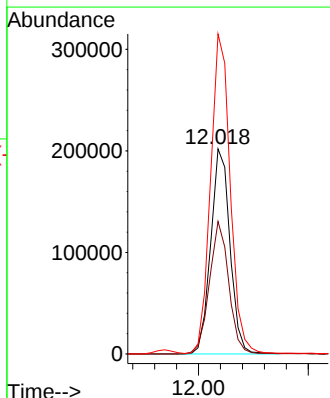
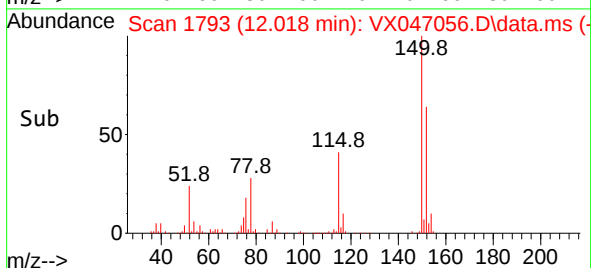
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

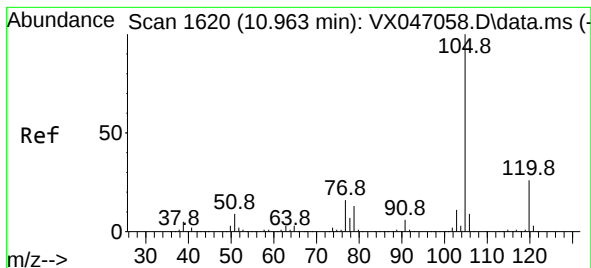


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08



Tgt Ion:152 Resp: 246301
Ion Ratio Lower Upper
152 100
115 65.0 45.6 136.7
150 159.5 0.0 354.6





#73

Isopropylbenzene

Concen: 5.257 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047056.D

Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 10215

Ion Ratio Lower Upper

105 100

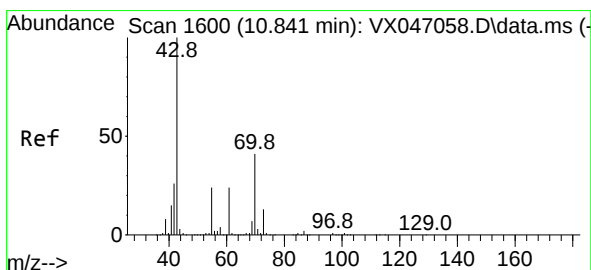
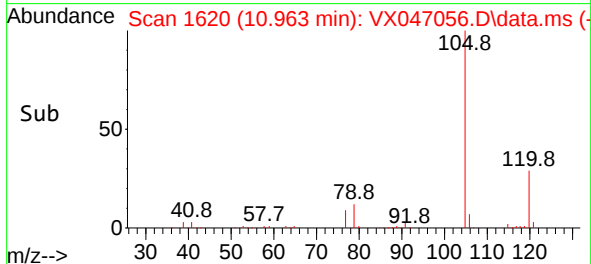
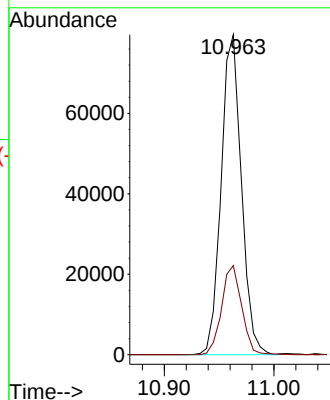
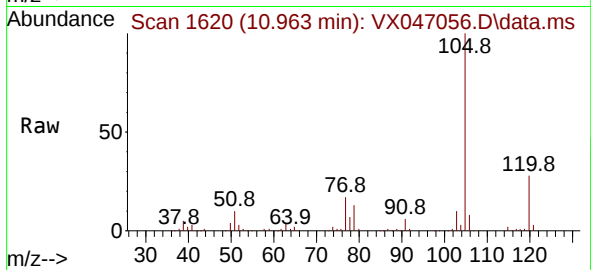
120 27.6 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#74

N-ethyl acetate

Concen: 4.769 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX047056.D

Acq: 21 Jul 2025 10:08

Tgt Ion: 43 Resp: 36965

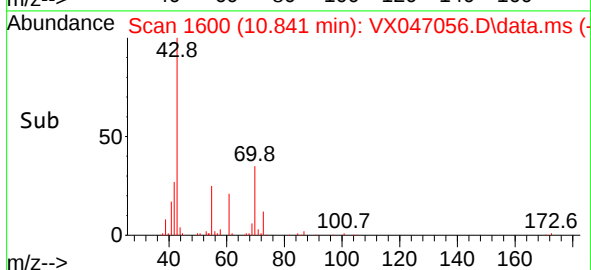
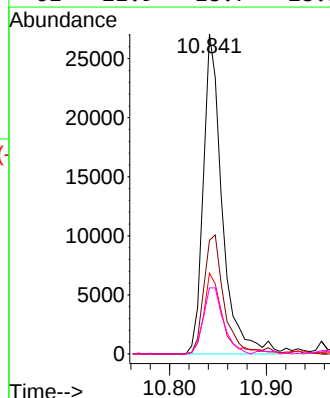
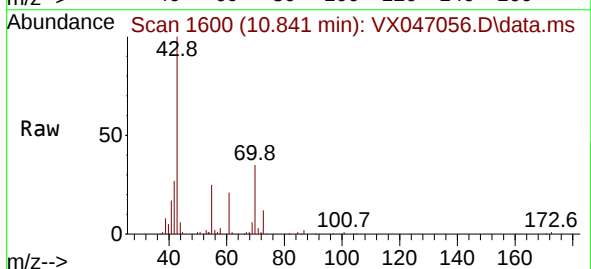
Ion Ratio Lower Upper

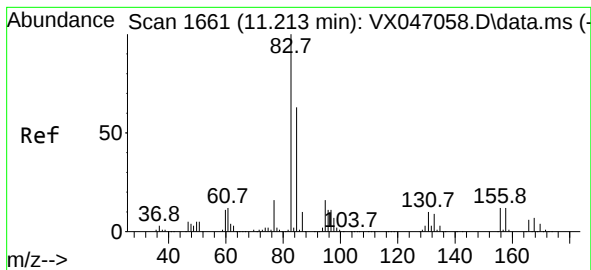
43 100

70 40.0 32.3 48.5

55 25.3 18.9 28.3

61 21.9 18.7 28.1





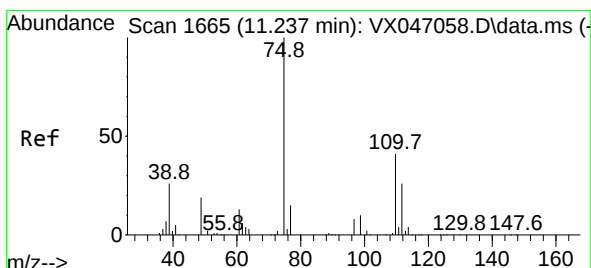
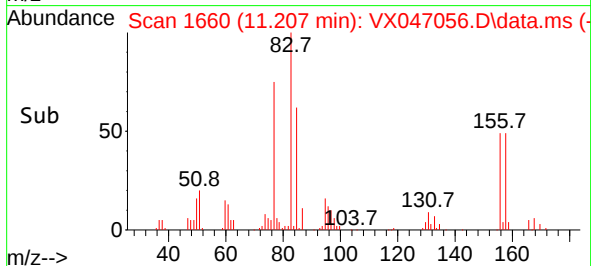
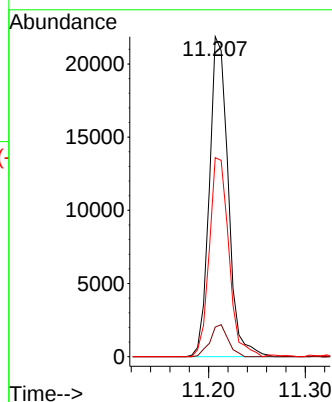
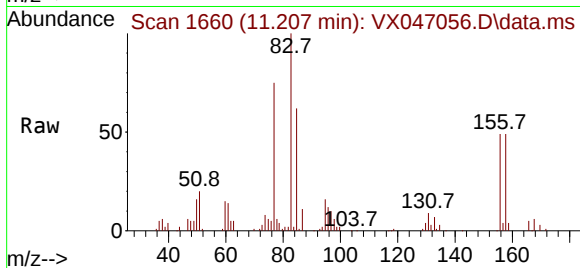
#75
1,1,2,2-Tetrachloroethane
Concen: 5.338 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 2962
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 64.5 32.0 96.2

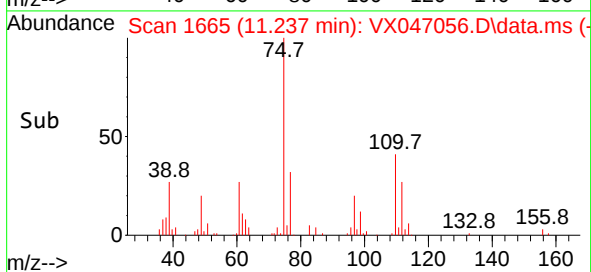
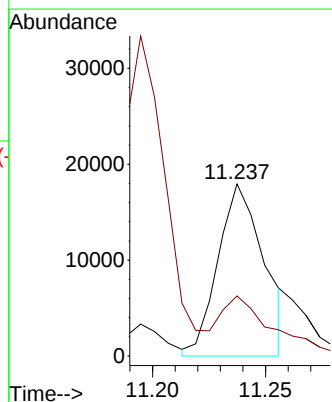
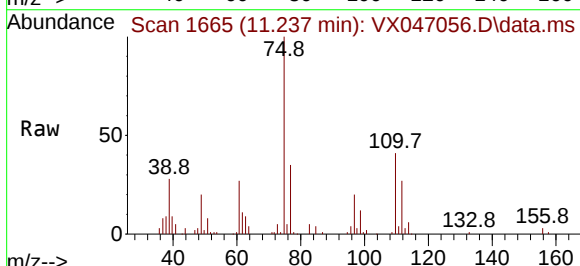
Manual Integrations
APPROVED

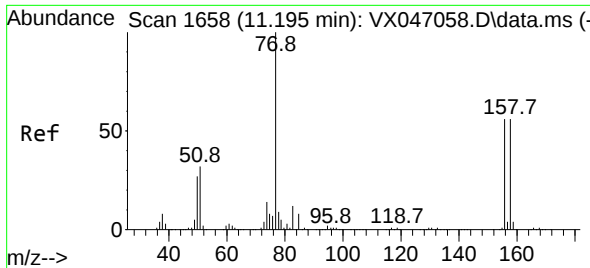
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#76
1,2,3-Trichloropropane
Concen: 5.546 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

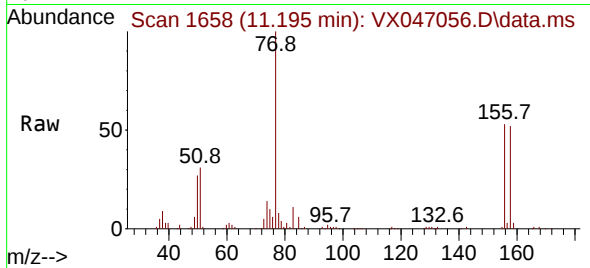
Tgt Ion: 75 Resp: 25285
Ion Ratio Lower Upper
75 100
77 38.7 21.6 65.0





#77
Bromobenzene
Concen: 5.267 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

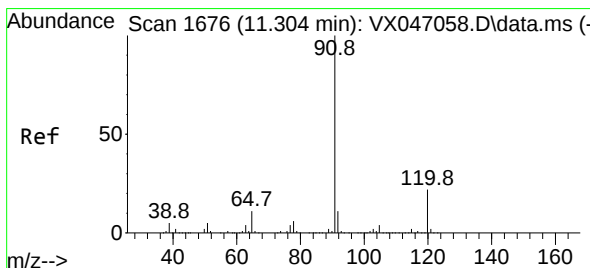
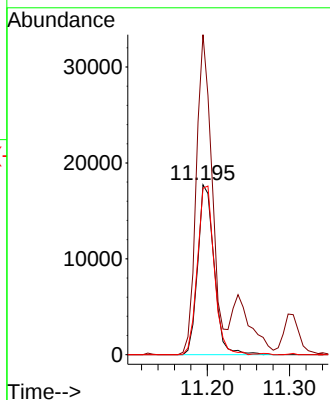
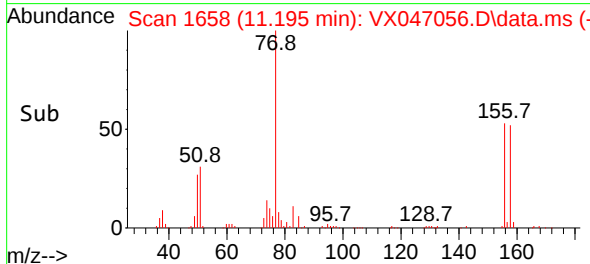
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



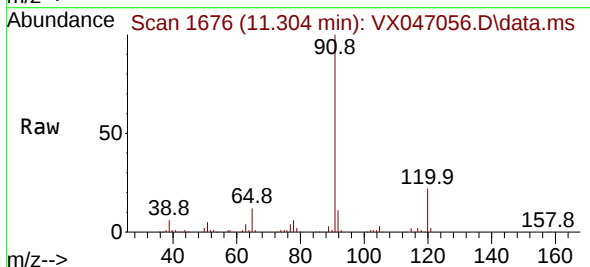
Tgt Ion:156 Resp: 24549
Ion Ratio Lower Upper
156 100
77 182.6 87.3 261.9
158 101.5 48.9 146.6

Manual Integrations
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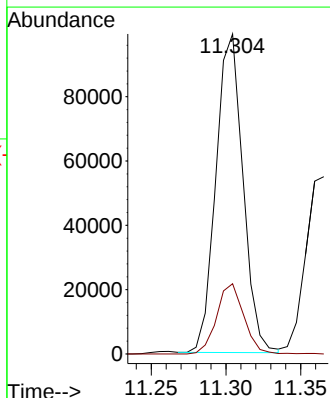
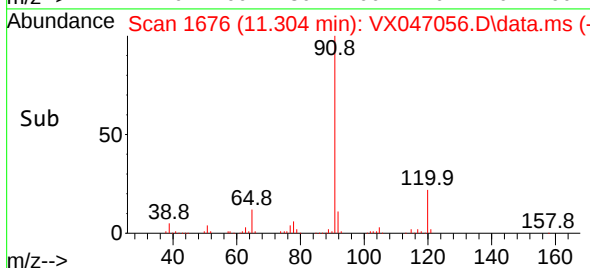
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

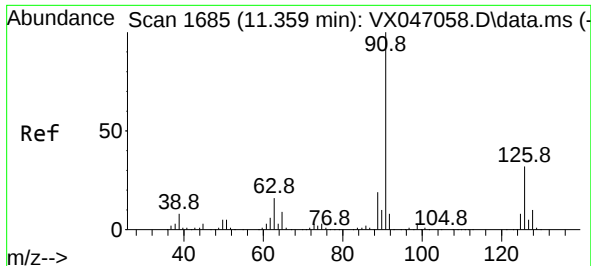


#78
n-propylbenzene
Concen: 5.368 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08



Tgt Ion: 91 Resp: 124648
Ion Ratio Lower Upper
91 100
120 22.2 11.0 33.0





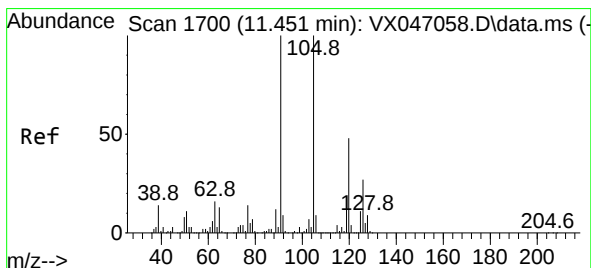
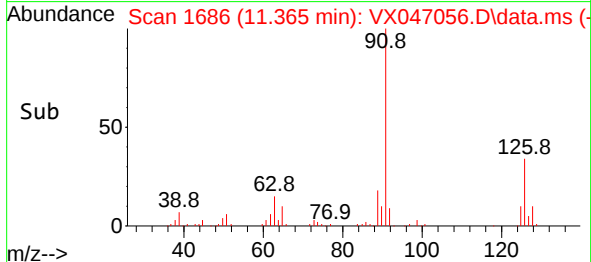
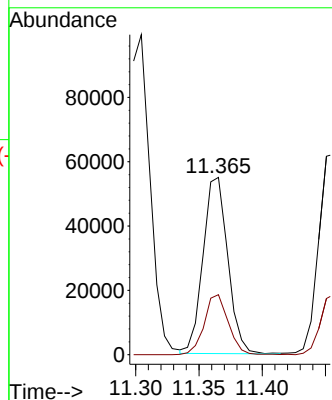
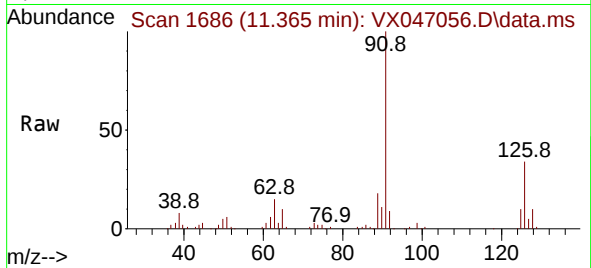
#79
2-Chlorotoluene
Concen: 5.387 ug/l
RT: 11.365 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 7478
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.4

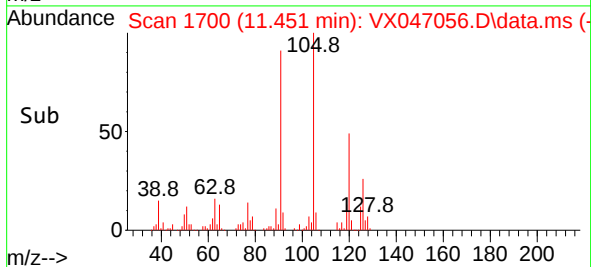
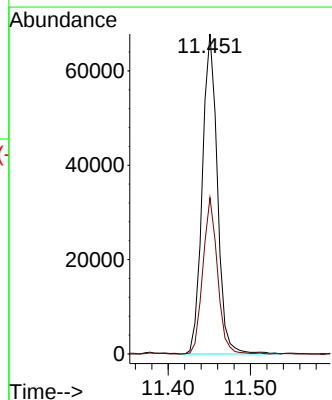
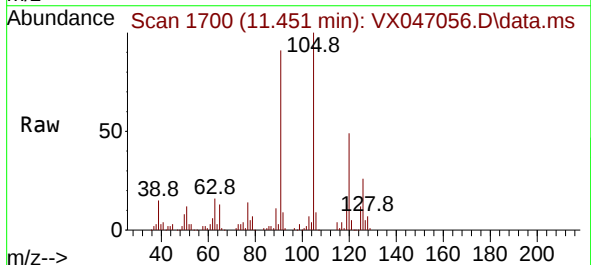
Manual Integrations
APPROVED

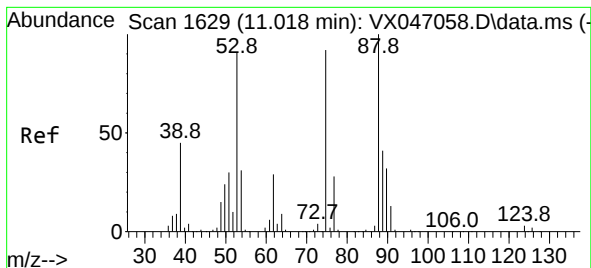
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#80
1,3,5-Trimethylbenzene
Concen: 5.383 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

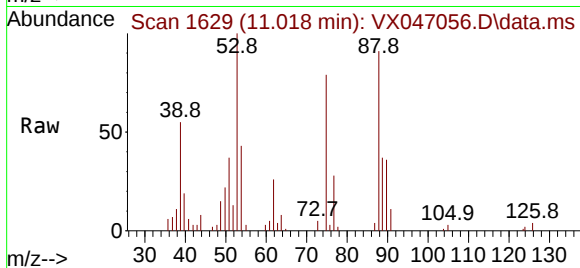
Tgt Ion:105 Resp: 86414
Ion Ratio Lower Upper
105 100
120 47.4 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 4.186 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

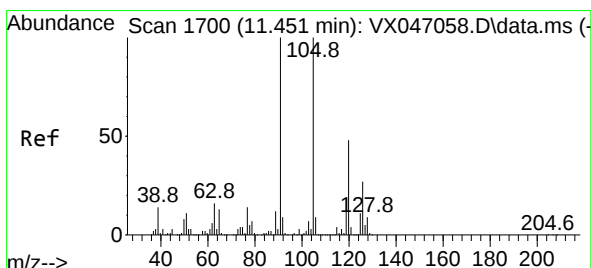
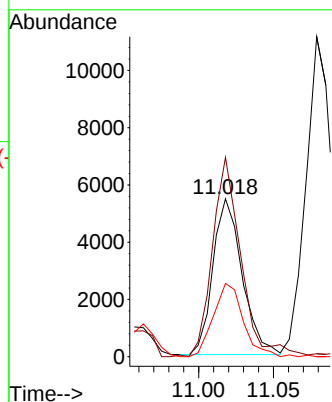
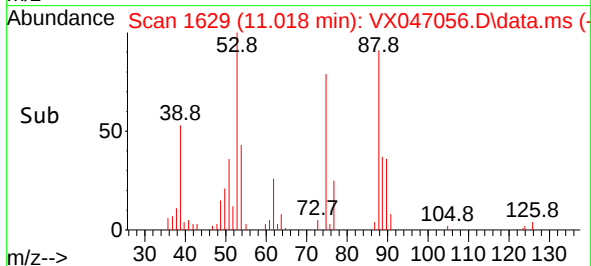
Instrument : MSVOA_X
ClientSampleId : VSTDIC005



Tgt Ion: 75 Resp: 740
Ion Ratio Lower Upper
75 100
53 124.4 84.2 126.4
89 48.2 36.0 54.0

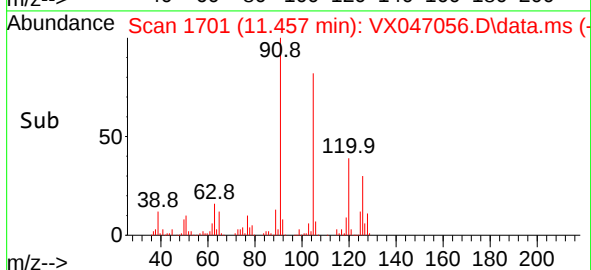
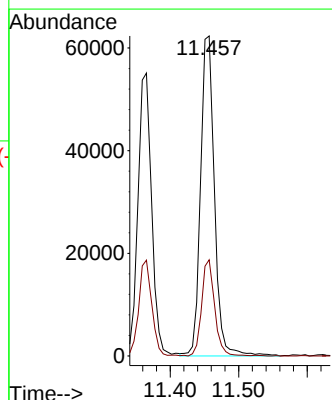
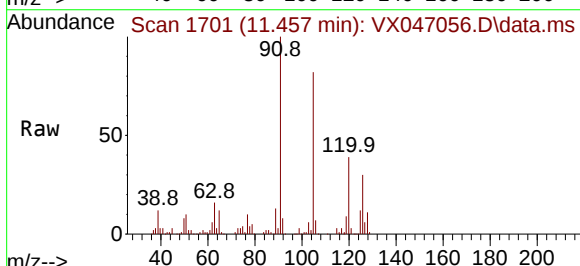
Manual Integrations
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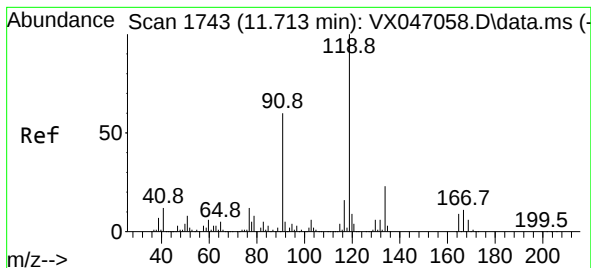
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#82
4-Chlorotoluene
Concen: 5.450 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

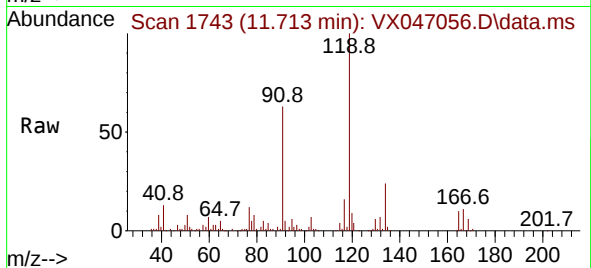
Tgt Ion: 91 Resp: 88304
Ion Ratio Lower Upper
91 100
126 27.7 14.1 42.3





#83
tert-Butylbenzene
Concen: 5.248 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

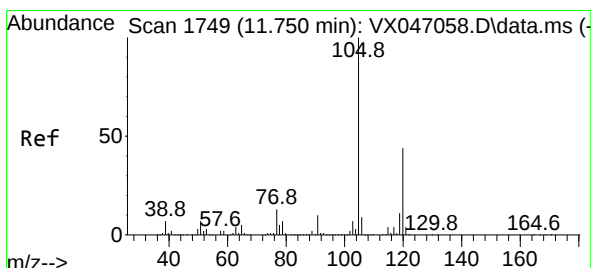
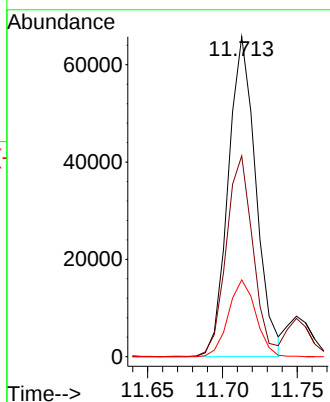
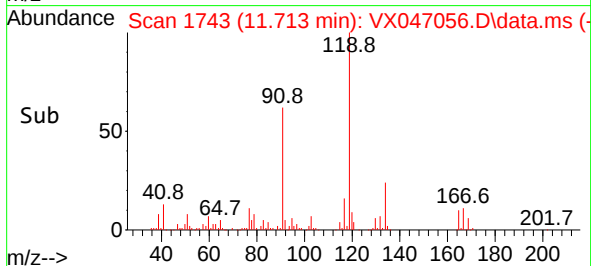
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



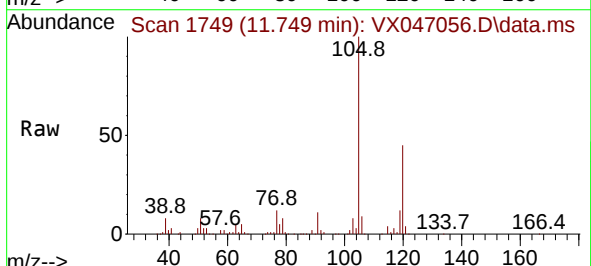
Tgt Ion:119 Resp: 84560
Ion Ratio Lower Upper
119 100
91 61.4 29.6 88.8
134 23.8 11.4 34.1

Manual Integrations
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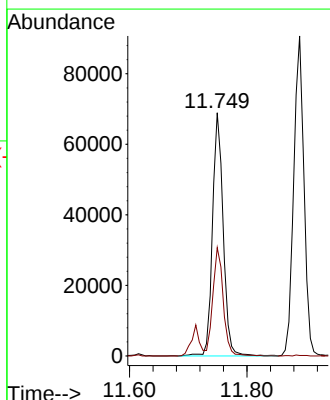
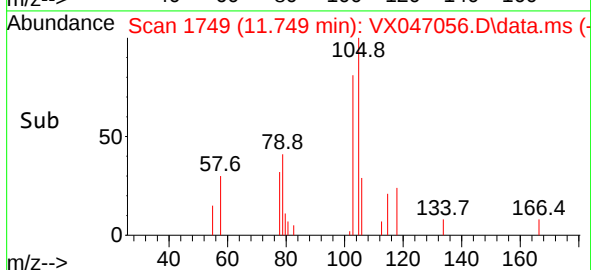
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

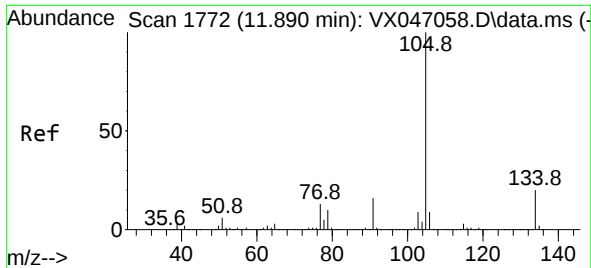


#84
1,2,4-Trimethylbenzene
Concen: 5.451 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08



Tgt Ion:105 Resp: 87289
Ion Ratio Lower Upper
105 100
120 43.1 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 5.477 ug/l
 RT: 11.890 min Scan# 11772
 Delta R.T. -0.000 min
 Lab File: VX047056.D
 Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

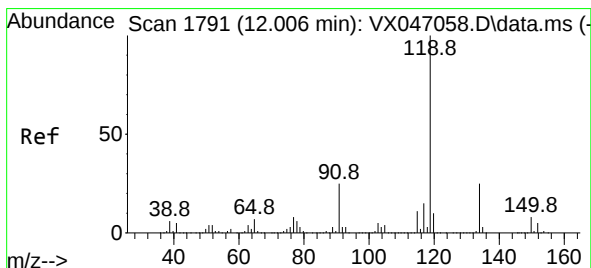
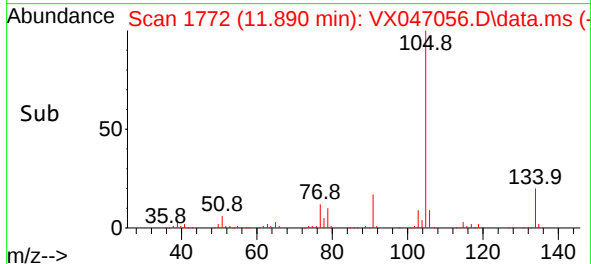
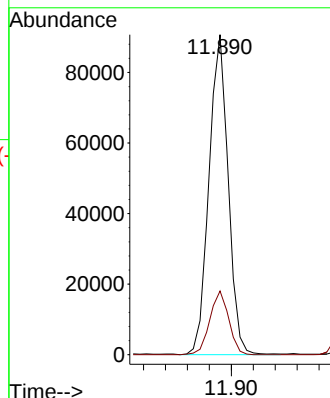
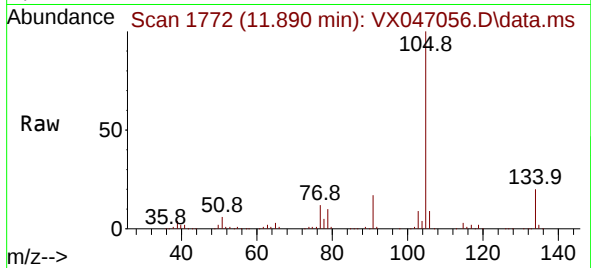
Tgt Ion:105 Resp: 11025
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.9 29.7

Manual Integrations

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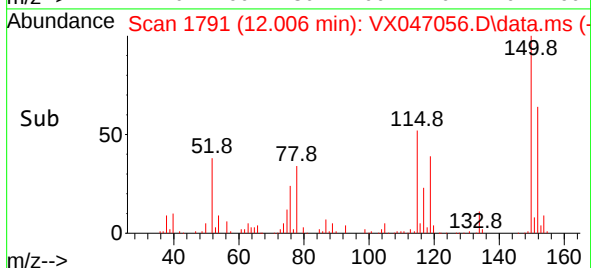
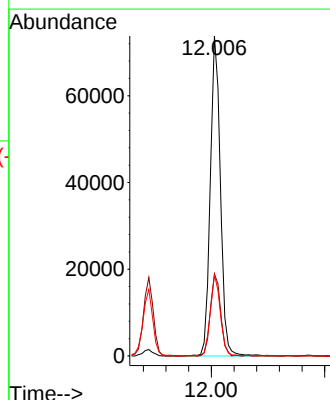
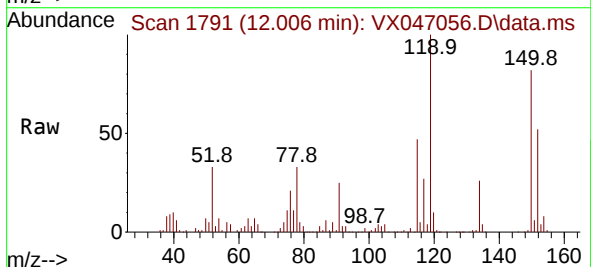
Reviewed By :John Carlone 07/22/2025

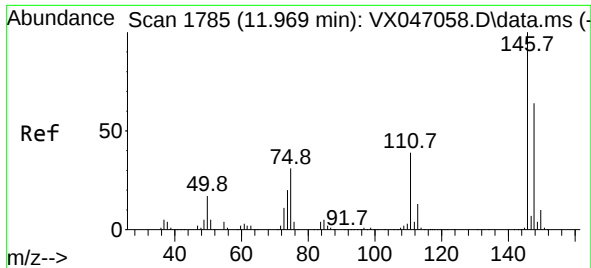
Supervised By :Mahesh Dadoda 07/22/2025



#86
 p-Isopropyltoluene
 Concen: 5.457 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX047056.D
 Acq: 21 Jul 2025 10:08

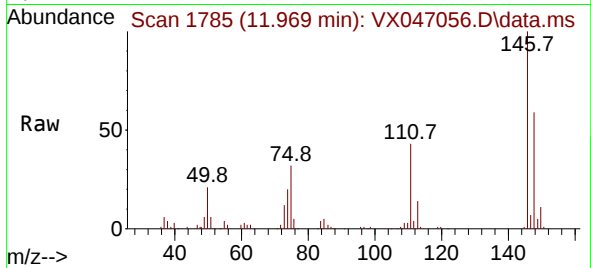
Tgt Ion:119 Resp: 91112
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.4
 91 25.1 12.4 37.4





#87
 1,3-Dichlorobenzene
 Concen: 5.473 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.000 min
 Lab File: VX047056.D
 Acq: 21 Jul 2025 10:08

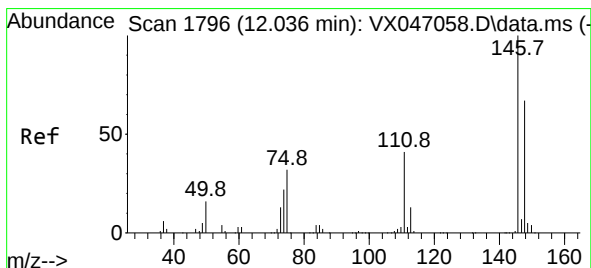
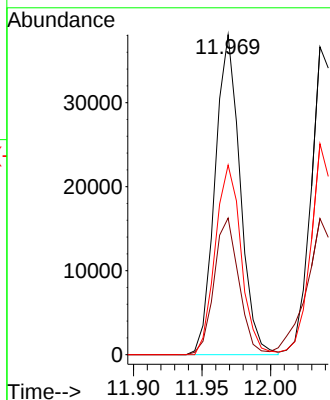
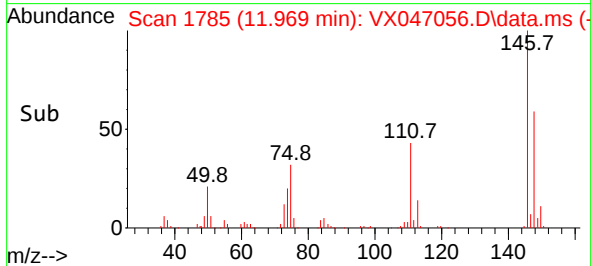
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



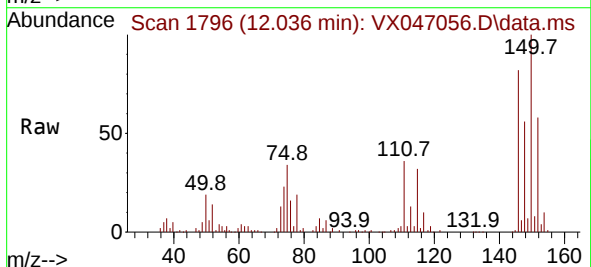
Tgt Ion:146 Resp: 48460
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.0 63.0
 148 61.3 32.0 96.0

Manual Integrations
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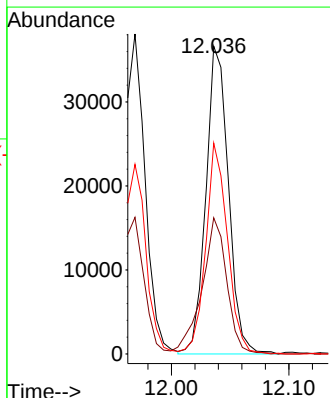
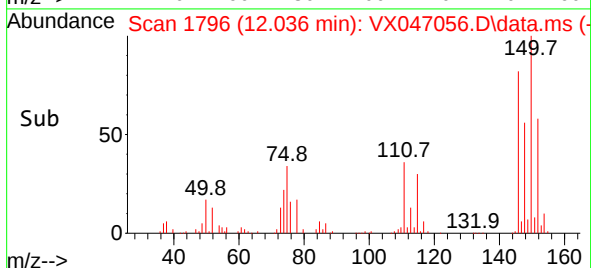
Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025

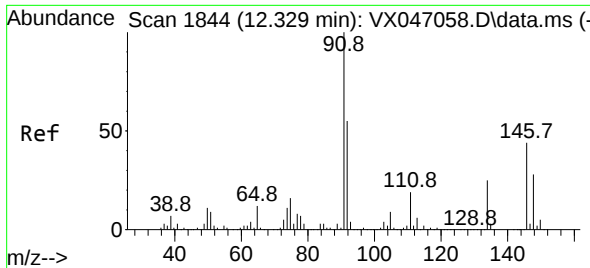


#88
 1,4-Dichlorobenzene
 Concen: 5.441 ug/l
 RT: 12.036 min Scan# 1796
 Delta R.T. -0.000 min
 Lab File: VX047056.D
 Acq: 21 Jul 2025 10:08



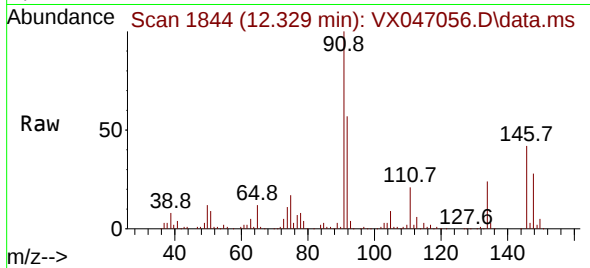
Tgt Ion:146 Resp: 48817
 Ion Ratio Lower Upper
 146 100
 111 49.0 20.6 61.9
 148 66.3 33.0 98.9





#89
n-Butylbenzene
Concen: 5.219 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

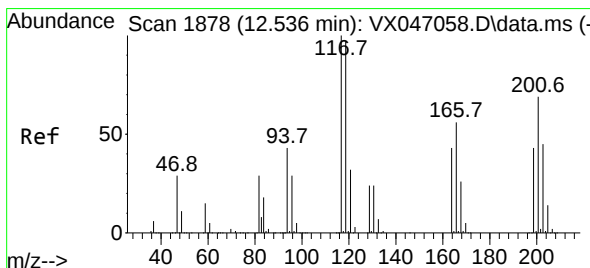
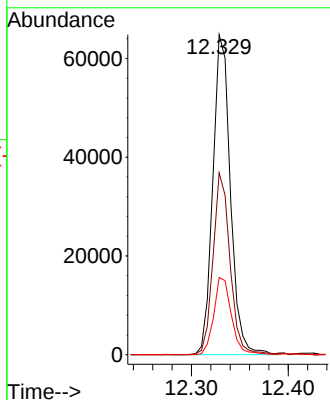
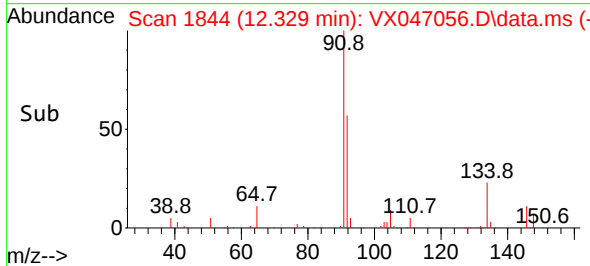
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 81710
Ion Ratio Lower Upper
91 100
92 55.4 27.5 82.5
134 24.3 12.8 38.3

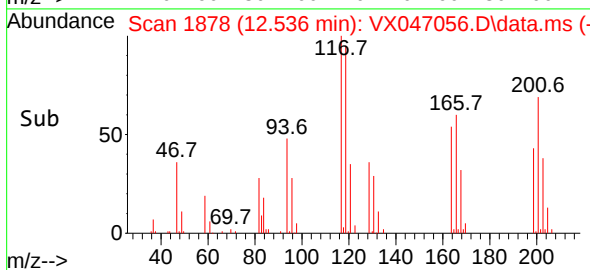
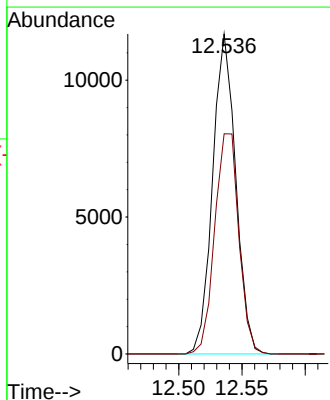
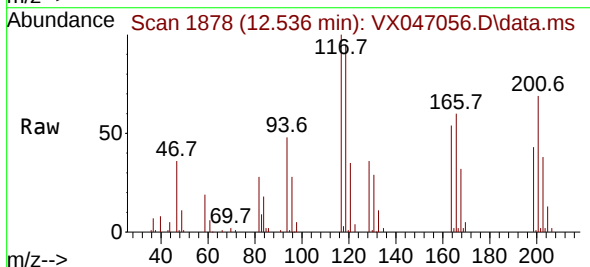
Manual Integrations
APPROVED

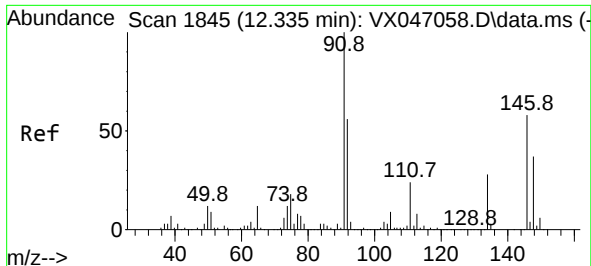
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#90
Hexachloroethane
Concen: 4.953 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

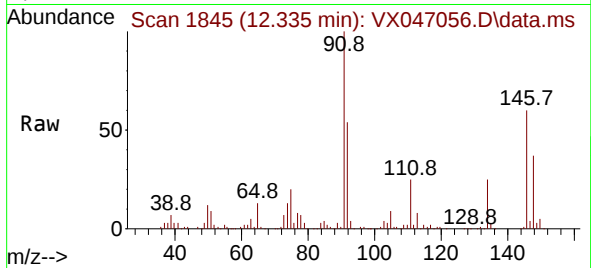
Tgt Ion:117 Resp: 14794
Ion Ratio Lower Upper
117 100
201 72.2 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 5.450 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

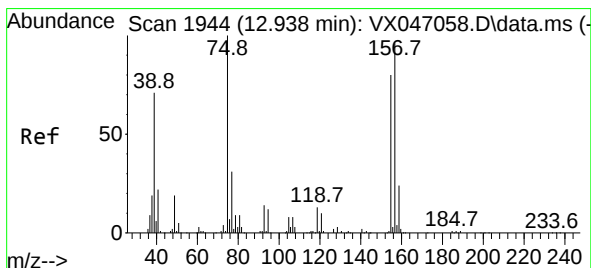
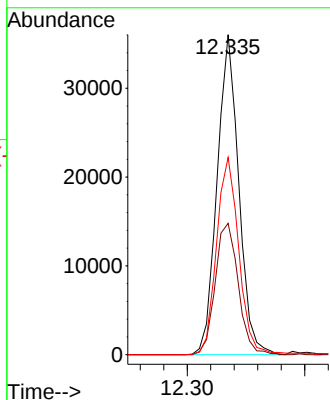
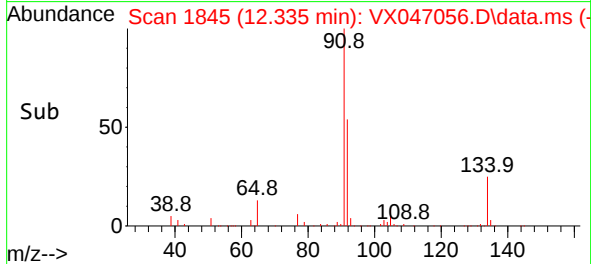
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



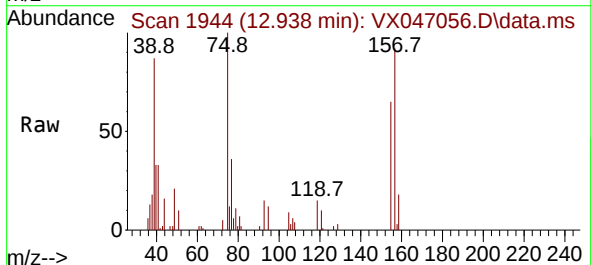
Tgt Ion:146 Resp: 46129
Ion Ratio Lower Upper
146 100
111 43.7 21.6 64.6
148 63.8 31.9 95.7

Manual Integrations
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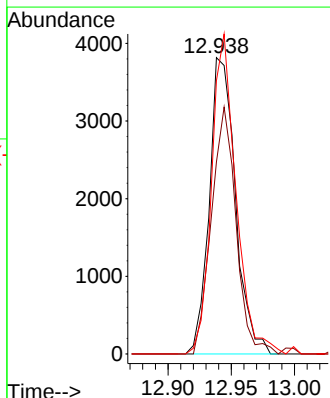
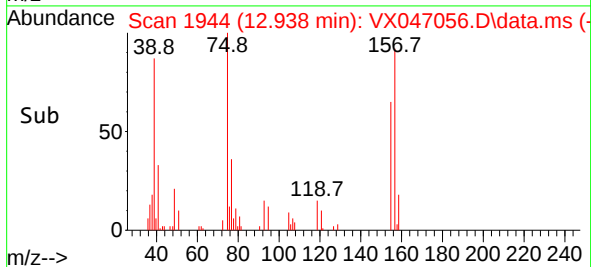
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

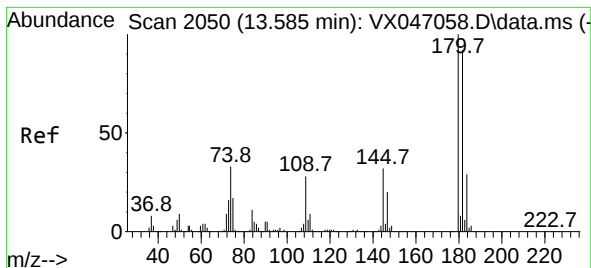


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.148 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08



Tgt Ion: 75 Resp: 5485
Ion Ratio Lower Upper
75 100
155 78.4 41.3 124.1
157 100.8 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 5.239 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX047056.D

Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

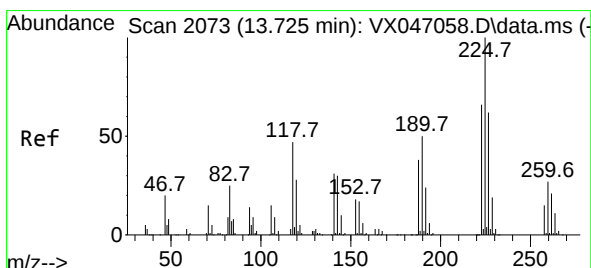
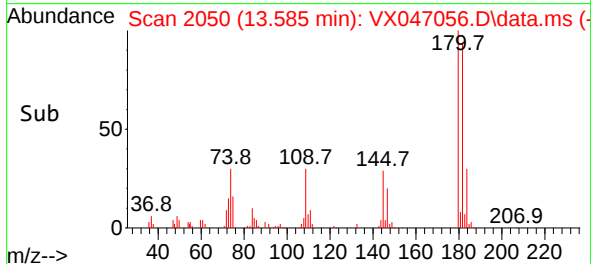
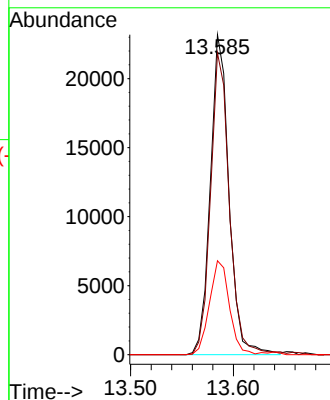
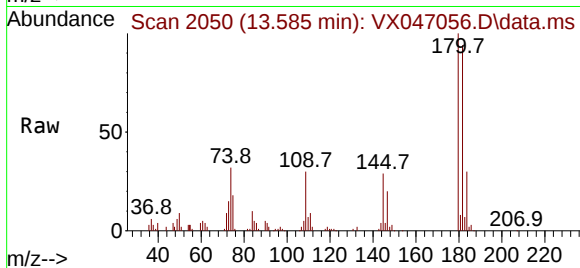
Tgt Ion:	180	Resp:	29290
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.3	141.8
145	31.2	16.4	49.1

Manual Integrations

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Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#94

Hexachlorobutadiene

Concen: 5.122 ug/l

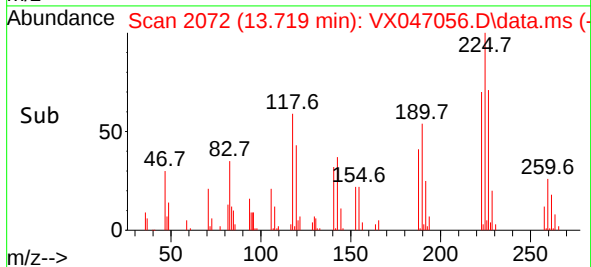
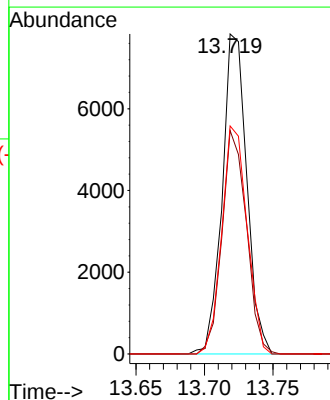
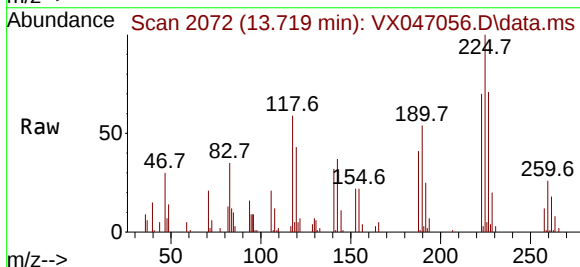
RT: 13.719 min Scan# 2072

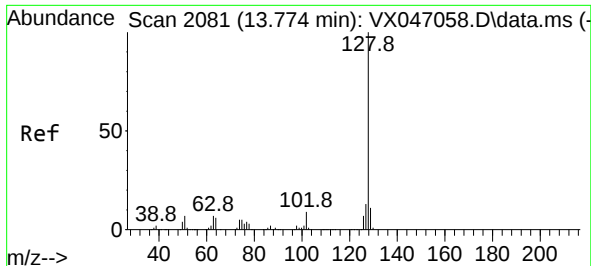
Delta R.T. -0.006 min

Lab File: VX047056.D

Acq: 21 Jul 2025 10:08

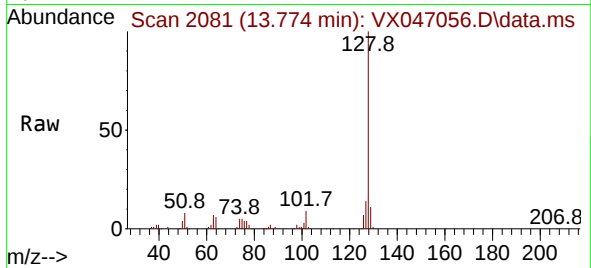
Tgt Ion:	225	Resp:	9742
Ion Ratio	Lower	Upper	
225	100		
223	69.6	31.6	95.0
227	73.4	32.9	98.6





#95
Naphthalene
Concen: 4.854 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

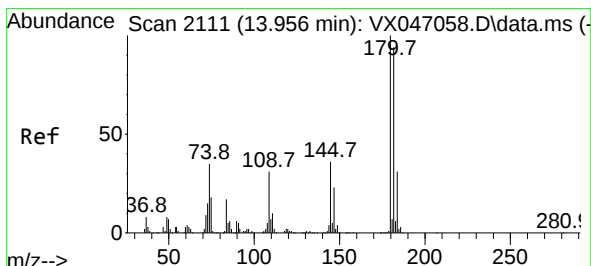
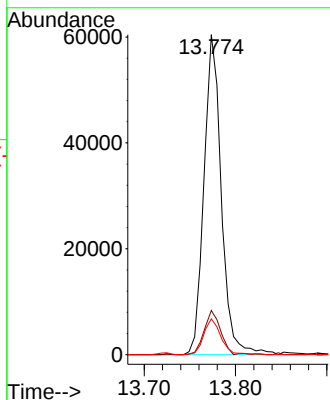
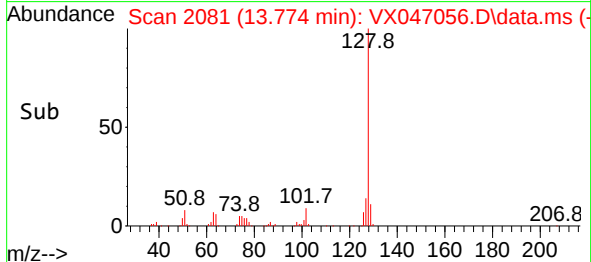
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 7956
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#96
1,2,3-Trichlorobenzene
Concen: 5.120 ug/l
RT: 13.962 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX047056.D
Acq: 21 Jul 2025 10:08

Tgt Ion:180 Resp: 27584
Ion Ratio Lower Upper
180 100
182 95.2 46.9 140.6
145 33.1 17.3 52.0

