

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
 Data File : VX047169.D
 Acq On : 28 Jul 2025 16:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/29/2025
 Supervised By : Mahesh Dadoda 07/29/2025

Quant Time: Jul 29 02:20:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	286224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	493518	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	434162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	210586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170950	47.946	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.900%		
35) Dibromofluoromethane	5.391	113	145648	47.798	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.600%		
50) Toluene-d8	8.647	98	440262	44.615	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.220%#		
62) 4-Bromofluorobenzene	11.079	95	201350	47.347	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	185105	48.689	ug/l	97
3) Chloromethane	1.307	50	162507	43.213	ug/l	99
4) Vinyl Chloride	1.392	62	201429	49.827	ug/l	99
5) Bromomethane	1.624	94	99793	45.444	ug/l	97
6) Chloroethane	1.703	64	114415	43.093	ug/l	98
7) Trichlorofluoromethane	1.904	101	289643	48.050	ug/l	98
8) Diethyl Ether	2.142	74	103728	48.804	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	174399	48.021	ug/l	99
10) Methyl Iodide	2.465	142	225384	60.893	ug/l	99
11) Tert butyl alcohol	2.959	59	113057	272.164	ug/l	100
12) 1,1-Dichloroethene	2.337	96	169030	46.992	ug/l	97
13) Acrolein	2.246	56	196323	255.727	ug/l	99
14) Allyl chloride	2.678	41	298494	45.907	ug/l	96
15) Acrylonitrile	3.075	53	442145	260.015	ug/l	99
16) Acetone	2.386	43	409439	286.656	ug/l	100
17) Carbon Disulfide	2.526	76	447475	43.001	ug/l	98
18) Methyl Acetate	2.709	43	223825	58.967	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	565895	51.693	ug/l	99
20) Methylene Chloride	2.800	84	186171	47.378	ug/l	96
21) trans-1,2-Dichloroethene	3.105	96	173598	47.162	ug/l	95
22) Diisopropyl ether	3.770	45	626143	50.088	ug/l	91
23) Vinyl Acetate	3.727	43	2631809	262.483	ug/l	100
24) 1,1-Dichloroethane	3.623	63	338779	48.735	ug/l	99
25) 2-Butanone	4.562	43	562644	270.533	ug/l	97
26) 2,2-Dichloropropane	4.483	77	269761	50.131	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	208827	47.910	ug/l	99
28) Bromochloromethane	4.910	49	154814	48.408	ug/l	99
29) Tetrahydrofuran	5.019	42	345741	257.652	ug/l	99
30) Chloroform	5.099	83	337380	47.679	ug/l	98
31) Cyclohexane	5.483	56	296702	44.514	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	293330	47.726	ug/l	99
36) 1,1-Dichloropropene	5.702	75	231032	44.480	ug/l	99
37) Ethyl Acetate	4.721	43	251702	52.590	ug/l	98
38) Carbon Tetrachloride	5.684	117	250609	45.205	ug/l	100
39) Methylcyclohexane	7.385	83	292997	45.180	ug/l	97
40) Benzene	6.044	78	698864	46.492	ug/l	100

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Quant Time: Jul 29 02:20:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Manual Integrations
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Reviewed By : John Carlone 07/29/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	118366	47.299	ug/l #	93
42) 1,2-Dichloroethane	6.092	62	253531	47.881	ug/l	98
43) Isopropyl Acetate	6.342	43	394576	52.882	ug/l	99
44) Trichloroethene	7.129	130	175550	45.542	ug/l	94
45) 1,2-Dichloropropane	7.434	63	176795	46.960	ug/l	94
46) Dibromomethane	7.580	93	124863	47.294	ug/l	99
47) Bromodichloromethane	7.824	83	266497	47.424	ug/l	97
48) Methyl methacrylate	7.690	41	202198	49.744	ug/l	100
49) 1,4-Dioxane	7.720	88	48850	1056.644	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	1153970	260.196	ug/l	100
52) Toluene	8.720	92	431573	46.693	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	261346	49.250	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	278149	47.891	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	164323	47.406	ug/l	99
56) Ethyl methacrylate	9.116	69	271682	52.944	ug/l	99
57) 1,3-Dichloropropane	9.305	76	284459	47.219	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	694142	243.088	ug/l	100
59) 2-Hexanone	9.427	43	808182	275.819	ug/l	99
60) Dibromochloromethane	9.519	129	194812	47.920	ug/l	100
61) 1,2-Dibromoethane	9.610	107	170420	47.020	ug/l	99
64) Tetrachloroethene	9.275	164	138662	44.303	ug/l	99
65) Chlorobenzene	10.079	112	470111	46.221	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	162850	47.556	ug/l	99
67) Ethyl Benzene	10.195	91	830586	46.705	ug/l	98
68) m/p-Xylenes	10.299	106	616193	92.592	ug/l	99
69) o-Xylene	10.640	106	301135	47.565	ug/l	100
70) Styrene	10.653	104	521214	48.011	ug/l	99
71) Bromoform	10.799	173	126349	48.573	ug/l	98
73) Isopropylbenzene	10.963	105	789303	47.509	ug/l	100
74) N-amyl acetate	10.842	43	344522	51.395	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	237518	50.049	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	195229m	50.086	ug/l	
77) Bromobenzene	11.195	156	191066	47.947	ug/l	98
78) n-propylbenzene	11.305	91	952057	47.954	ug/l	100
79) 2-Chlorotoluene	11.360	91	552949	46.593	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	653905	47.641	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	59308	39.201	ug/l	100
82) 4-Chlorotoluene	11.451	91	656063	47.361	ug/l	99
83) tert-Butylbenzene	11.713	119	659398	47.865	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	652180	47.638	ug/l	100
85) sec-Butylbenzene	11.890	105	827089	48.050	ug/l	99
86) p-Isopropyltoluene	12.006	119	687417	48.158	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	353383	46.672	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	350055	45.633	ug/l	100
89) n-Butylbenzene	12.329	91	655081	48.937	ug/l	99
90) Hexachloroethane	12.536	117	121584	47.613	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	333528	46.089	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	48420	53.154	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	228691	47.831	ug/l	98
94) Hexachlorobutadiene	13.725	225	83901	51.598	ug/l	97
95) Naphthalene	13.774	128	718951	51.293	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	221654	48.121	ug/l	98

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VSTDCCC050EC

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 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

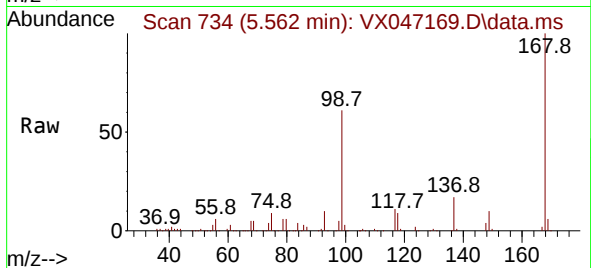
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

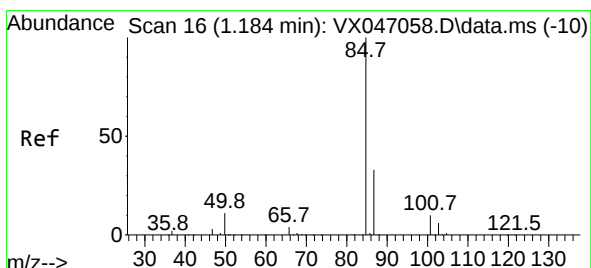
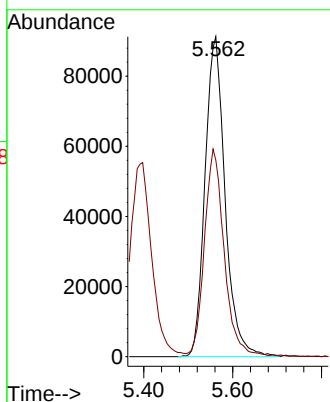
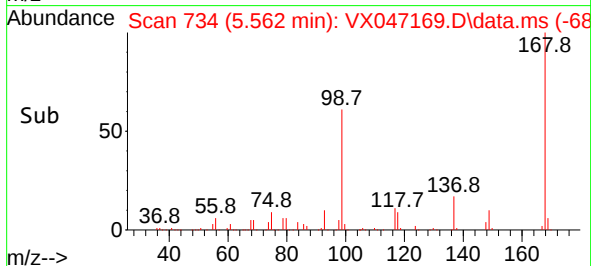
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 286224
Ion Ratio Lower Upper
168 100
99 61.1 48.0 72.0

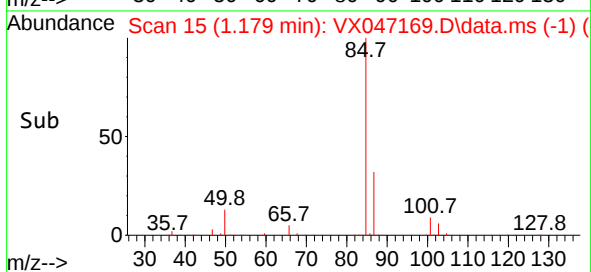
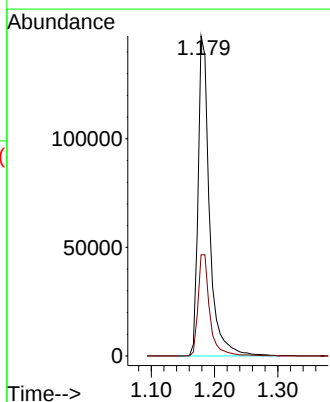
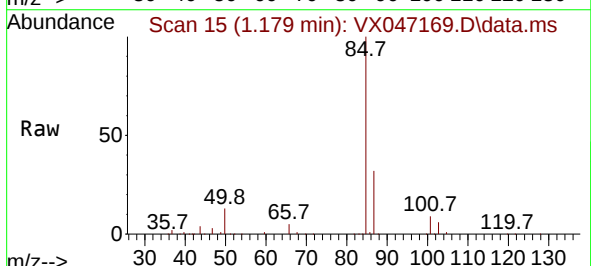
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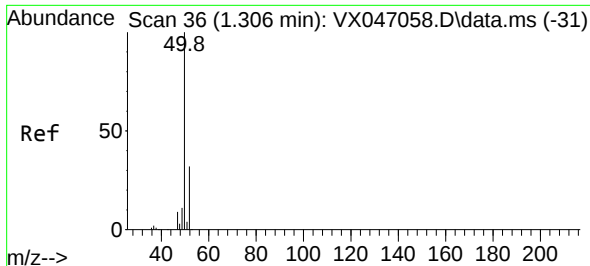
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#2
Dichlorodifluoromethane
Concen: 48.689 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

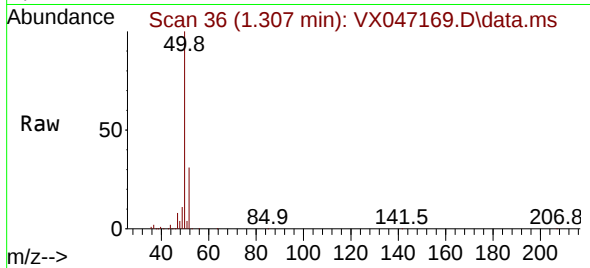
Tgt Ion: 85 Resp: 185105
Ion Ratio Lower Upper
85 100
87 31.6 16.6 49.8





#3
Chloromethane
Concen: 43.213 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

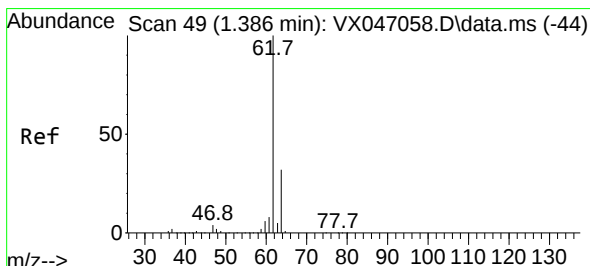
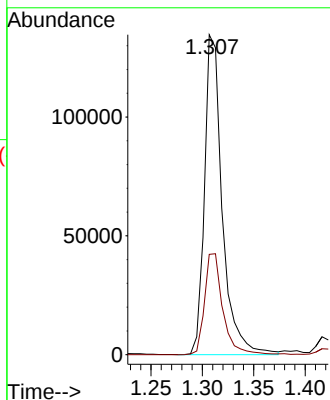
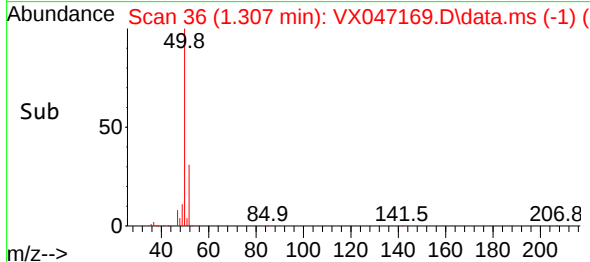
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 16250
Ion Ratio Lower Upper
50 100
52 31.3 25.4 38.2

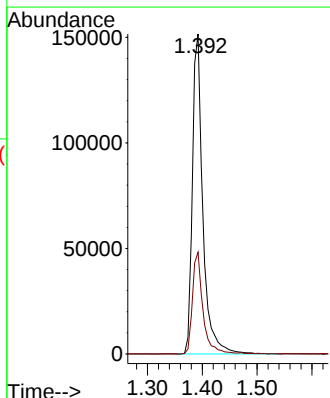
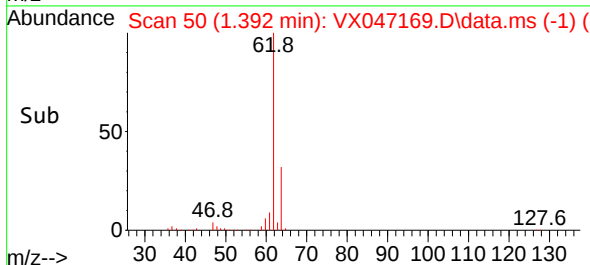
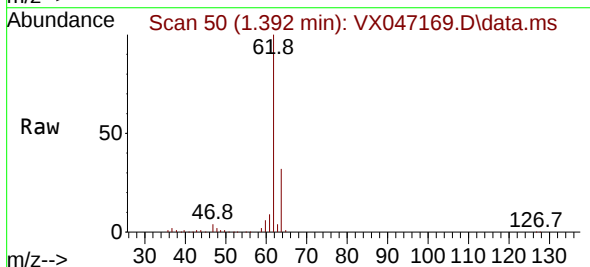
Manual Integrations
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#4
Vinyl Chloride
Concen: 49.827 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

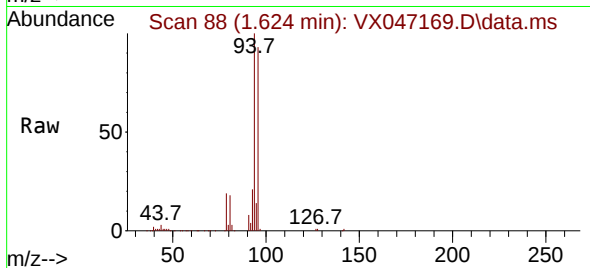
Tgt Ion: 62 Resp: 201429
Ion Ratio Lower Upper
62 100
64 31.8 25.2 37.8





#5
Bromomethane
Concen: 45.444 ug/l
RT: 1.624 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

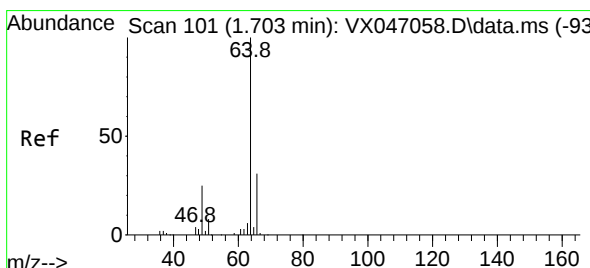
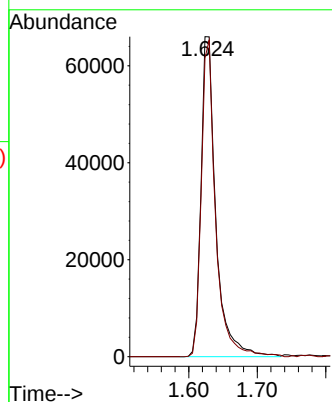
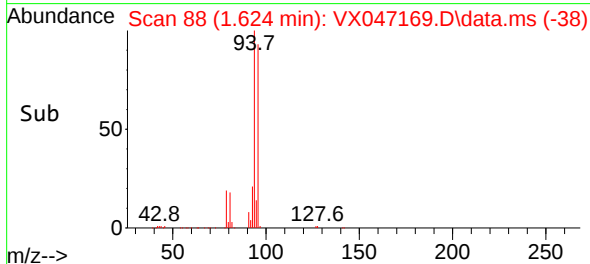
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 99793
Ion Ratio Lower Upper
94 100
96 93.3 72.3 108.5

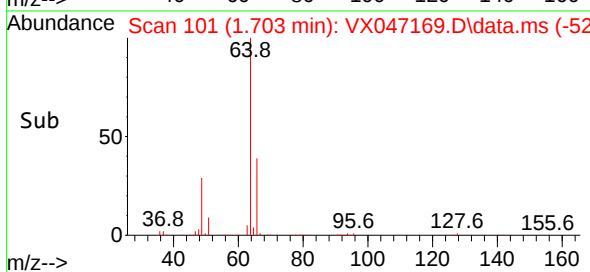
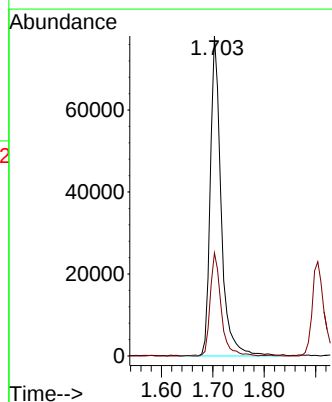
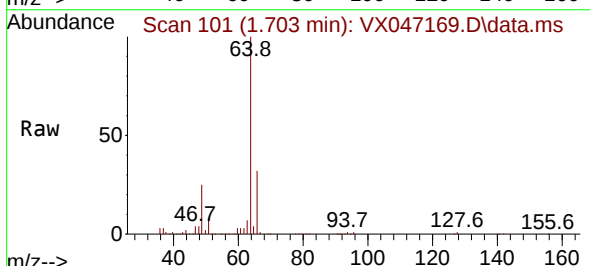
Manual Integrations
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#6
Chloroethane
Concen: 43.093 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

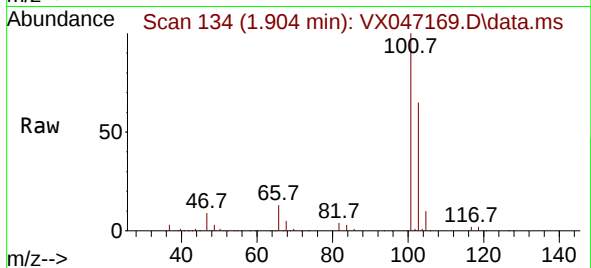
Tgt Ion: 64 Resp: 114415
Ion Ratio Lower Upper
64 100
66 32.2 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 48.050 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047169.D
 Acq: 28 Jul 2025 16:39

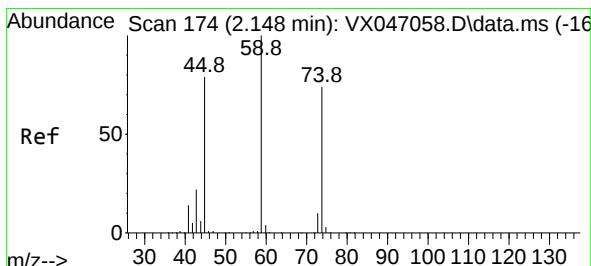
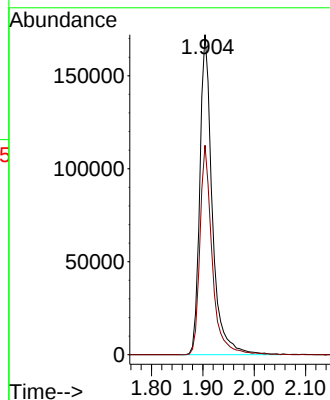
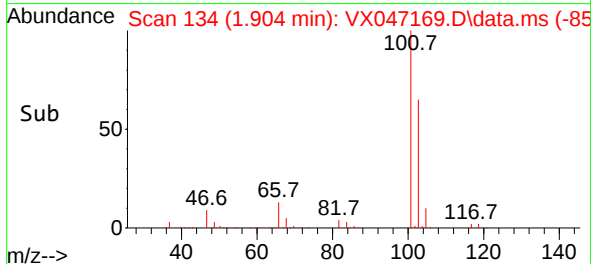
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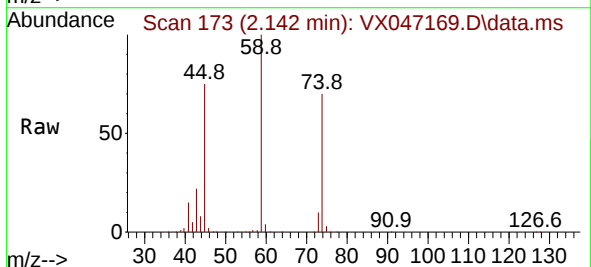
Tgt Ion:101 Resp: 28964
 Ion Ratio Lower Upper
 101 100
 103 65.4 50.9 76.3

Manual Integrations
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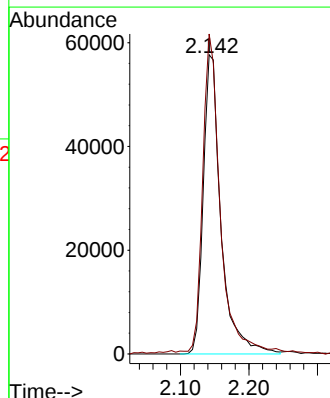
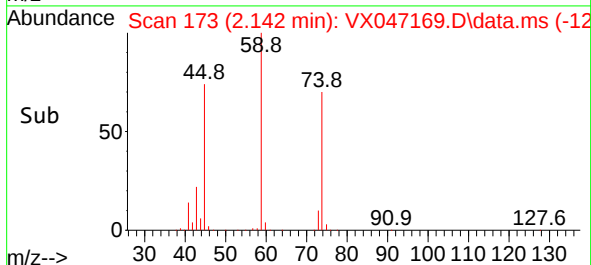
Reviewed By :John Carlone 07/29/2025
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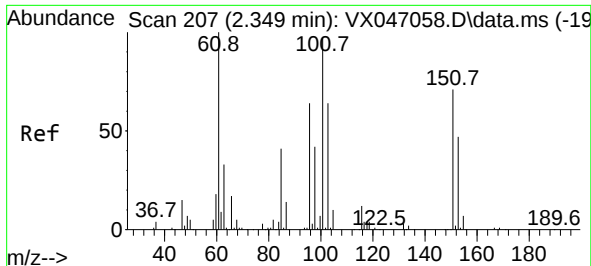


#8
 Diethyl Ether
 Concen: 48.804 ug/l
 RT: 2.142 min Scan# 173
 Delta R.T. -0.006 min
 Lab File: VX047169.D
 Acq: 28 Jul 2025 16:39



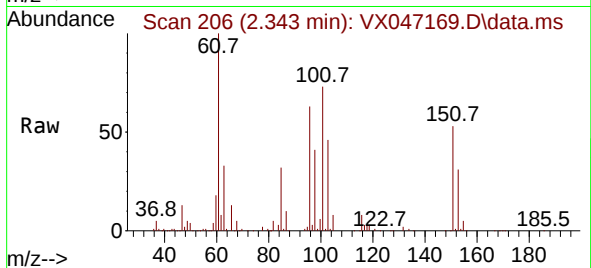
Tgt Ion: 74 Resp: 103728
 Ion Ratio Lower Upper
 74 100
 45 108.1 53.0 159.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.021 ug/l
RT: 2.343 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

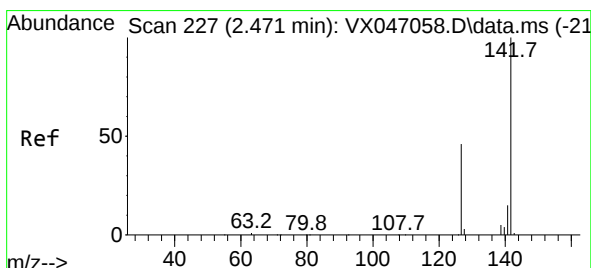
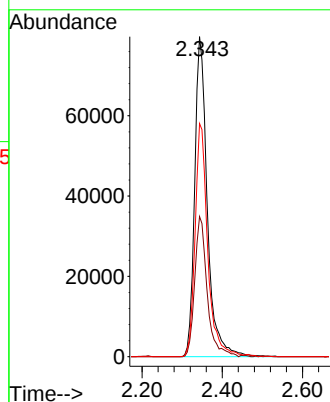
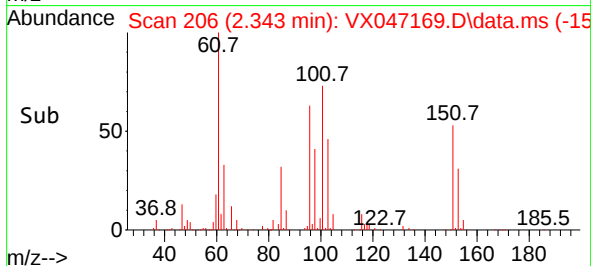
Instrument :
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Tgt Ion:101 Resp: 174399
Ion Ratio Lower Upper
101 100
85 43.3 35.4 53.0
151 72.7 59.2 88.8

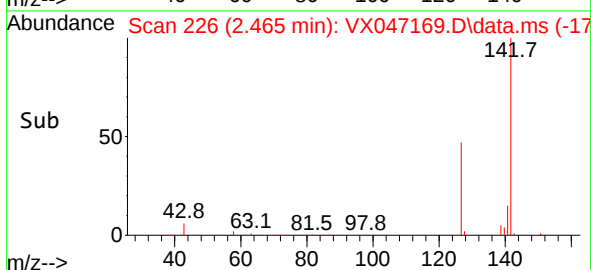
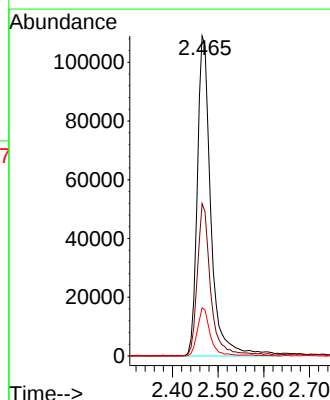
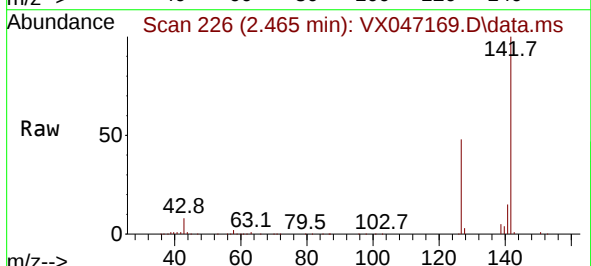
Manual Integrations
APPROVED

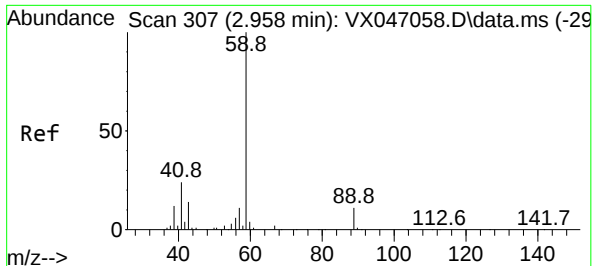
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#10
Methyl Iodide
Concen: 60.893 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

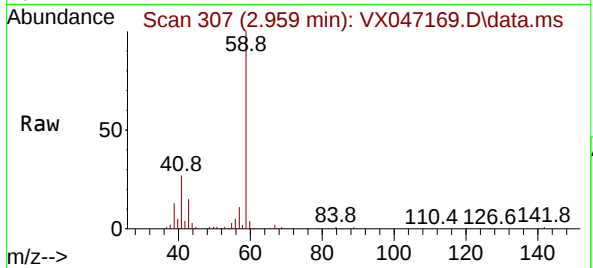
Tgt Ion:142 Resp: 225384
Ion Ratio Lower Upper
142 100
127 46.1 36.6 54.8
141 13.9 10.9 16.3





#11
Tert butyl alcohol
Concen: 272.164 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

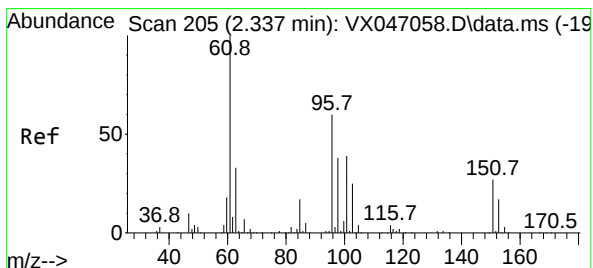
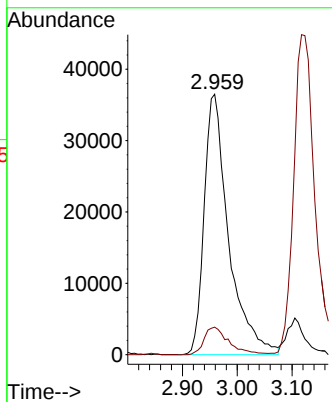
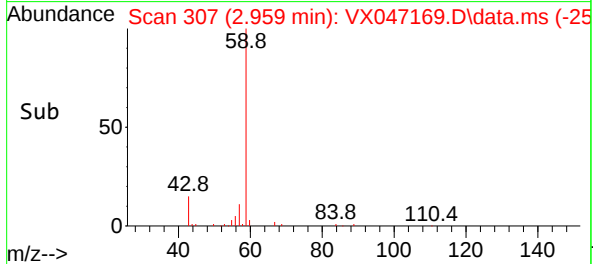
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



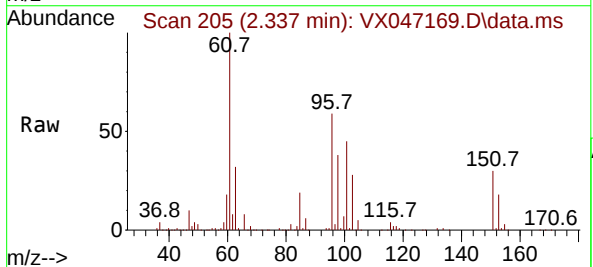
Tgt Ion: 59 Resp: 11305
Ion Ratio Lower Upper
59 100
57 10.8 8.5 12.7

Manual Integrations
APPROVED

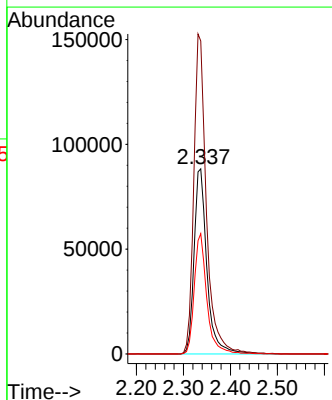
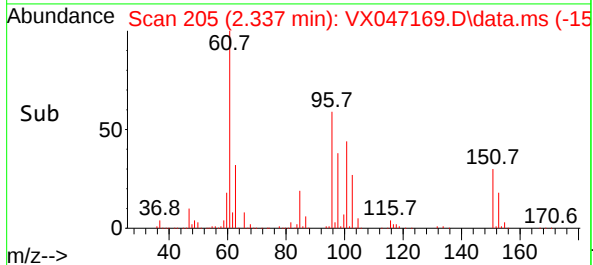
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

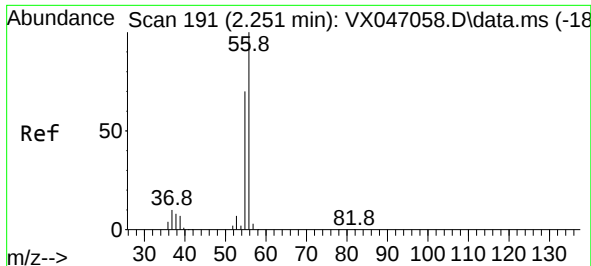


#12
1,1-Dichloroethene
Concen: 46.992 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39



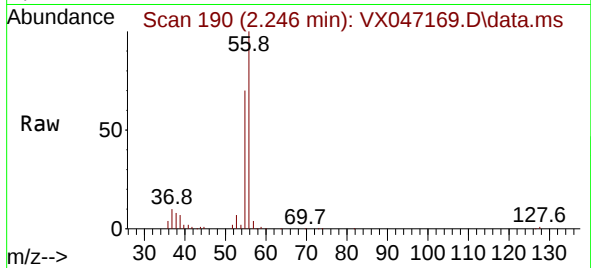
Tgt Ion: 96 Resp: 169030
Ion Ratio Lower Upper
96 100
61 169.0 132.6 198.8
98 65.0 50.2 75.4





#13
Acrolein
Concen: 255.727 ug/l
RT: 2.246 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

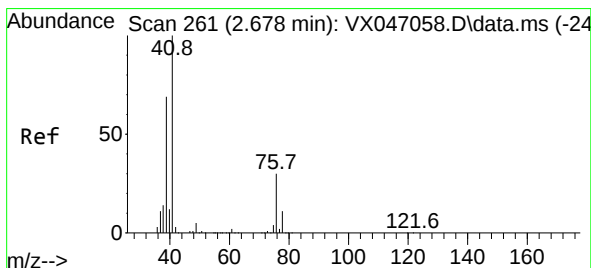
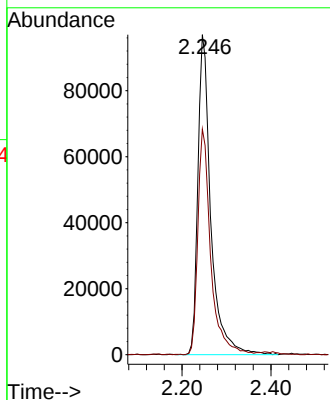
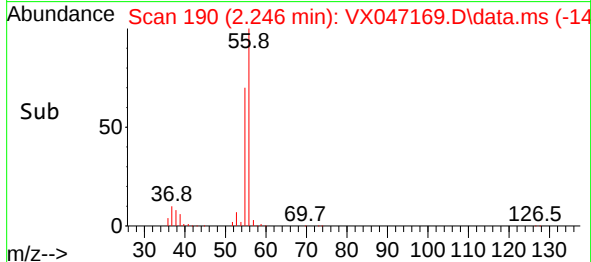
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 19632
Ion Ratio Lower Upper
56 100
55 70.2 55.7 83.5

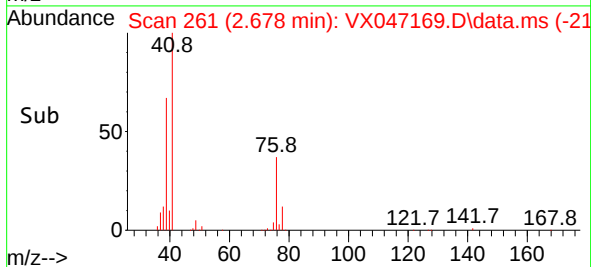
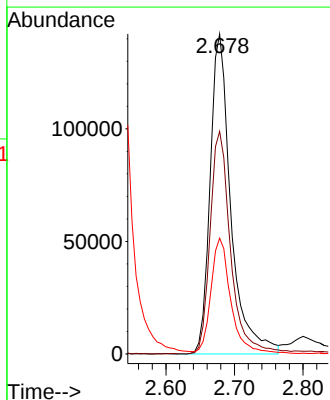
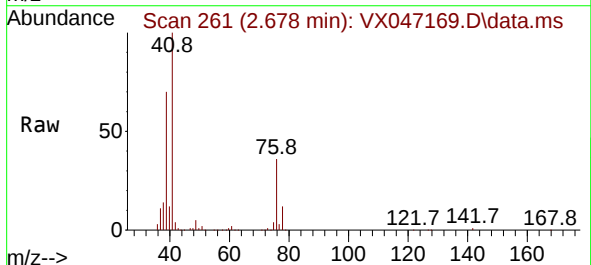
Manual Integrations
APPROVED

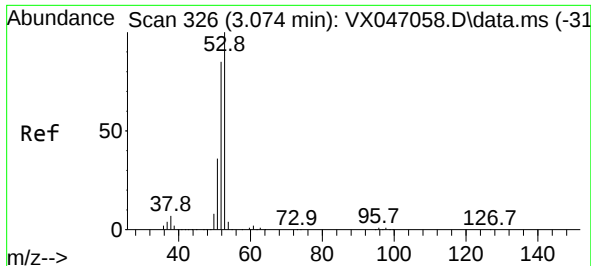
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#14
Allyl chloride
Concen: 45.907 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

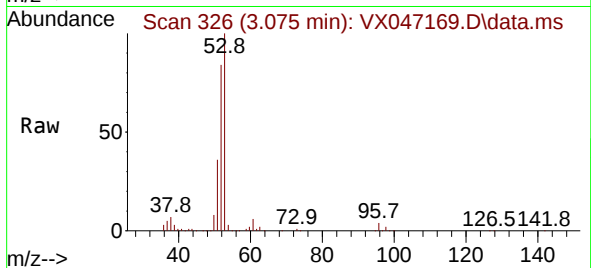
Tgt Ion: 41 Resp: 298494
Ion Ratio Lower Upper
41 100
39 69.1 52.6 78.8
76 34.5 25.7 38.5





#15
Acrylonitrile
Concen: 260.015 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

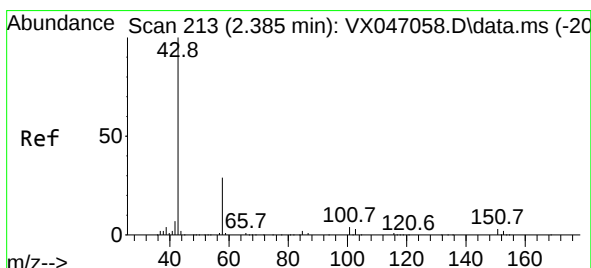
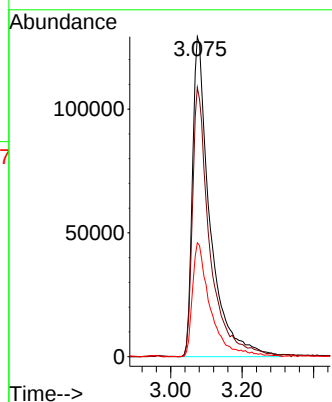
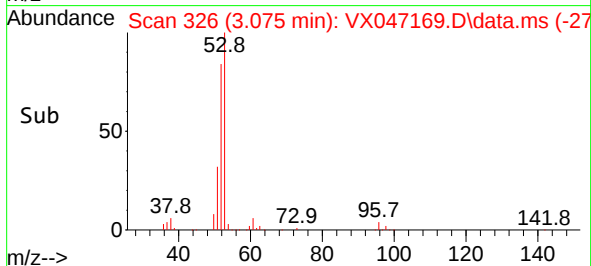
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



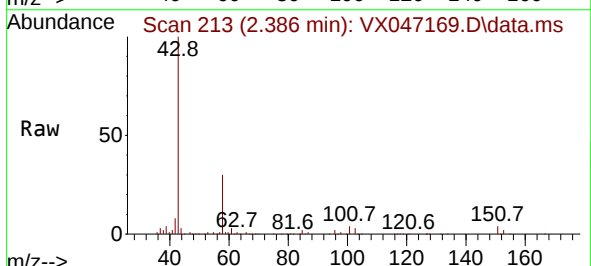
Tgt Ion: 53 Resp: 442149
Ion Ratio Lower Upper
53 100
52 82.6 65.7 98.5
51 36.6 28.8 43.2

Manual Integrations
APPROVED

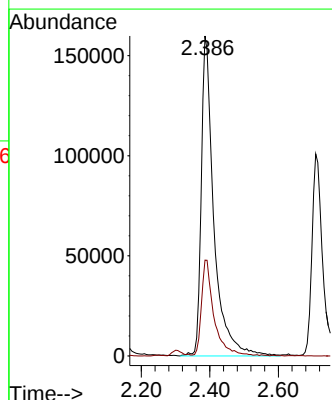
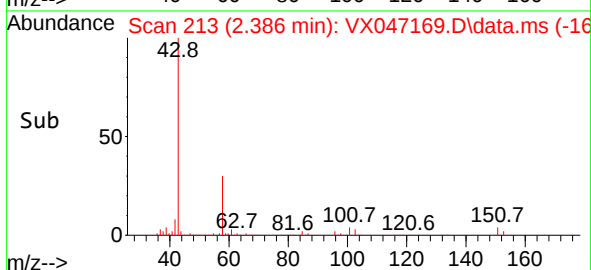
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

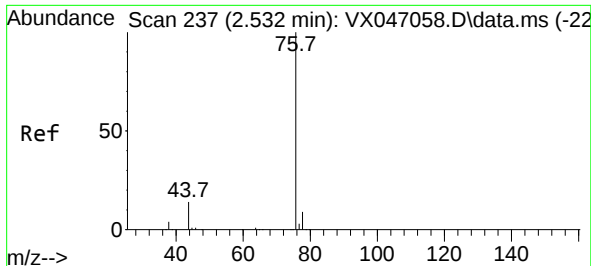


#16
Acetone
Concen: 286.656 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39



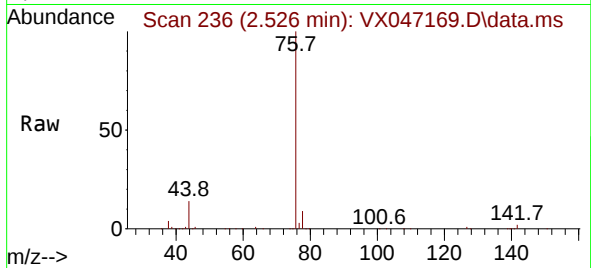
Tgt Ion: 43 Resp: 409439
Ion Ratio Lower Upper
43 100
58 29.9 24.0 36.0





#17
Carbon Disulfide
Concen: 43.001 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

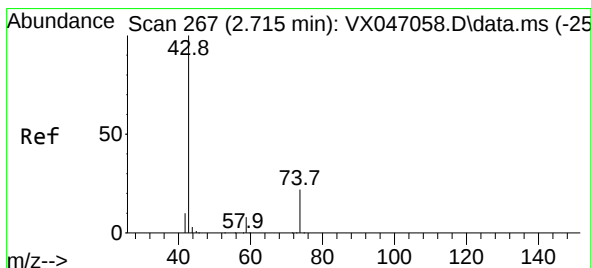
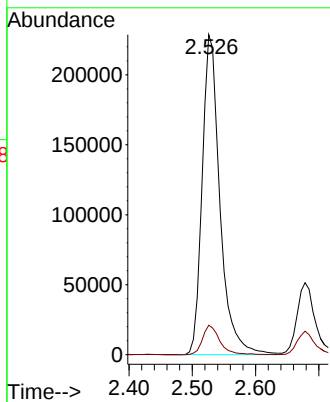
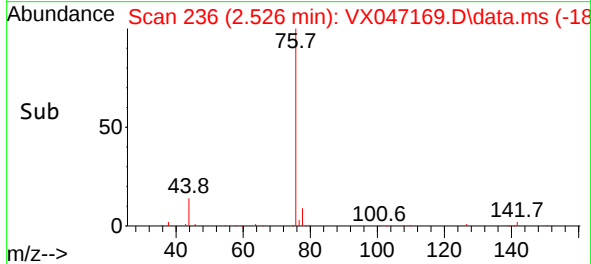
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 447475
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4

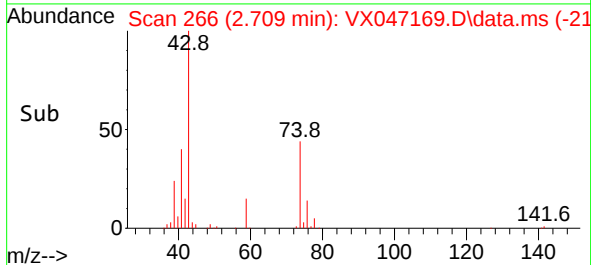
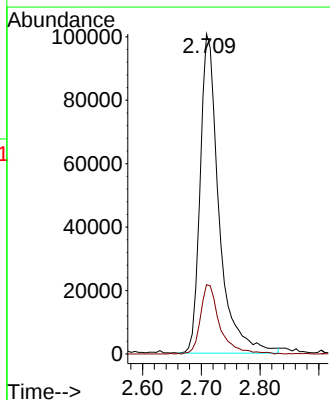
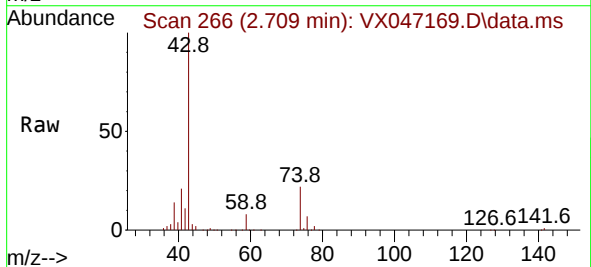
Manual Integrations
APPROVED

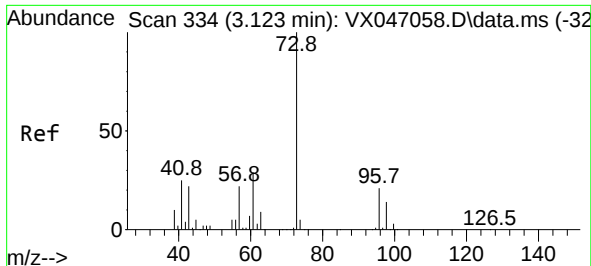
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#18
Methyl Acetate
Concen: 58.967 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

Tgt Ion: 43 Resp: 223825
Ion Ratio Lower Upper
43 100
74 22.3 17.7 26.5





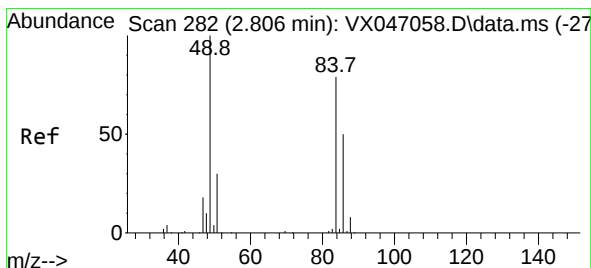
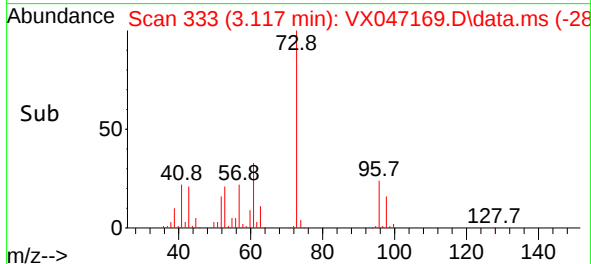
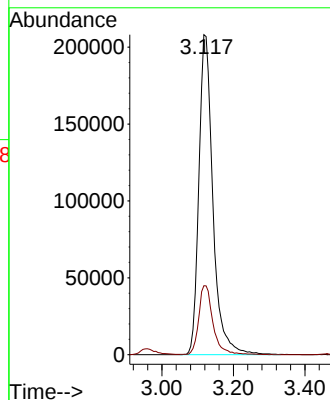
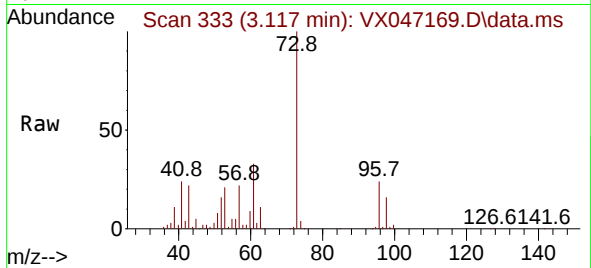
#19
Methyl tert-butyl Ether
Concen: 51.693 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 56589
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5

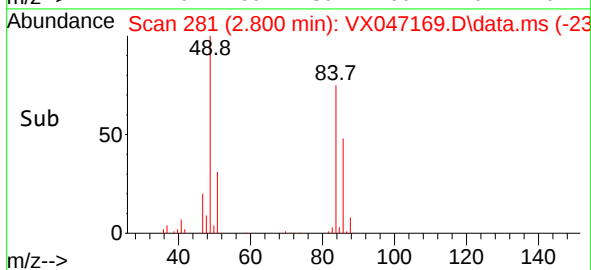
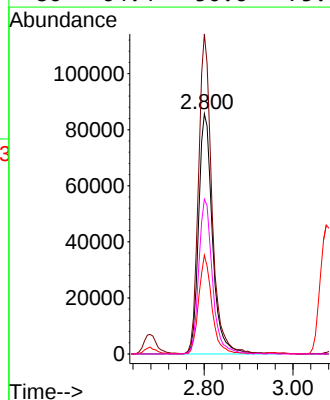
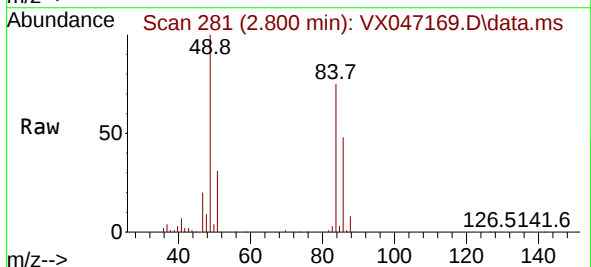
Manual Integrations
APPROVED

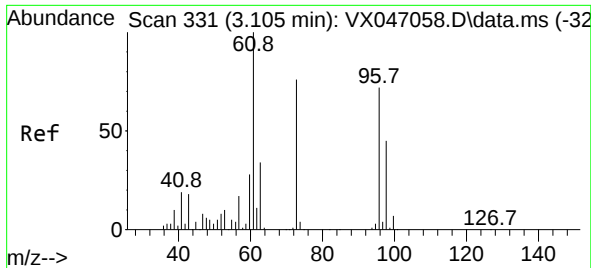
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#20
Methylene Chloride
Concen: 47.378 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

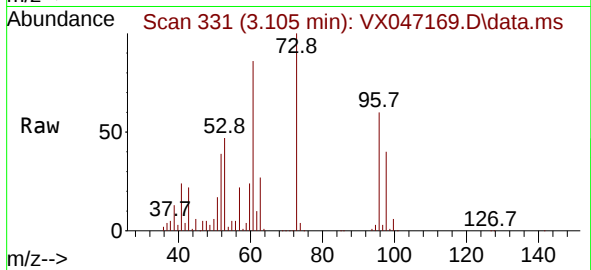
Tgt Ion: 84 Resp: 186171
Ion Ratio Lower Upper
84 100
49 133.0 101.6 152.4
51 41.1 30.3 45.5
86 64.4 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 47.162 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

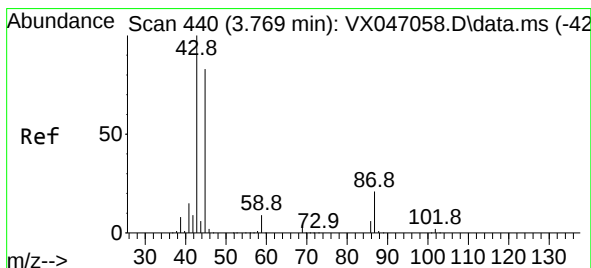
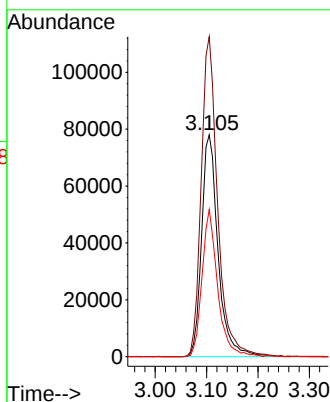
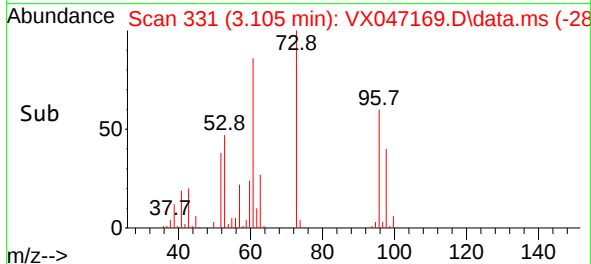
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 173598
Ion Ratio Lower Upper
96 100
61 144.2 111.1 166.7
98 66.3 49.6 74.4

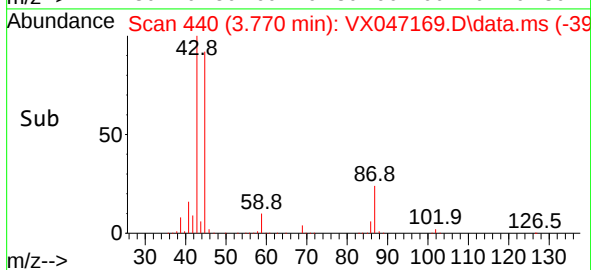
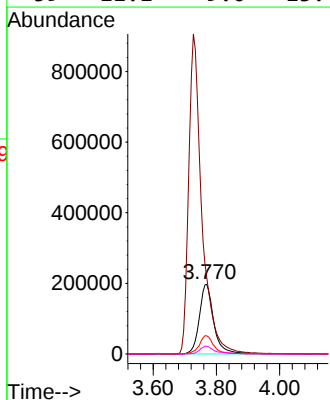
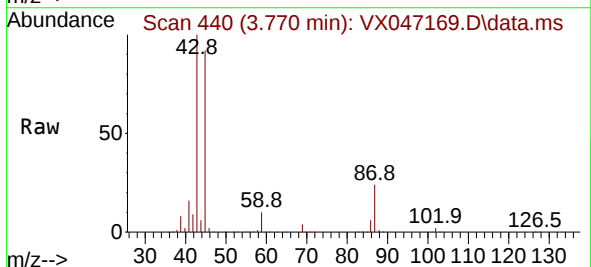
Manual Integrations
APPROVED

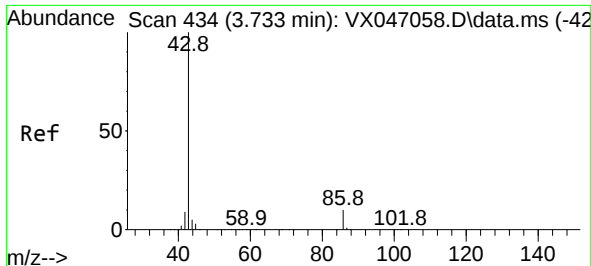
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#22
Diisopropyl ether
Concen: 50.088 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

Tgt Ion: 45 Resp: 626143
Ion Ratio Lower Upper
45 100
43 108.3 96.8 145.2
87 26.0 20.5 30.7
59 11.1 9.0 13.4





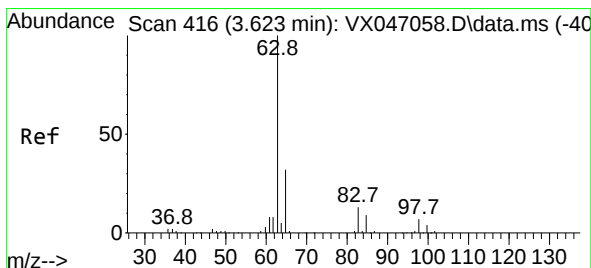
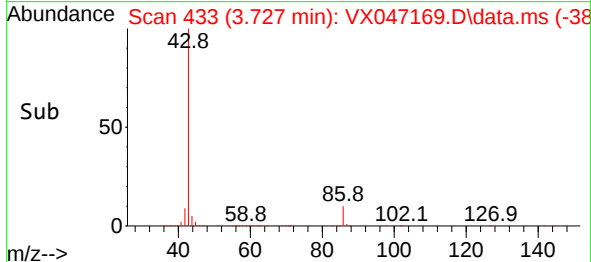
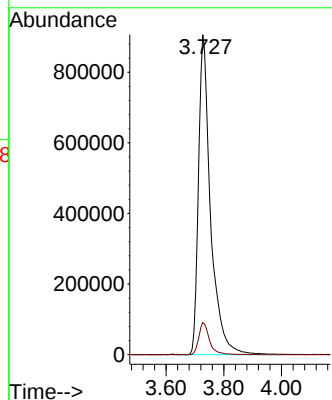
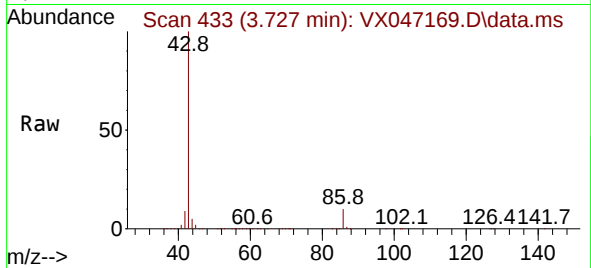
#23
 Vinyl Acetate
 Concen: 262.483 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047169.D
 Acq: 28 Jul 2025 16:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2631809
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.1 12.1

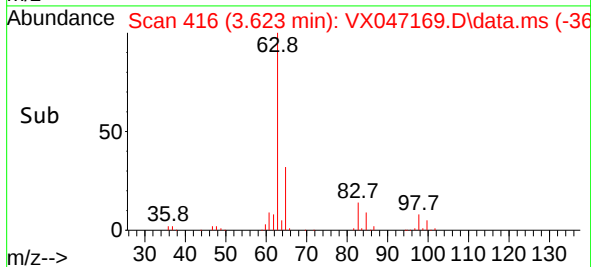
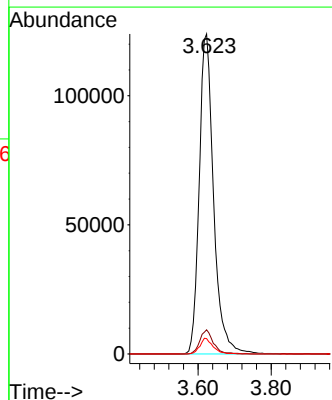
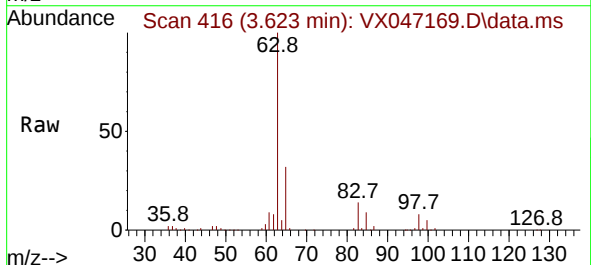
Manual Integrations
 APPROVED

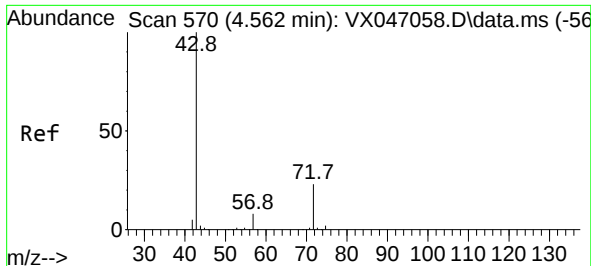
Reviewed By :John Carlone 07/29/2025
 Supervised By :Mahesh Dadoda 07/29/2025



#24
 1,1-Dichloroethane
 Concen: 48.735 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047169.D
 Acq: 28 Jul 2025 16:39

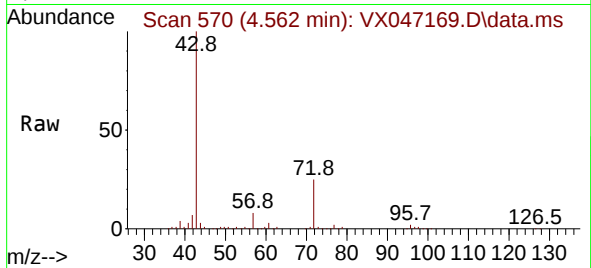
Tgt Ion: 63 Resp: 338779
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 5.0 2.3 6.8





#25
2-Butanone
Concen: 270.533 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

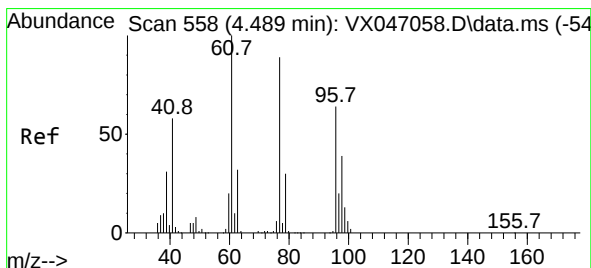
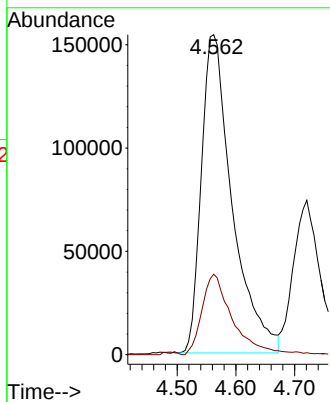
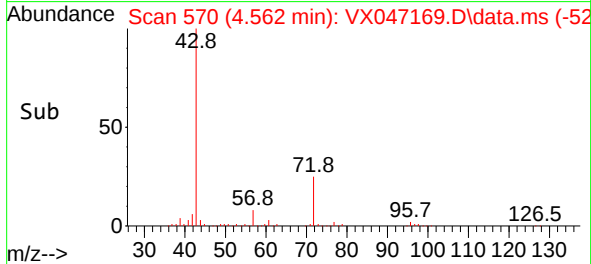
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 56264
Ion Ratio Lower Upper
43 100
72 24.9 18.8 28.2

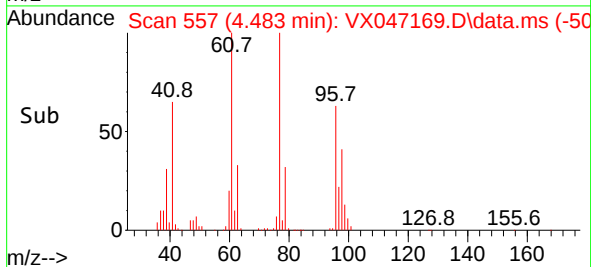
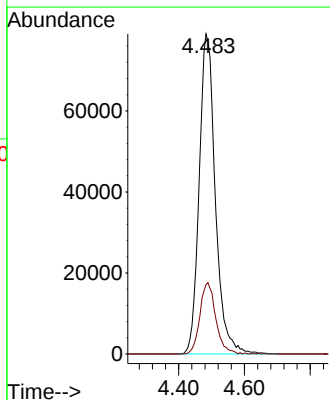
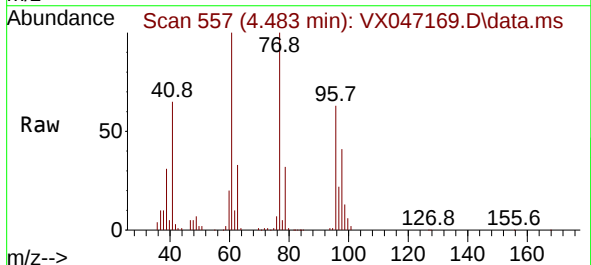
Manual Integrations
APPROVED

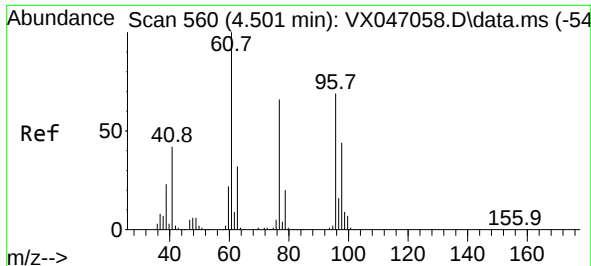
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#26
2,2-Dichloropropane
Concen: 50.131 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

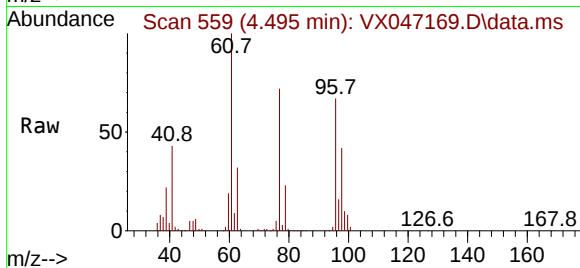
Tgt Ion: 77 Resp: 269761
Ion Ratio Lower Upper
77 100
97 21.8 11.4 34.1





#27
cis-1,2-Dichloroethene
Concen: 47.910 ug/l
RT: 4.495 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

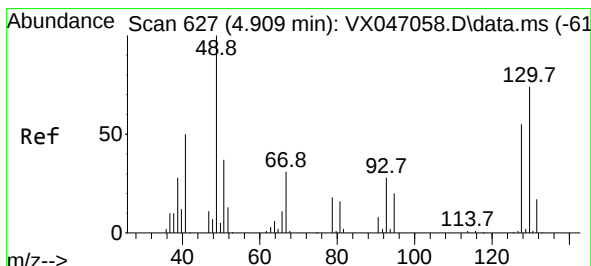
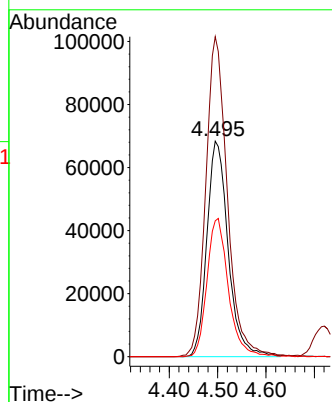
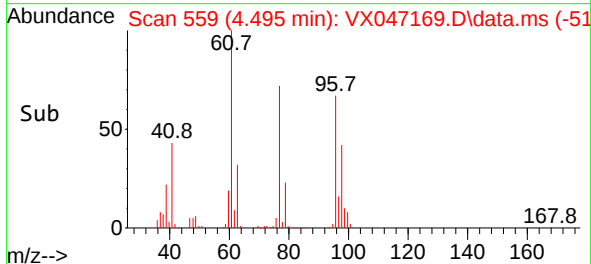
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 20882
Ion Ratio Lower Upper
96 100
61 150.3 0.0 298.6
98 64.5 0.0 128.8

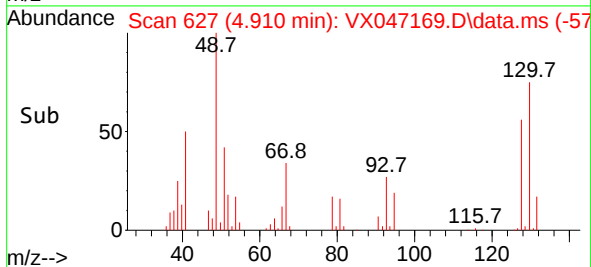
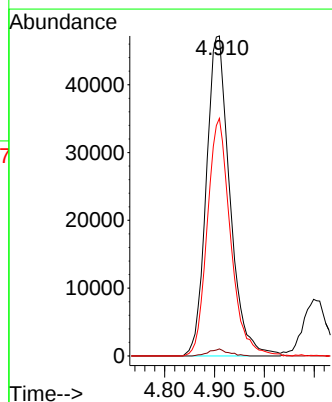
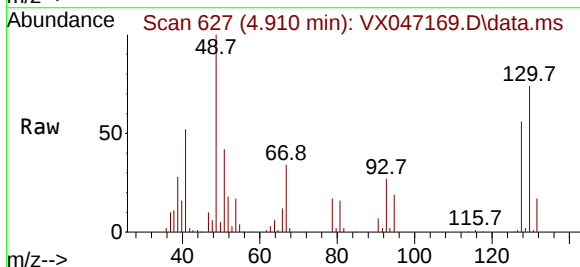
Manual Integrations
APPROVED

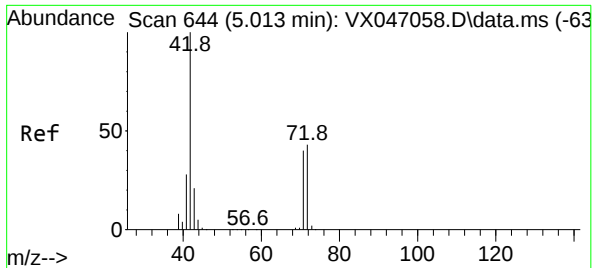
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#28
Bromochloromethane
Concen: 48.408 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

Tgt Ion: 49 Resp: 154814
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 73.2 59.0 88.4





#29

Tetrahydrofuran

Concen: 257.652 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX047169.D

Acq: 28 Jul 2025 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 34574

Ion Ratio Lower Upper

42 100

72 42.8 33.7 50.5

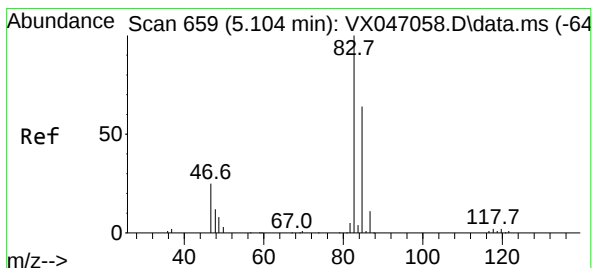
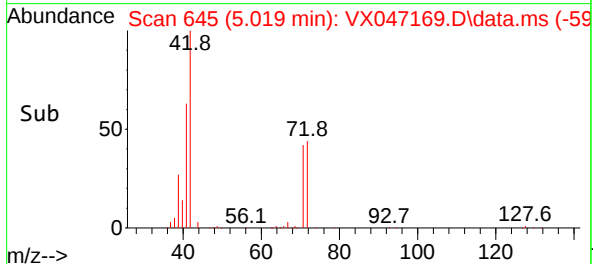
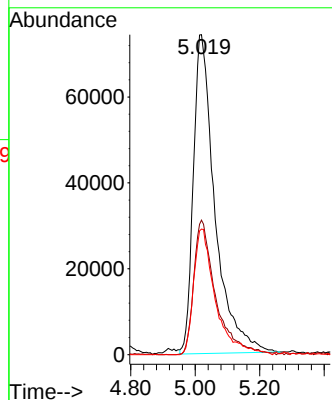
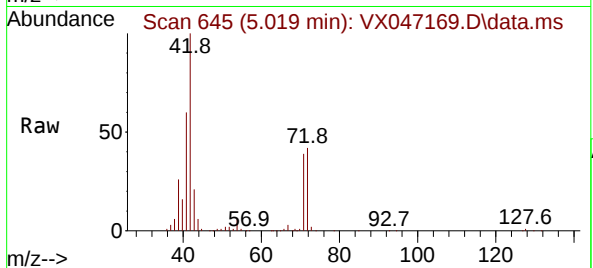
71 39.8 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#30

Chloroform

Concen: 47.679 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX047169.D

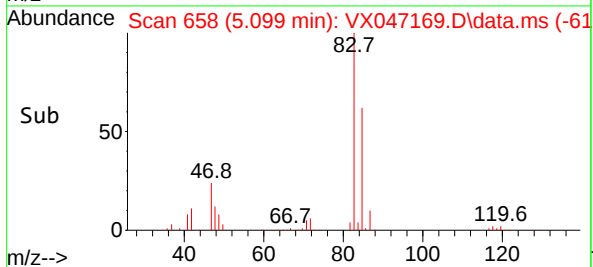
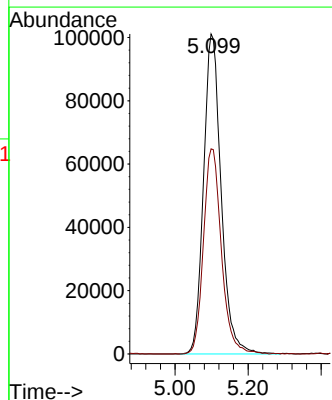
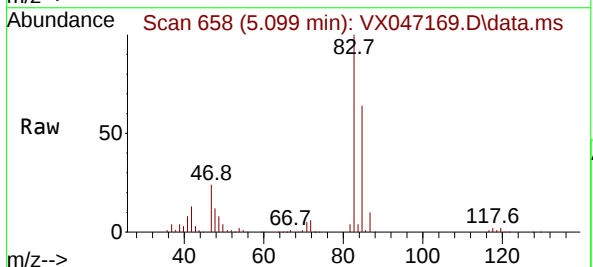
Acq: 28 Jul 2025 16:39

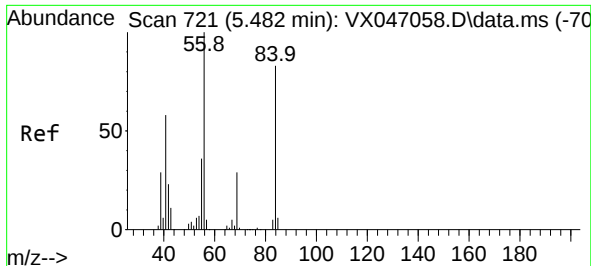
Tgt Ion: 83 Resp: 337380

Ion Ratio Lower Upper

83 100

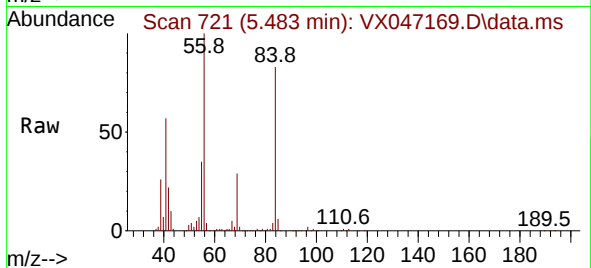
85 65.2 50.9 76.3





#31
Cyclohexane
Concen: 44.514 ug/l
RT: 5.483 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

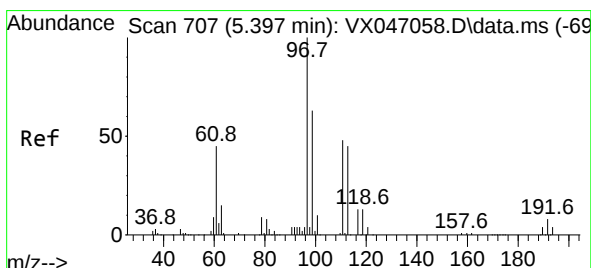
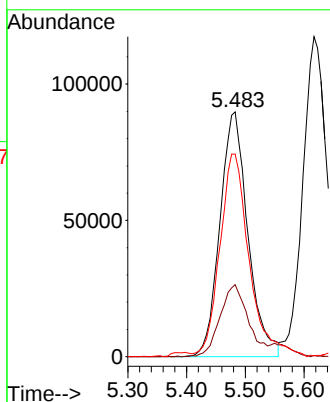
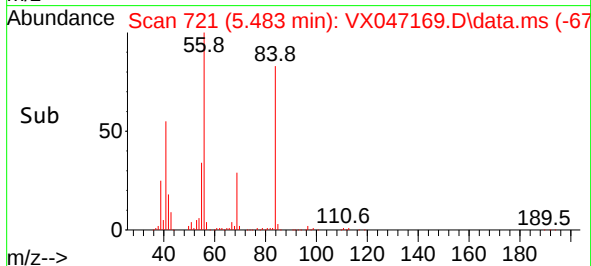
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 296702
Ion Ratio Lower Upper
56 100
69 29.1 23.3 34.9
84 81.1 66.5 99.7

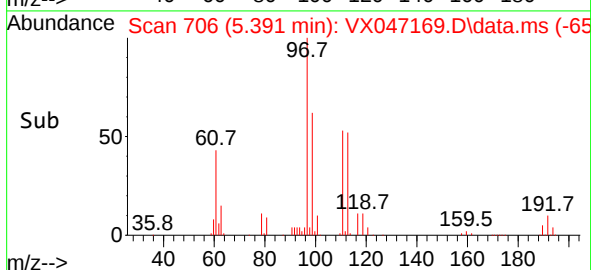
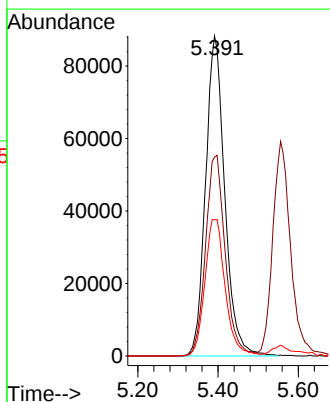
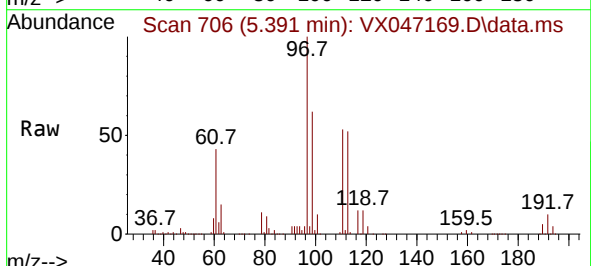
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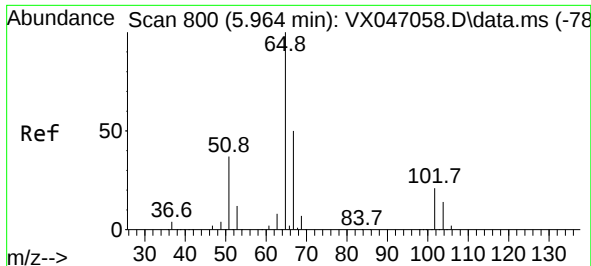
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#32
1,1,1-Trichloroethane
Concen: 47.726 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

Tgt Ion: 97 Resp: 293330
Ion Ratio Lower Upper
97 100
99 64.1 51.2 76.8
61 45.2 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 47.946 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047169.D

Acq: 28 Jul 2025 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 170950

Ion Ratio Lower Upper

65 100

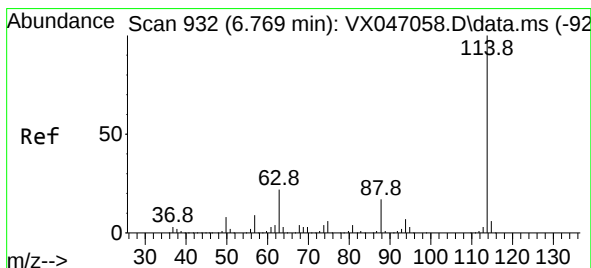
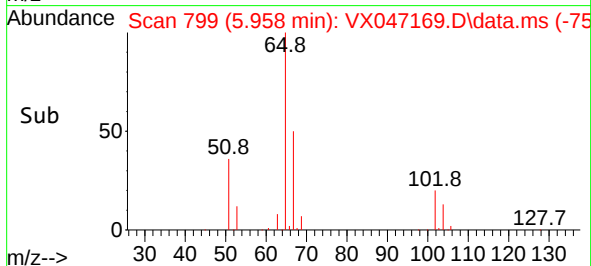
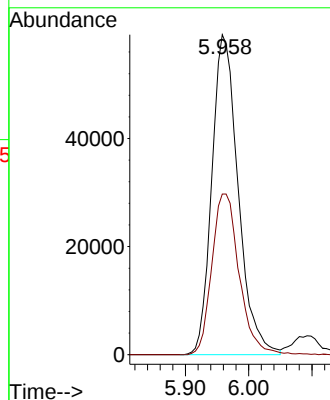
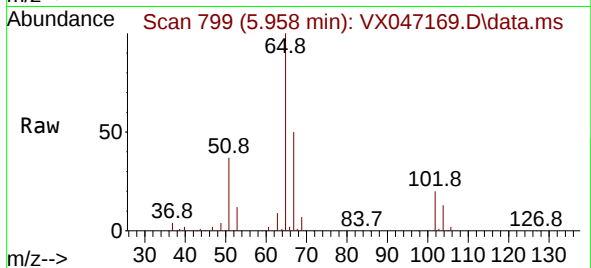
67 52.2 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047169.D

Acq: 28 Jul 2025 16:39

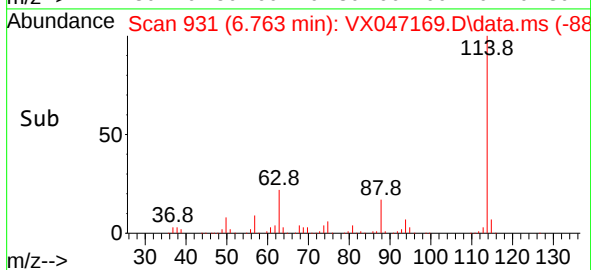
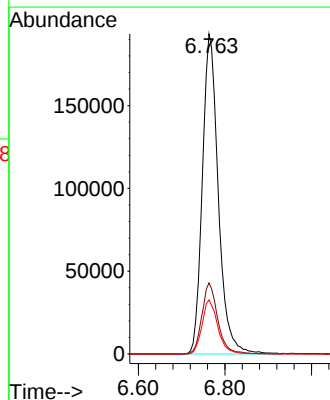
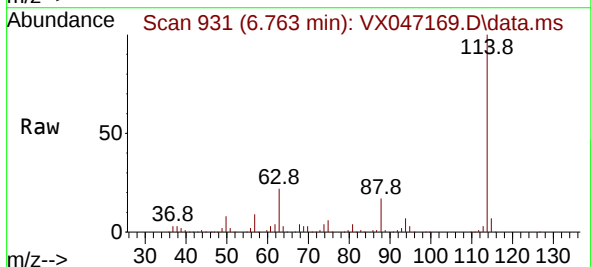
Tgt Ion:114 Resp: 493518

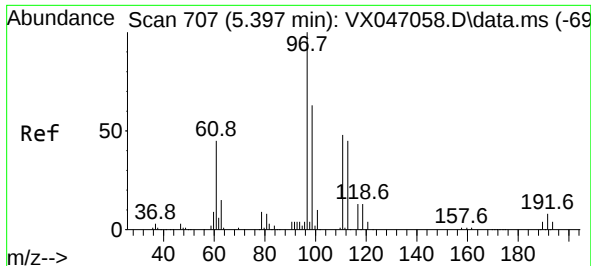
Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.2

88 16.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 47.798 ug/l

RT: 5.391 min Scan# 707

Delta R.T. -0.006 min

Lab File: VX047169.D

Acq: 28 Jul 2025 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 145648

Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

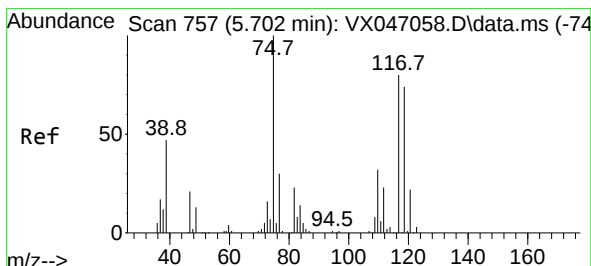
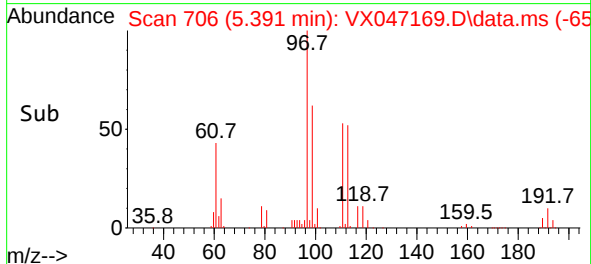
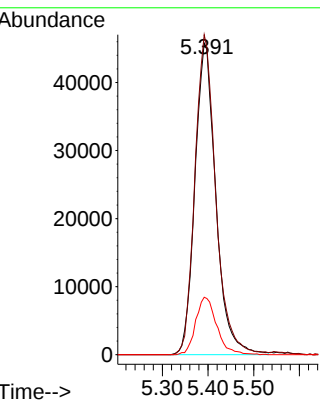
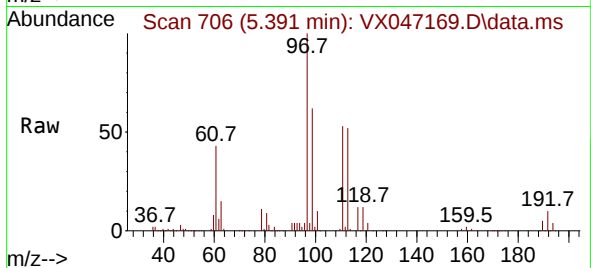
192 18.5 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#36

1,1-Dichloropropene

Concen: 44.480 ug/l

RT: 5.702 min Scan# 757

Delta R.T. 0.000 min

Lab File: VX047169.D

Acq: 28 Jul 2025 16:39

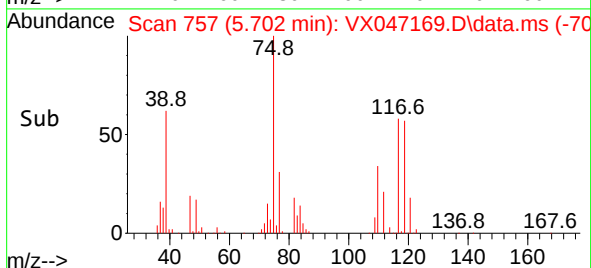
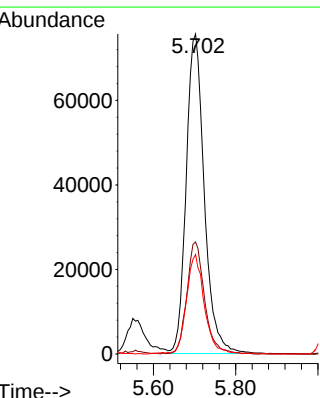
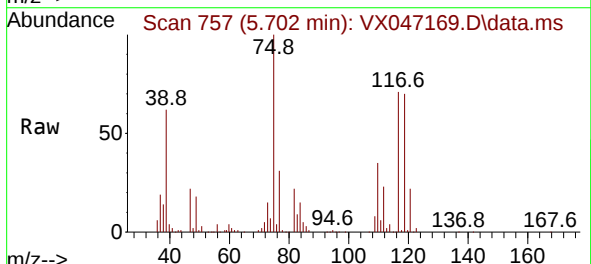
Tgt Ion: 75 Resp: 231032

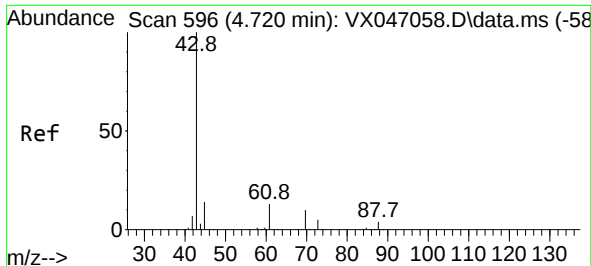
Ion Ratio Lower Upper

75 100

110 34.6 17.2 51.5

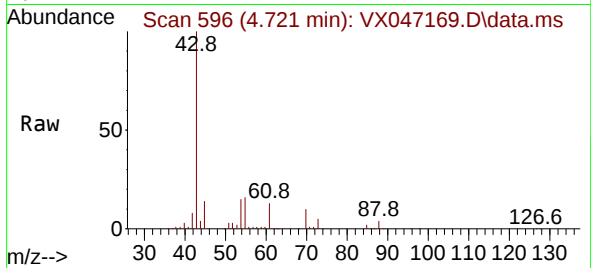
77 30.2 25.1 37.7





#37
Ethyl Acetate
Concen: 52.590 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

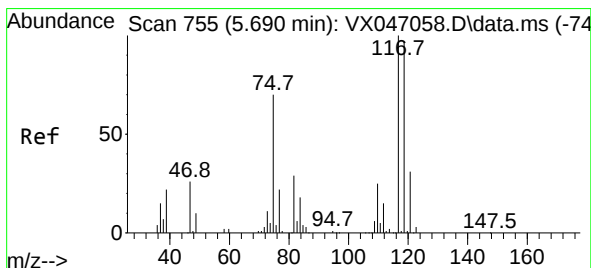
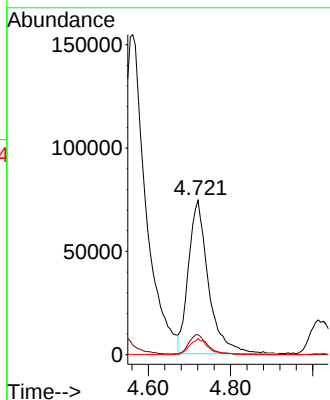
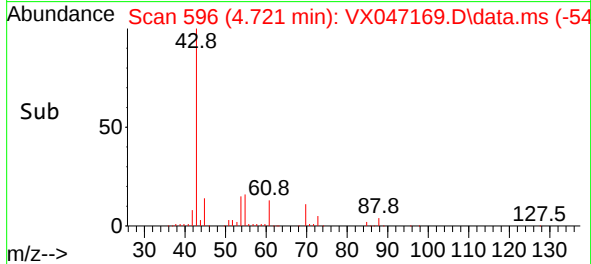
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 251702
Ion Ratio Lower Upper
43 100
61 12.0 10.2 15.2
70 9.7 8.1 12.1

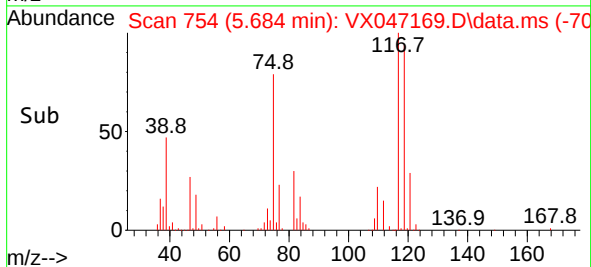
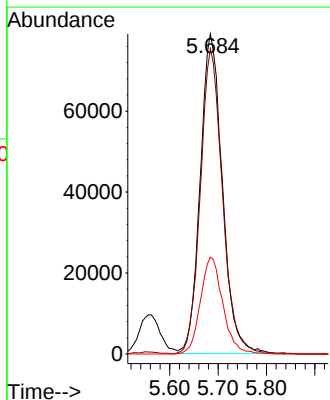
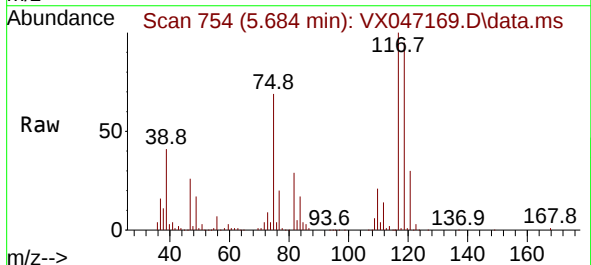
Manual Integrations
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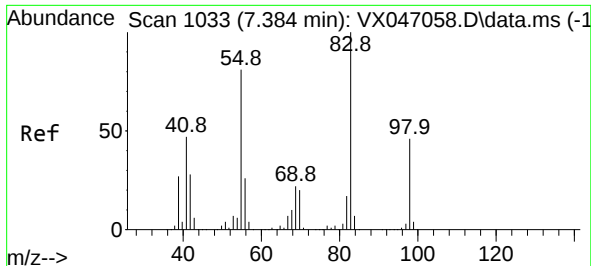
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#38
Carbon Tetrachloride
Concen: 45.205 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

Tgt Ion:117 Resp: 250609
Ion Ratio Lower Upper
117 100
119 95.3 76.6 115.0
121 30.3 24.4 36.6





#39

Methylcyclohexane

Concen: 45.180 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX047169.D

Acq: 28 Jul 2025 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

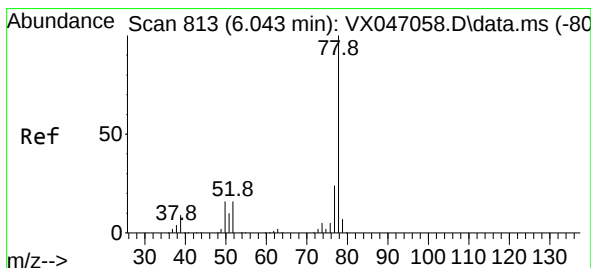
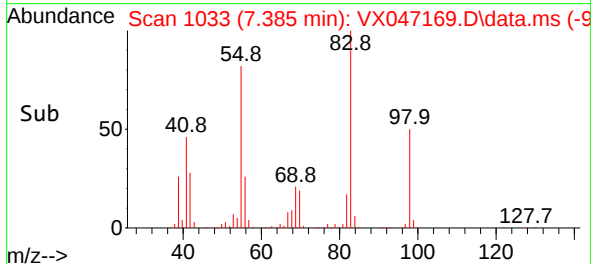
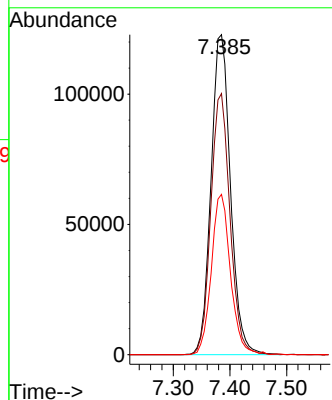
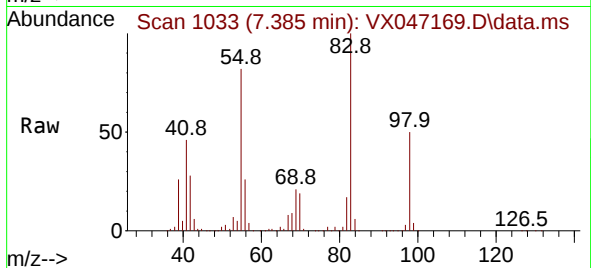
Tgt Ion: 83 Resp: 292997
 Ion Ratio Lower Upper
 83 100
 55 81.6 64.5 96.7
 98 50.1 36.9 55.3

Manual Integrations

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Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#40

Benzene

Concen: 46.492 ug/l

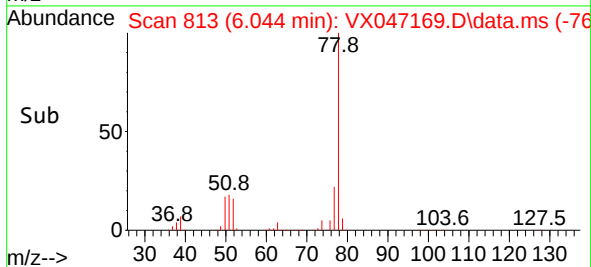
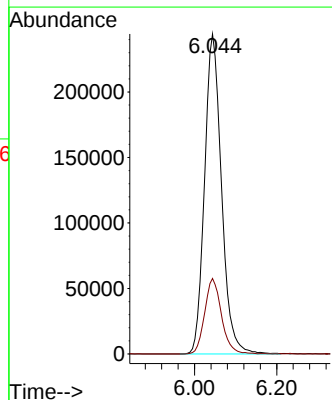
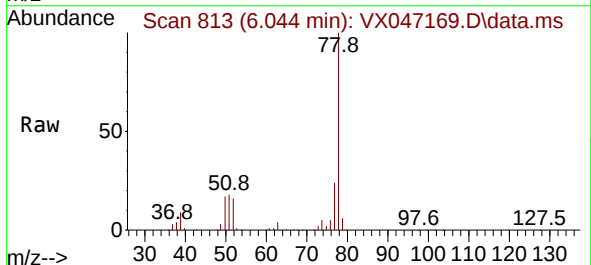
RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX047169.D

Acq: 28 Jul 2025 16:39

Tgt Ion: 78 Resp: 698864
 Ion Ratio Lower Upper
 78 100
 77 23.6 19.0 28.4





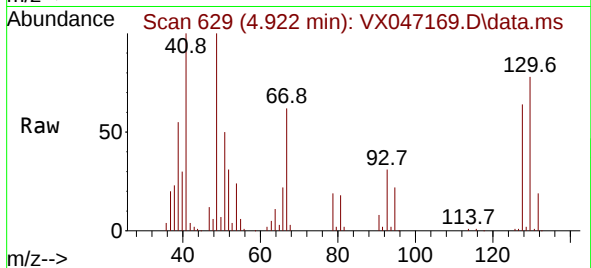
#41
Methacrylonitrile
Concen: 47.299 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



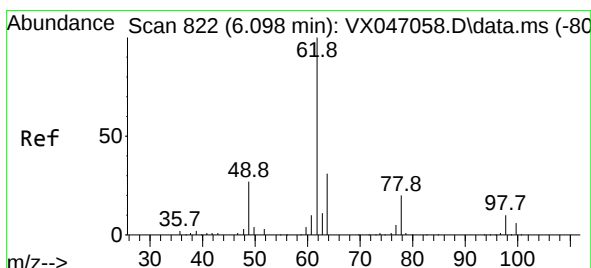
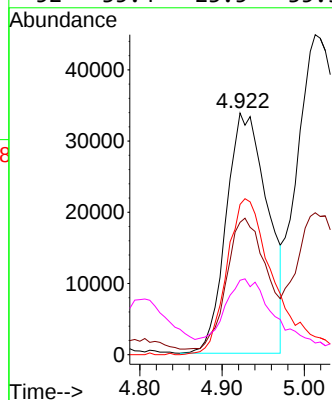
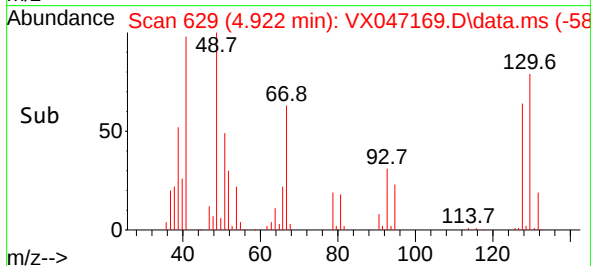
Tgt Ion: 41 Resp: 118360
Ion Ratio Lower Upper
41 100
39 53.7 44.2 66.2
67 77.9 56.4 84.6
52 35.4 23.5 35.3#

Manual Integrations

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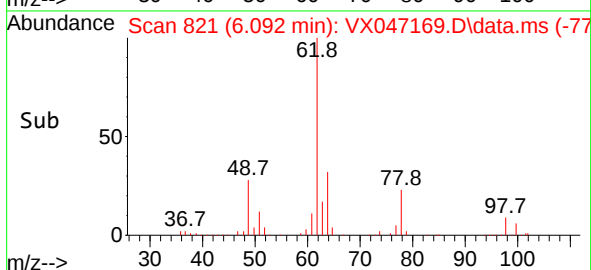
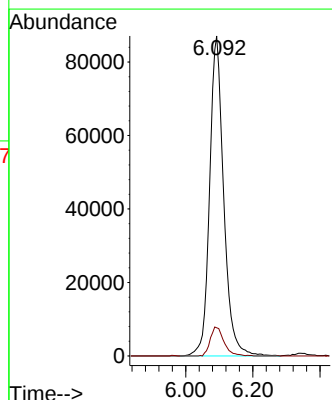
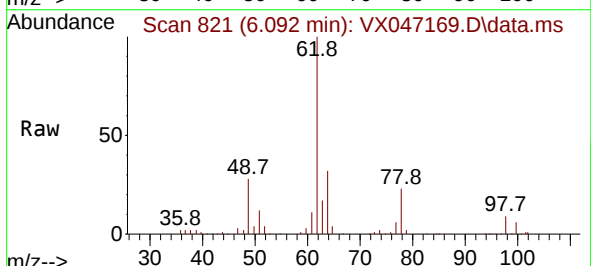
Reviewed By :John Carlone 07/29/2025

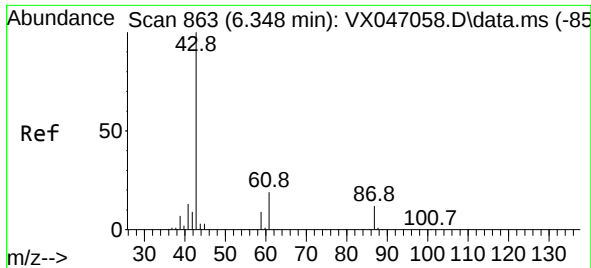
Supervised By :Mahesh Dadoda 07/29/2025



#42
1,2-Dichloroethane
Concen: 47.881 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

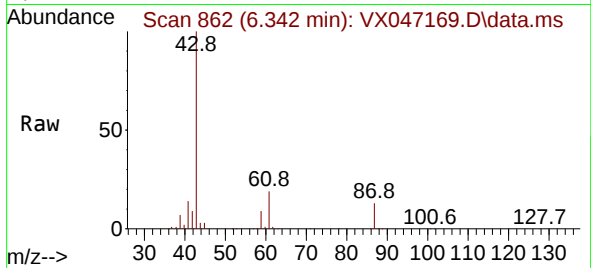
Tgt Ion: 62 Resp: 253531
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.8





#43
Isopropyl Acetate
Concen: 52.882 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

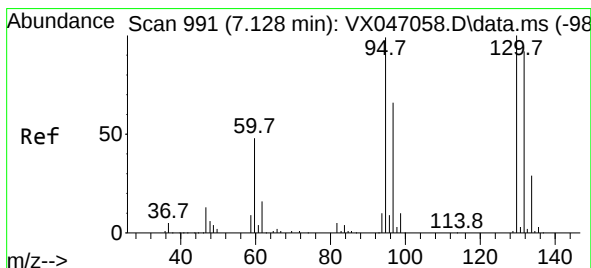
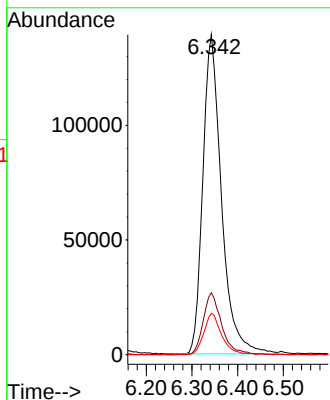
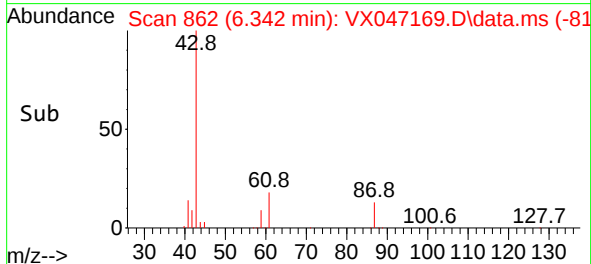
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 394570
Ion Ratio Lower Upper
43 100
61 19.2 15.1 22.7
87 12.3 9.7 14.5

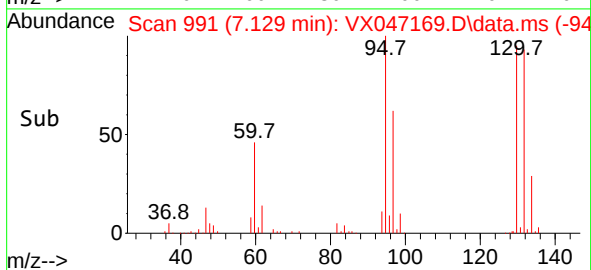
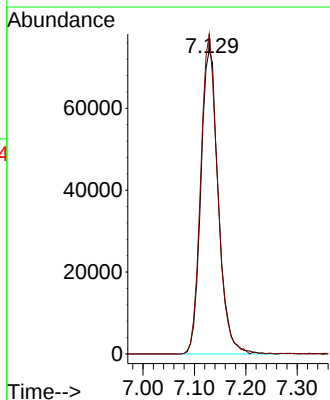
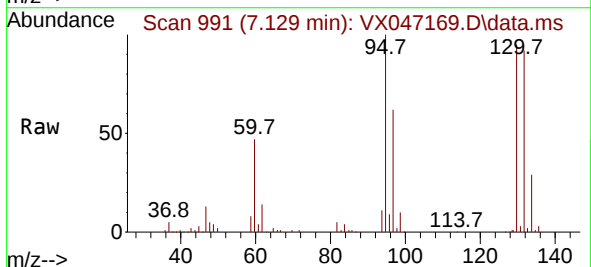
Manual Integrations
APPROVED

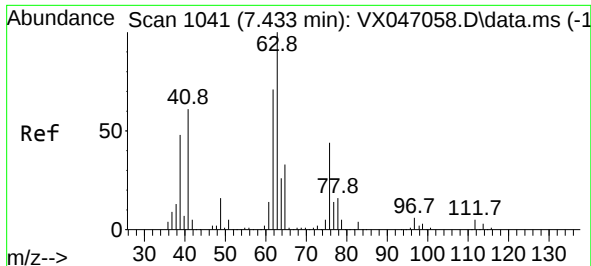
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#44
Trichloroethene
Concen: 45.542 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

Tgt Ion:130 Resp: 175550
Ion Ratio Lower Upper
130 100
95 105.2 0.0 198.6





#45

1,2-Dichloropropane

Concen: 46.960 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047169.D

Acq: 28 Jul 2025 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 17679

Ion Ratio Lower Upper

63 100

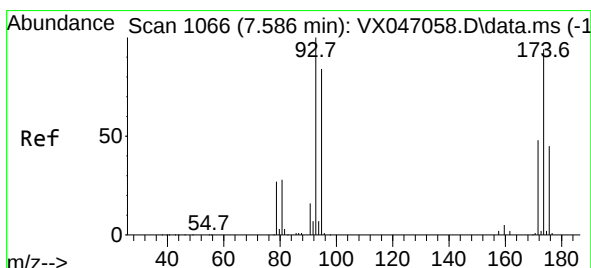
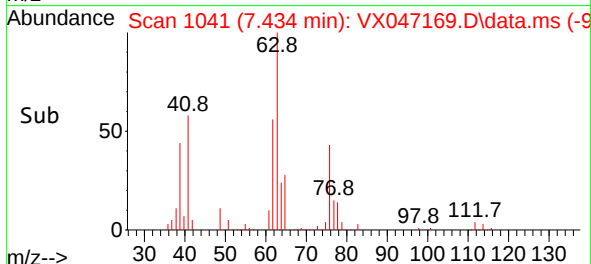
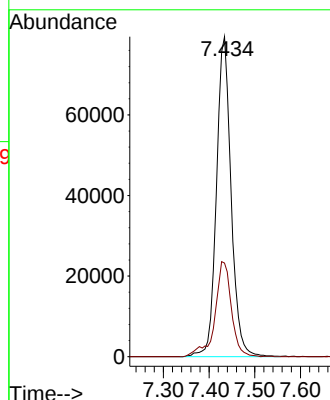
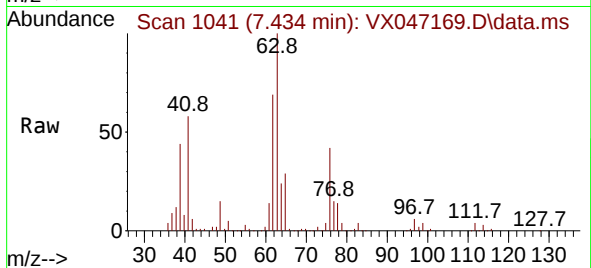
65 29.3 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#46

Dibromomethane

Concen: 47.294 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047169.D

Acq: 28 Jul 2025 16:39

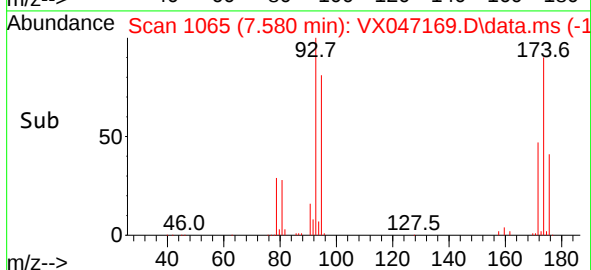
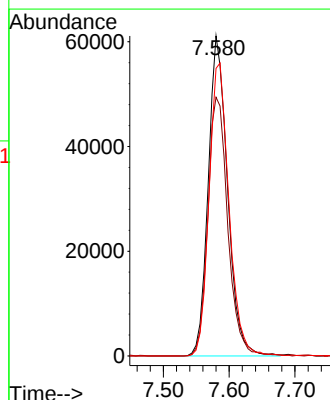
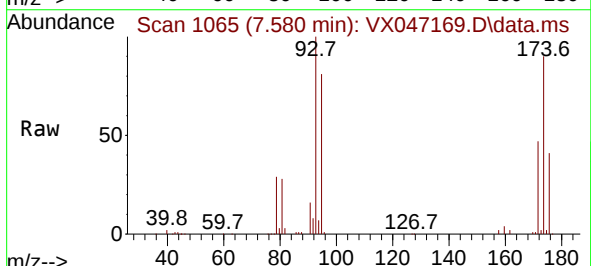
Tgt Ion: 93 Resp: 124863

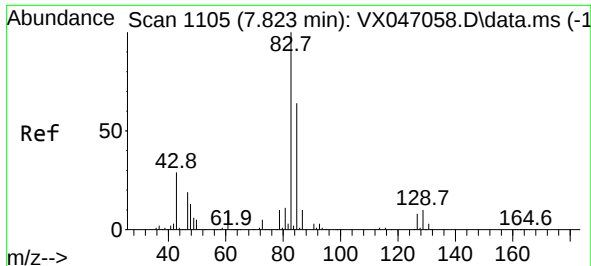
Ion Ratio Lower Upper

93 100

95 83.6 65.9 98.9

174 94.4 74.6 112.0





#47
Bromodichloromethane
Concen: 47.424 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

Instrument :

MSVOA_X

ClientSampleId :

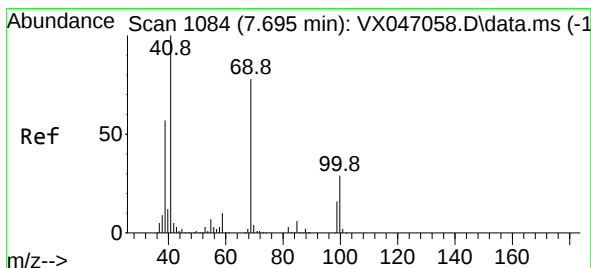
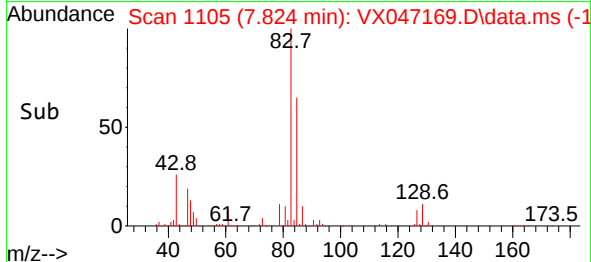
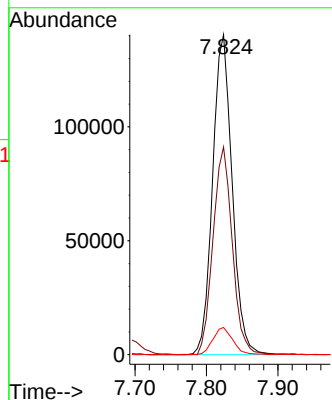
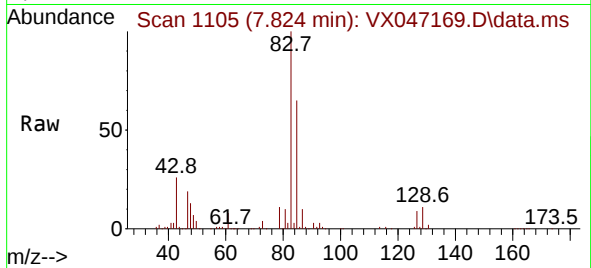
VSTDCCC050EC

Tgt Ion: 83 Resp: 26649
Ion Ratio Lower Upper
83 100
85 64.8 49.9 74.9
127 8.5 6.6 10.0

Manual Integrations

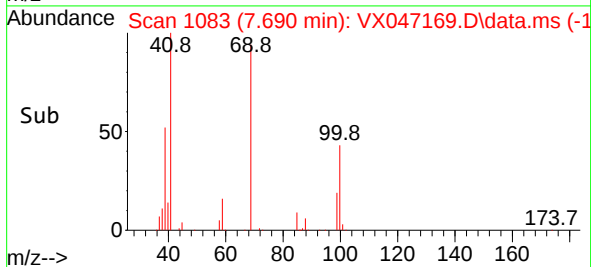
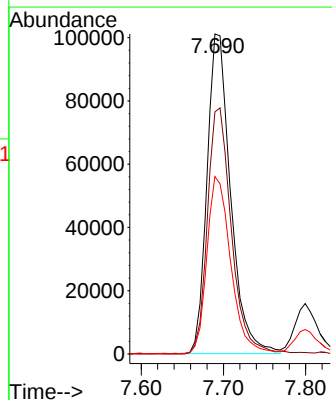
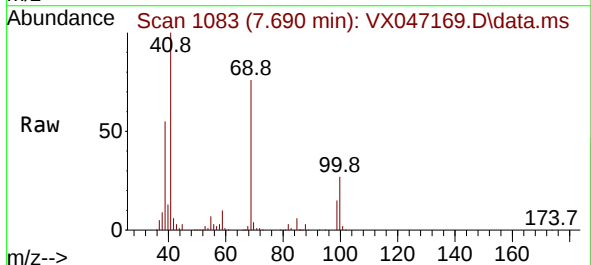
APPROVED

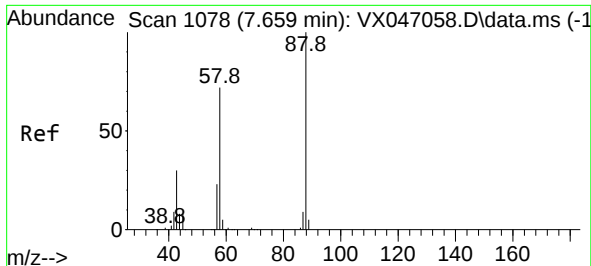
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#48
Methyl methacrylate
Concen: 49.744 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

Tgt Ion: 41 Resp: 202198
Ion Ratio Lower Upper
41 100
69 78.3 62.3 93.5
39 56.0 44.8 67.2





#49

1,4-Dioxane

Concen: 1056.644 ug/l

RT: 7.720 min Scan# 1088

Delta R.T. 0.061 min

Lab File: VX047169.D

Acq: 28 Jul 2025 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

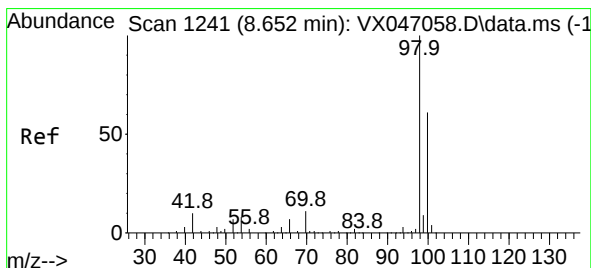
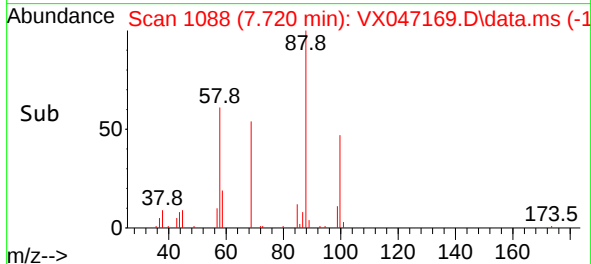
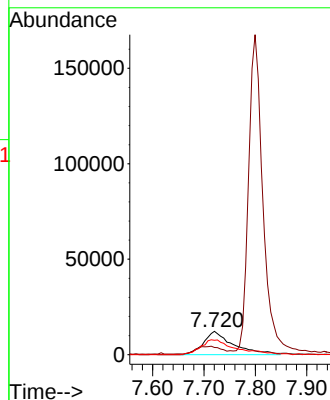
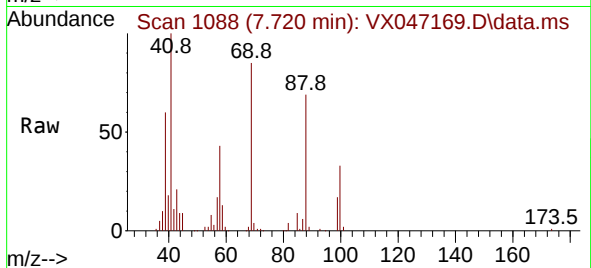
Tgt Ion: 88 Resp: 48850
 Ion Ratio Lower Upper
 88 100
 43 29.8 33.6 50.4
 58 74.2 58.8 88.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#50

Toluene-d8

Concen: 44.615 ug/l

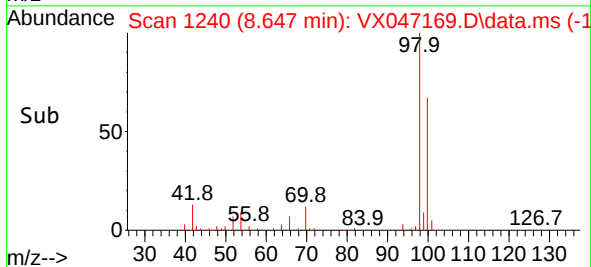
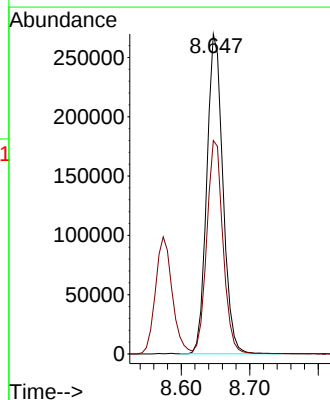
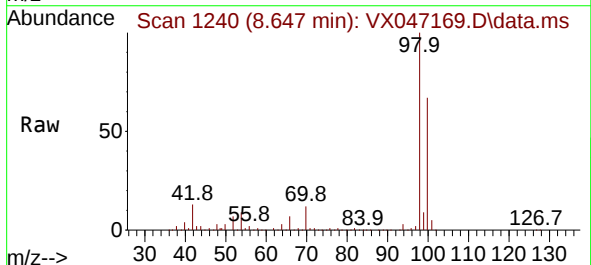
RT: 8.647 min Scan# 1240

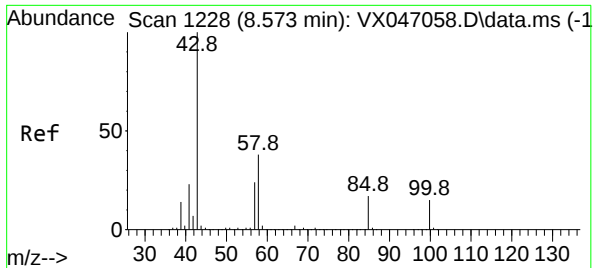
Delta R.T. -0.006 min

Lab File: VX047169.D

Acq: 28 Jul 2025 16:39

Tgt Ion: 98 Resp: 440262
 Ion Ratio Lower Upper
 98 100
 100 67.2 53.3 79.9





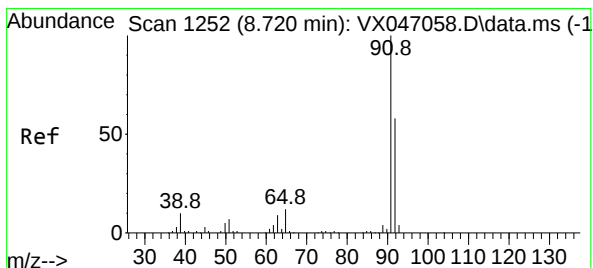
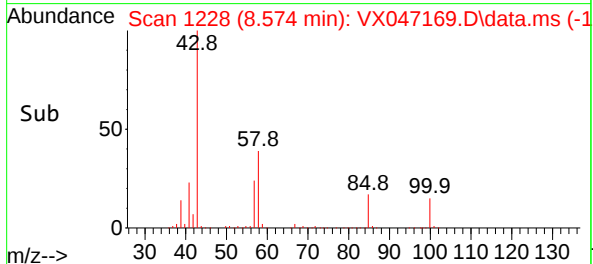
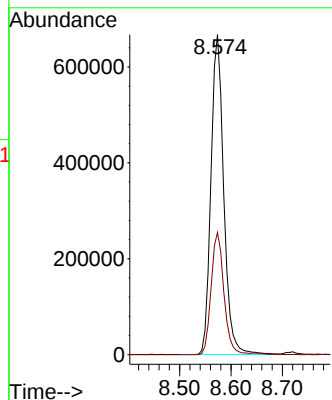
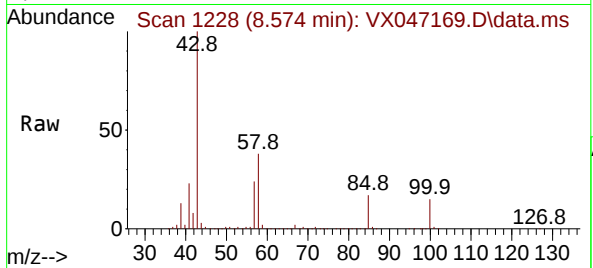
#51
4-Methyl-2-Pentanone
Concen: 260.196 ug/l
RT: 8.574 min Scan# 1153970
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1153970
Ion Ratio Lower Upper
43 100
58 38.0 30.6 45.8

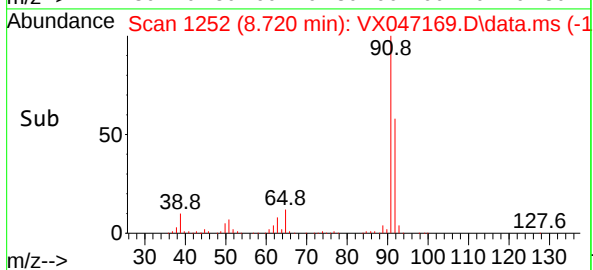
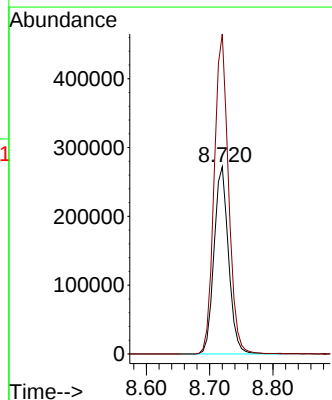
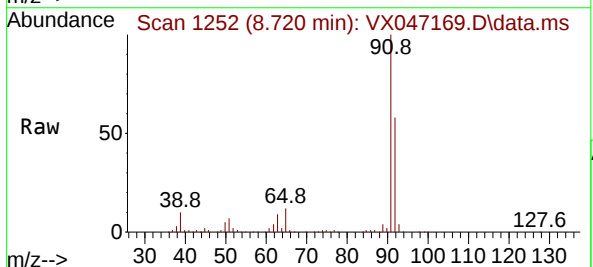
Manual Integrations
APPROVED

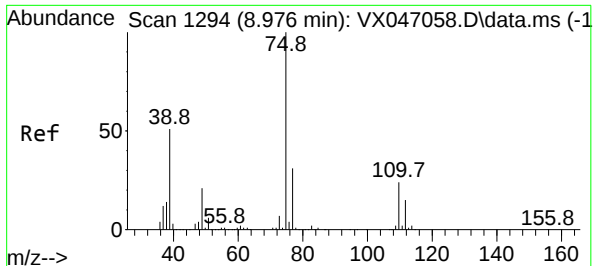
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#52
Toluene
Concen: 46.693 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

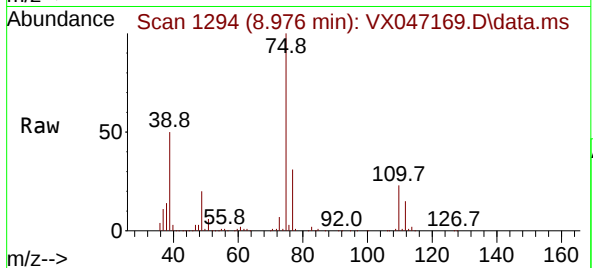
Tgt Ion: 92 Resp: 431573
Ion Ratio Lower Upper
92 100
91 169.3 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 49.250 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

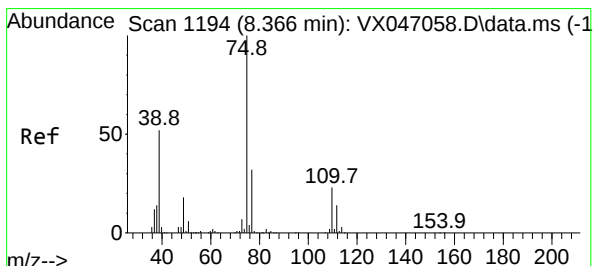
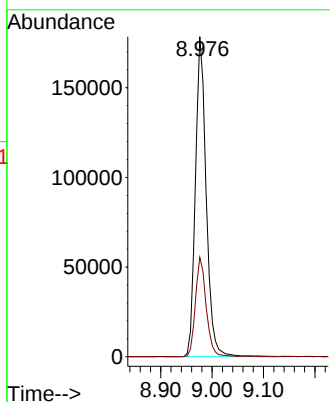
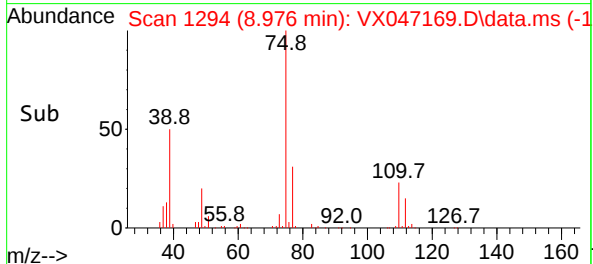
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



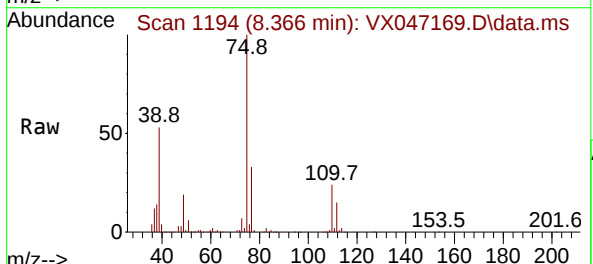
Tgt Ion: 75 Resp: 261340
Ion Ratio Lower Upper
75 100
77 31.0 24.5 36.7

Manual Integrations
APPROVED

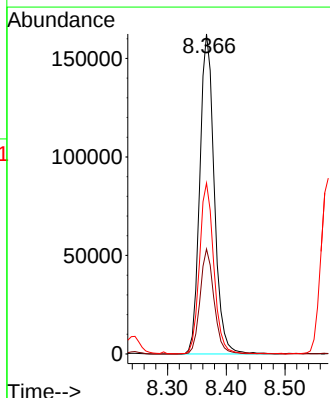
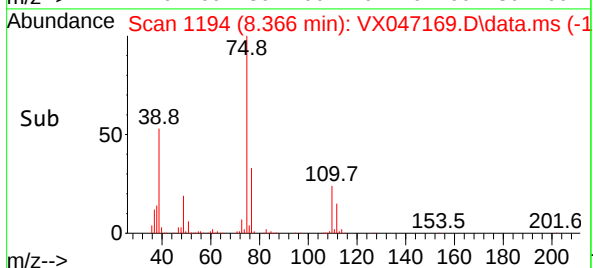
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

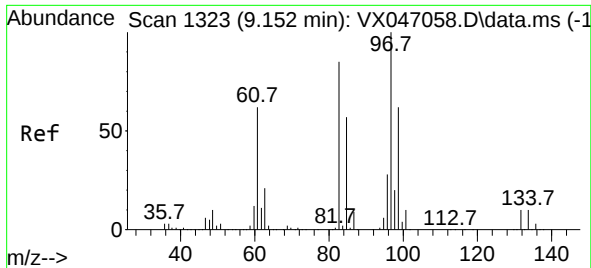


#54
cis-1,3-Dichloropropene
Concen: 47.891 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39



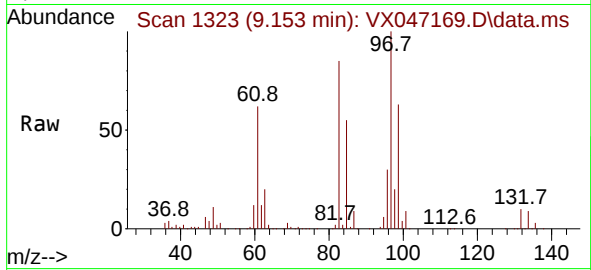
Tgt Ion: 75 Resp: 278149
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0
39 52.8 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 47.406 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

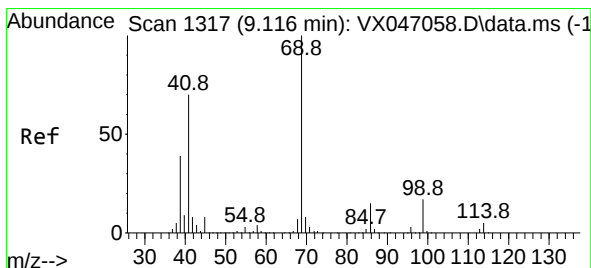
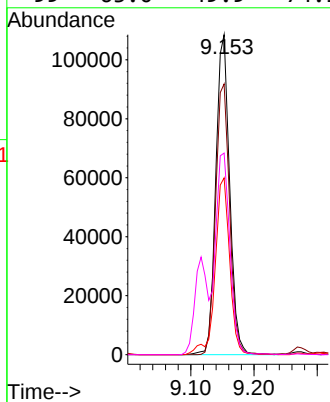
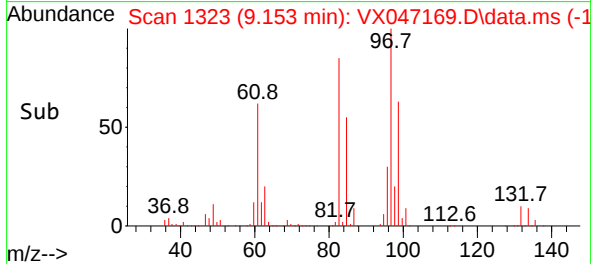
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



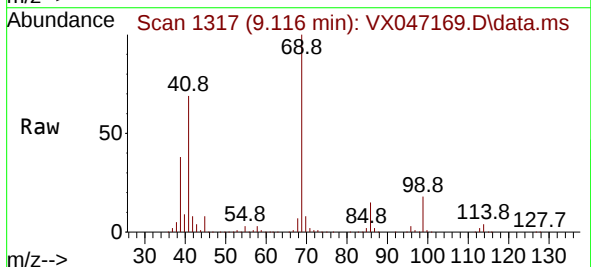
Tgt Ion: 97 Resp: 16432
Ion Ratio Lower Upper
97 100
83 84.6 68.0 102.0
85 55.3 45.2 67.8
99 63.0 49.9 74.9

Manual Integrations
APPROVED

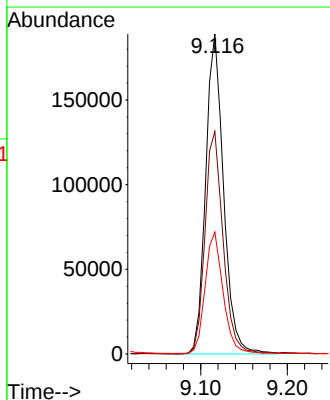
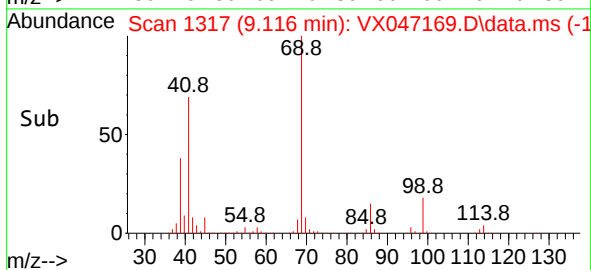
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

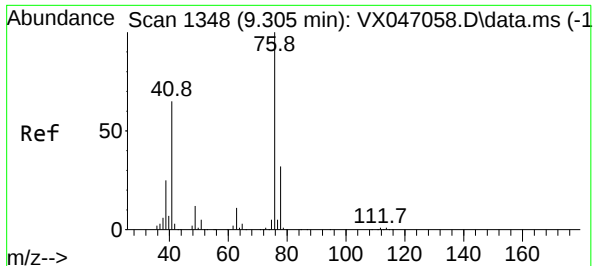


#56
Ethyl methacrylate
Concen: 52.944 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39



Tgt Ion: 69 Resp: 271682
Ion Ratio Lower Upper
69 100
41 70.9 56.1 84.1
39 38.4 31.1 46.7





#57

1,3-Dichloropropane

Concen: 47.219 ug/l

RT: 9.305 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VX047169.D

Acq: 28 Jul 2025 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 28445

Ion Ratio Lower Upper

76 100

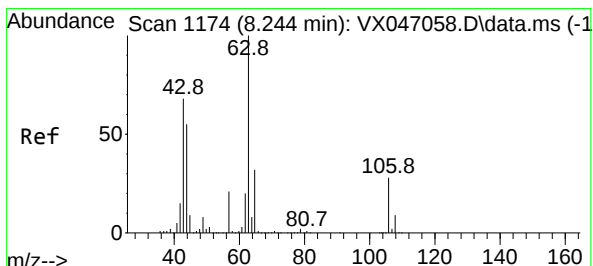
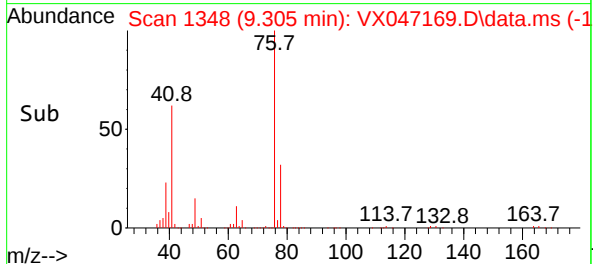
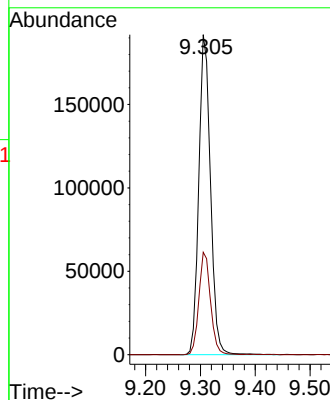
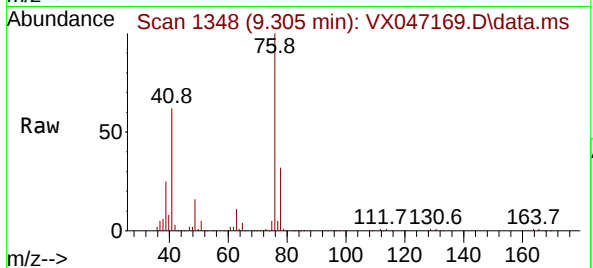
78 31.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#58

2-Chloroethyl Vinyl ether

Concen: 243.088 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047169.D

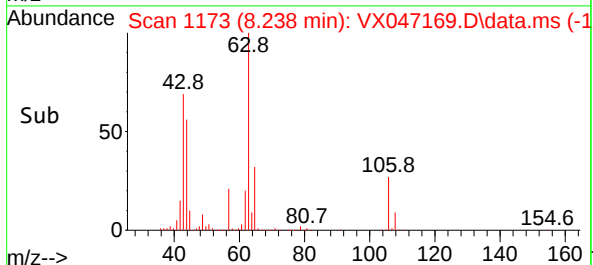
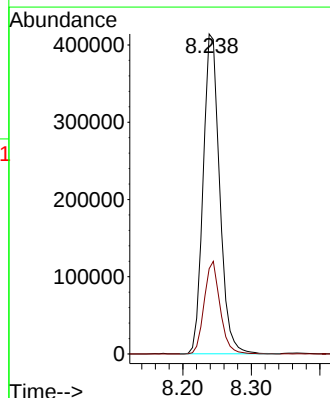
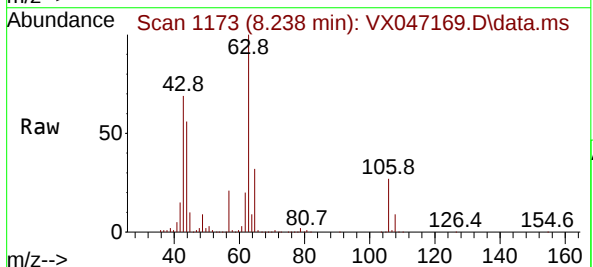
Acq: 28 Jul 2025 16:39

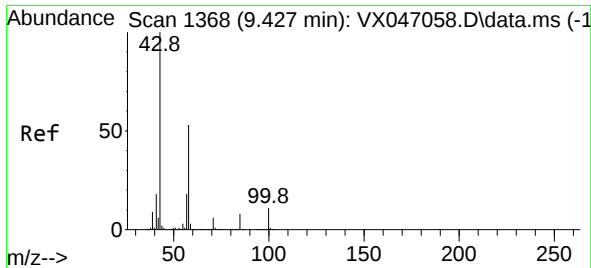
Tgt Ion: 63 Resp: 694142

Ion Ratio Lower Upper

63 100

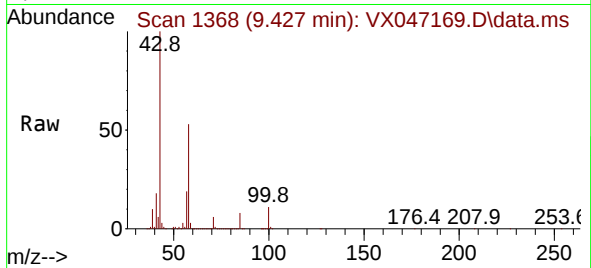
106 27.9 22.2 33.4





#59
2-Hexanone
Concen: 275.819 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

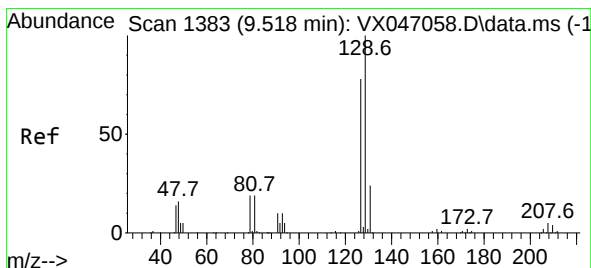
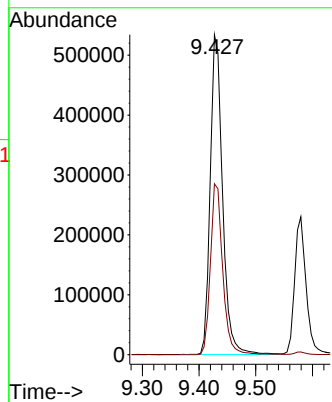
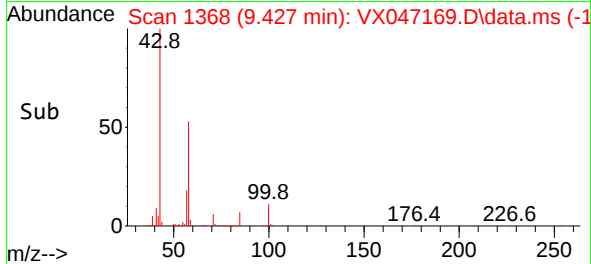
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 80818
Ion Ratio Lower Upper
43 100
58 53.4 26.5 79.5

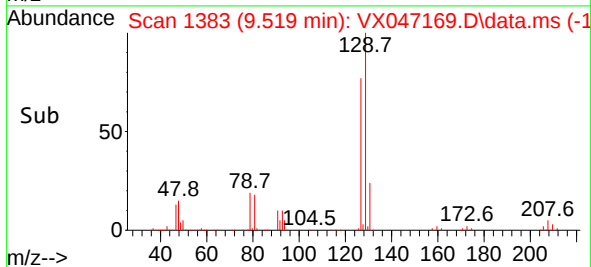
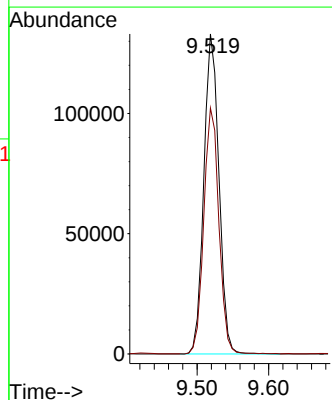
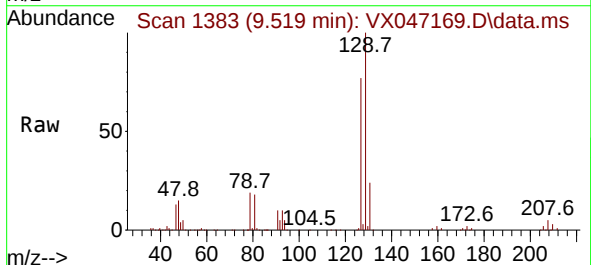
Manual Integrations
APPROVED

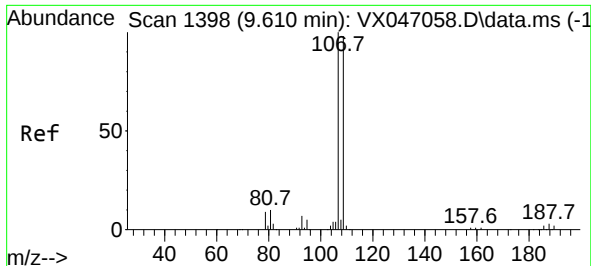
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#60
Dibromochloromethane
Concen: 47.920 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

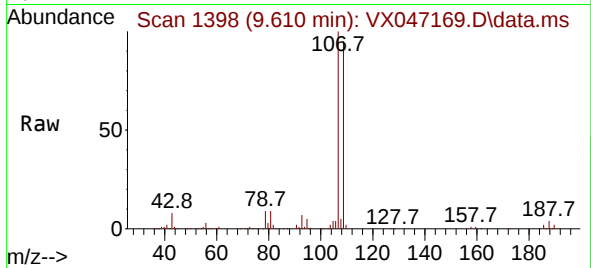
Tgt Ion:129 Resp: 194812
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.8





#61
1,2-Dibromoethane
Concen: 47.020 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

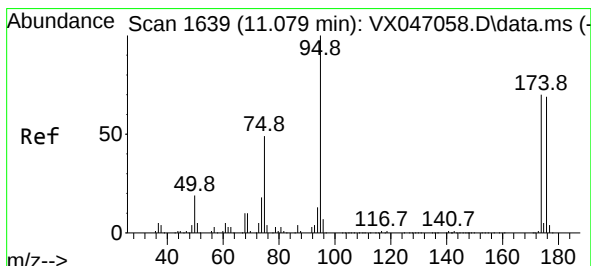
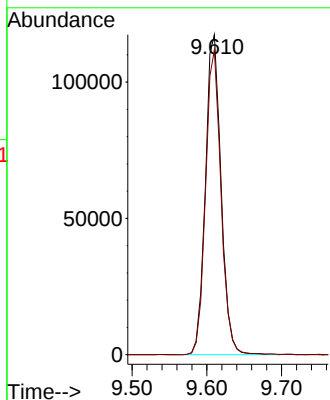
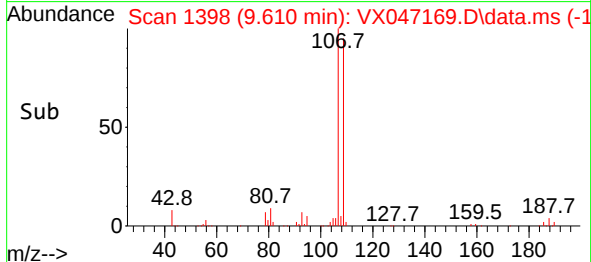
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



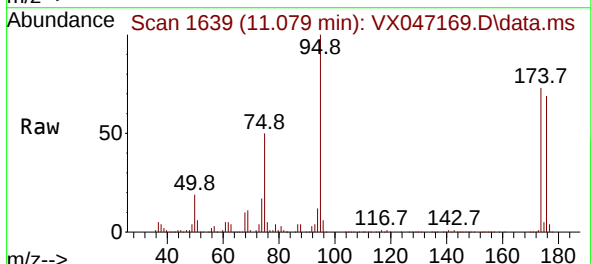
Tgt Ion:107 Resp: 170420
Ion Ratio Lower Upper
107 100
109 94.0 74.6 112.0

Manual Integrations
APPROVED

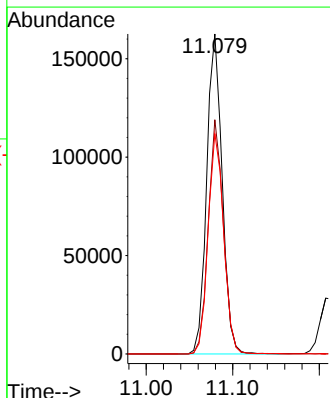
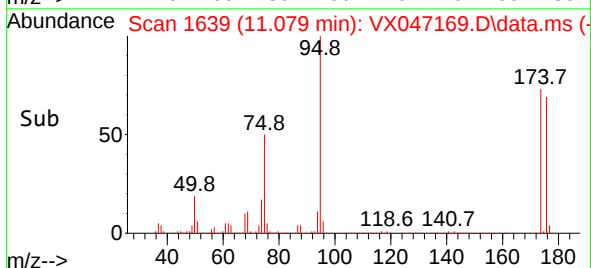
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

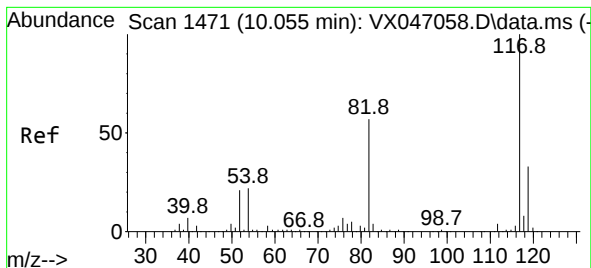


#62
4-Bromofluorobenzene
Concen: 47.347 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39



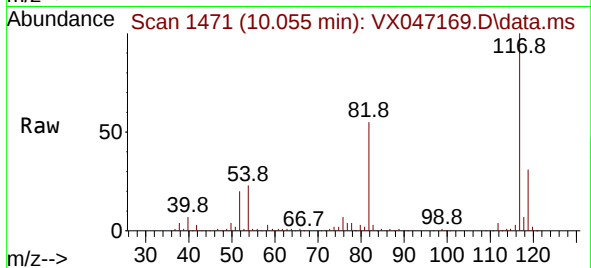
Tgt Ion: 95 Resp: 201350
Ion Ratio Lower Upper
95 100
174 71.9 0.0 144.6
176 69.4 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

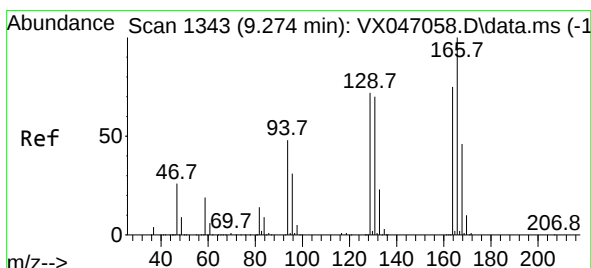
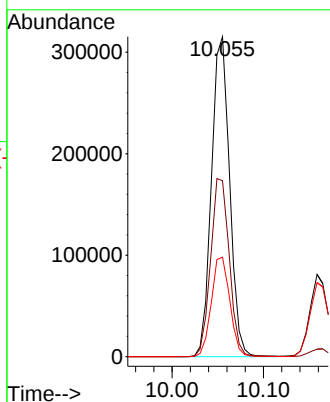
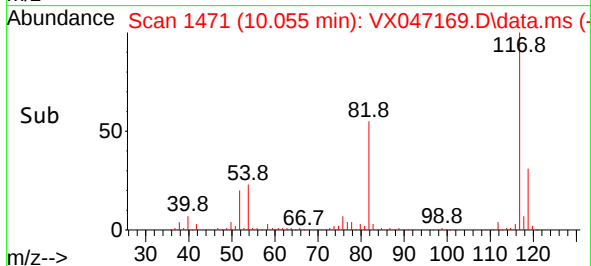
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 434162
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.2
119 31.1 26.1 39.1

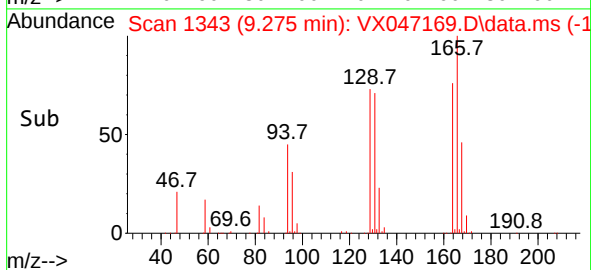
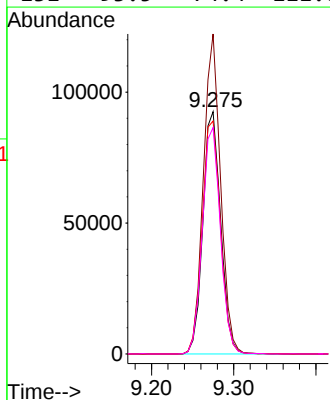
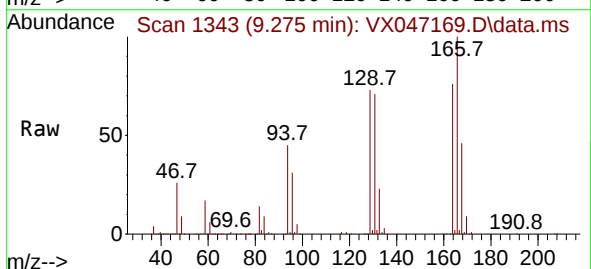
Manual Integrations
APPROVED

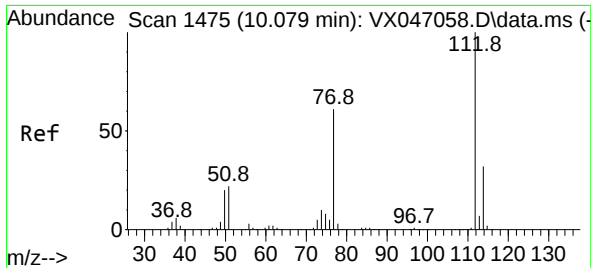
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#64
Tetrachloroethene
Concen: 44.303 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

Tgt Ion:164 Resp: 138662
Ion Ratio Lower Upper
164 100
166 132.1 106.2 159.4
129 96.2 76.6 114.8
131 93.5 74.4 111.6





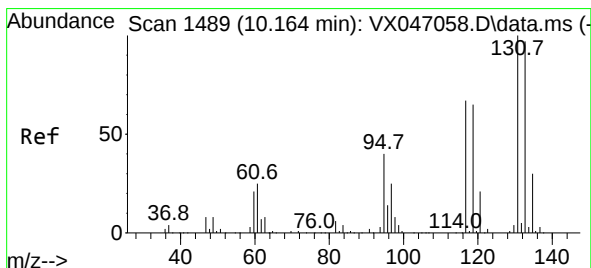
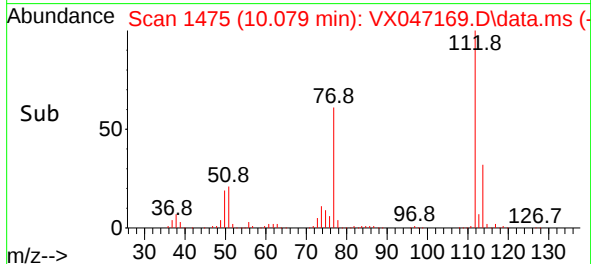
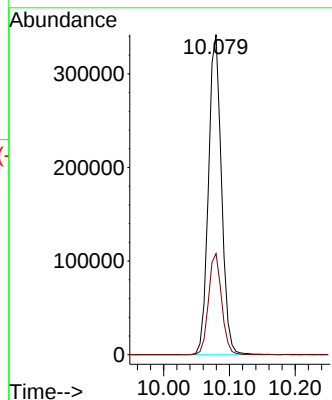
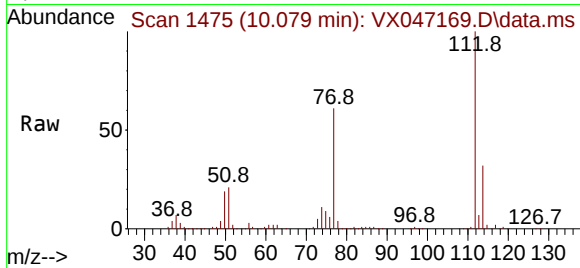
#65
Chlorobenzene
Concen: 46.221 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 47011
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6

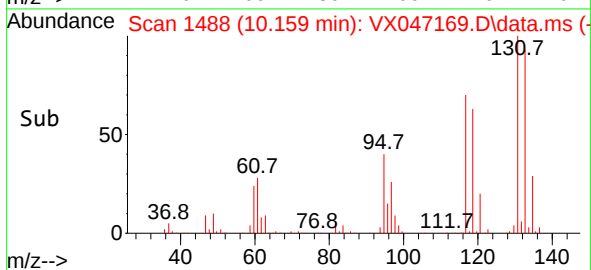
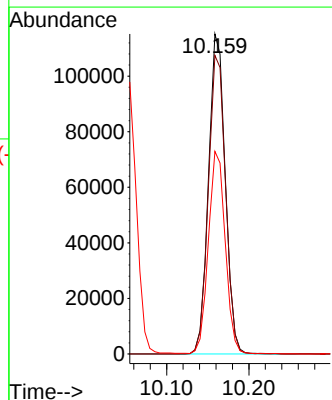
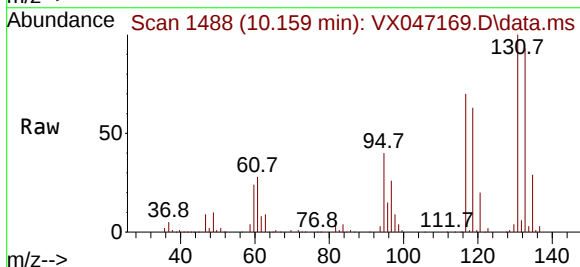
Manual Integrations
APPROVED

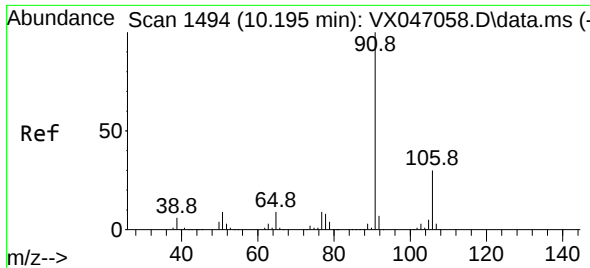
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 47.556 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

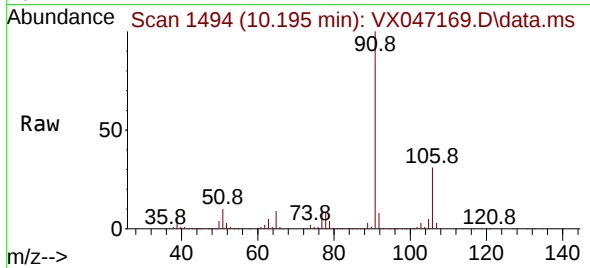
Tgt Ion:131 Resp: 162850
Ion Ratio Lower Upper
131 100
133 95.7 48.4 145.3
119 63.8 32.4 97.0





#67
Ethyl Benzene
Concen: 46.705 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

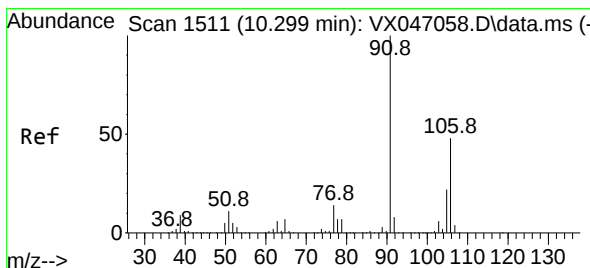
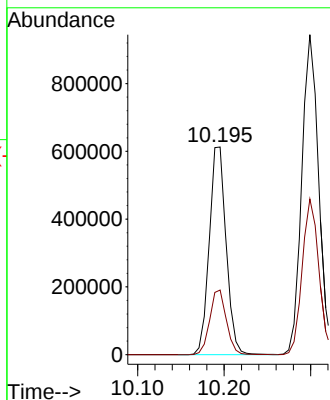
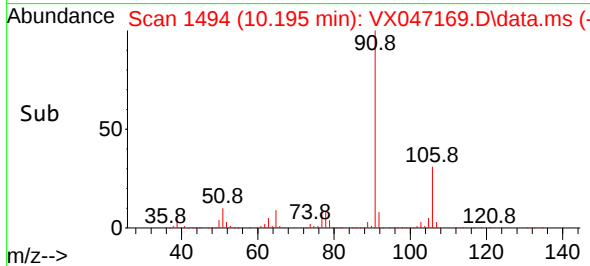
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 830580
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.4

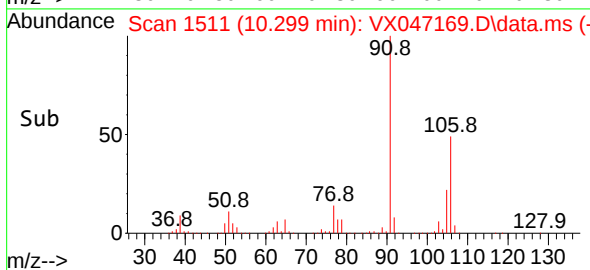
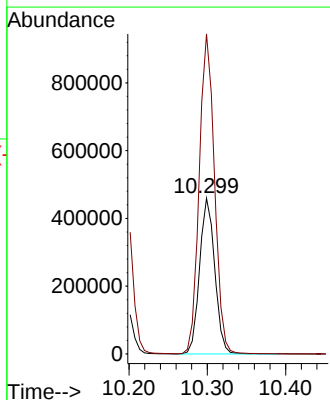
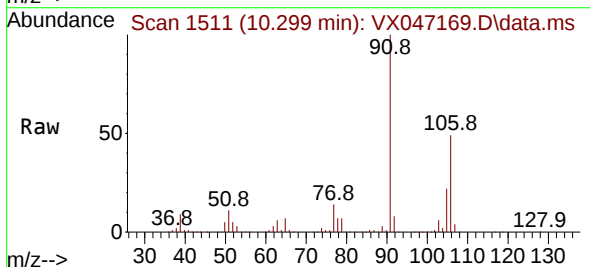
Manual Integrations
APPROVED

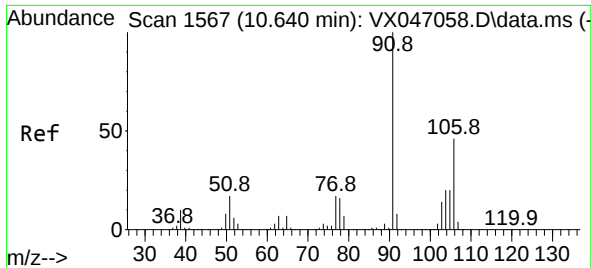
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#68
m/p-Xylenes
Concen: 92.592 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

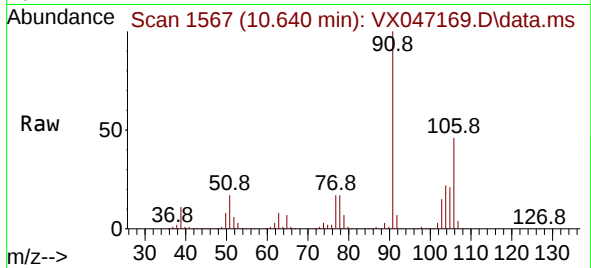
Tgt Ion:106 Resp: 616193
Ion Ratio Lower Upper
106 100
91 208.0 167.4 251.0





#69
o-Xylene
Concen: 47.565 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

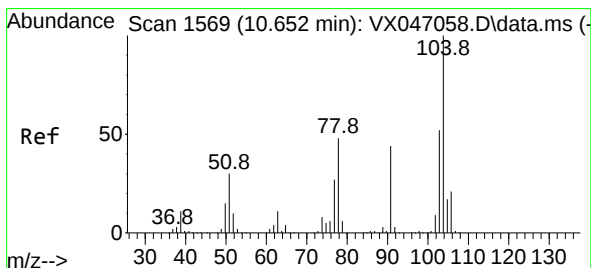
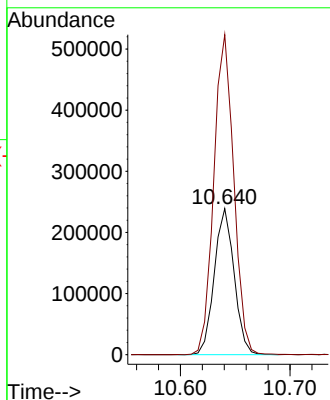
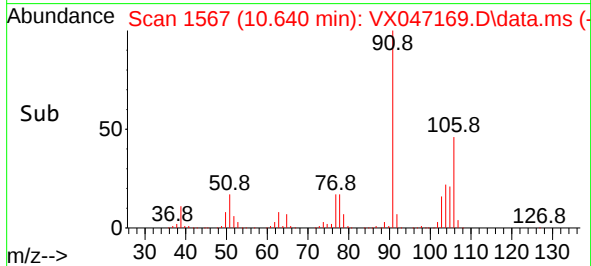
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 301135
Ion Ratio Lower Upper
106 100
91 220.6 110.3 331.0

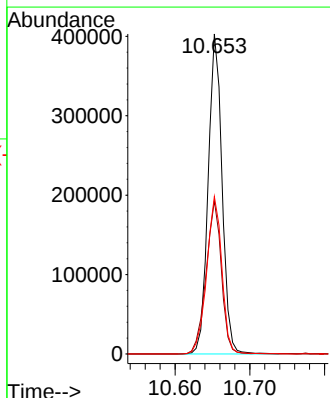
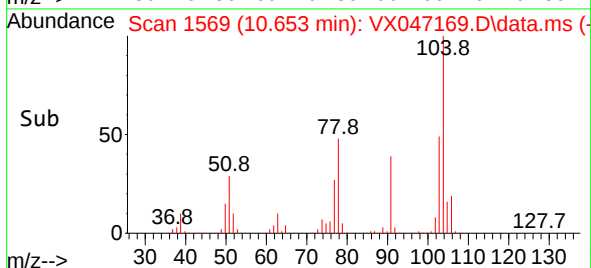
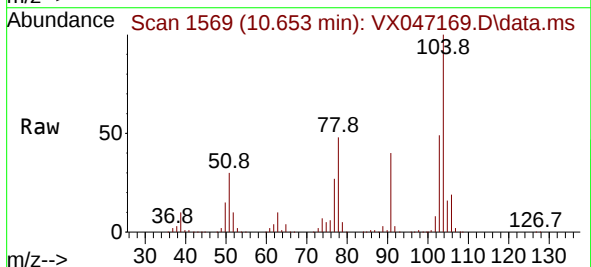
Manual Integrations
APPROVED

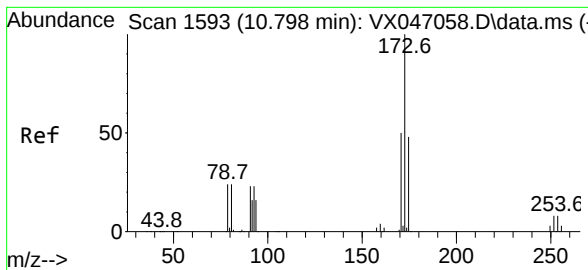
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#70
Styrene
Concen: 48.011 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

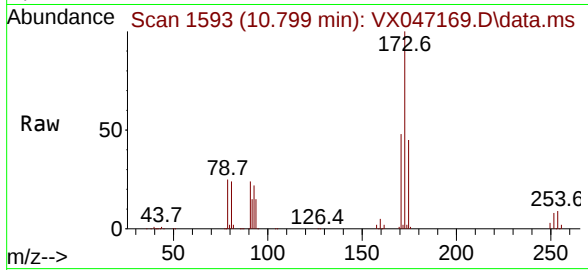
Tgt Ion:104 Resp: 521214
Ion Ratio Lower Upper
104 100
78 52.8 42.0 63.0
103 53.8 43.8 65.6





#71
Bromoform
Concen: 48.573 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

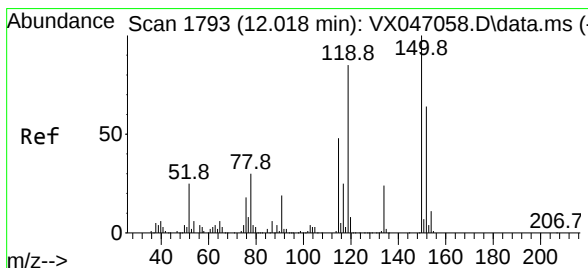
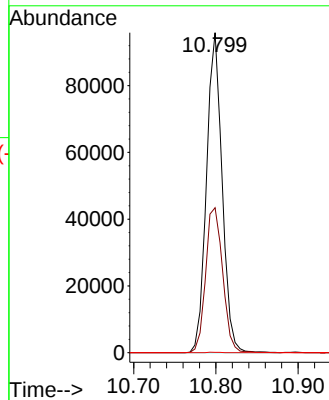
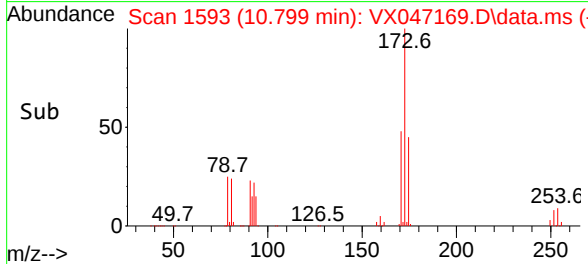
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



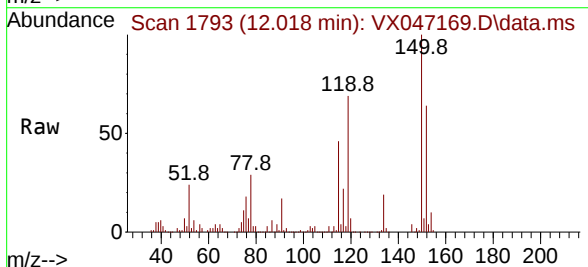
Tgt Ion:173 Resp: 126349
Ion Ratio Lower Upper
173 100
175 49.5 24.2 72.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

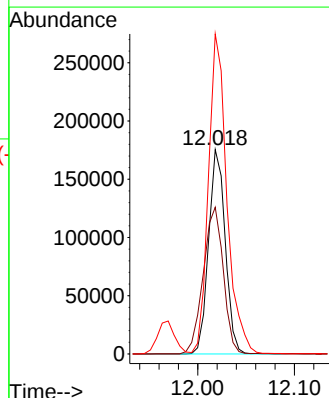
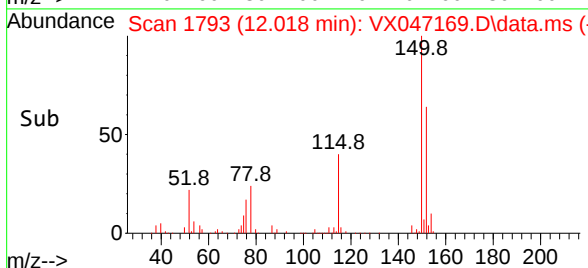
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

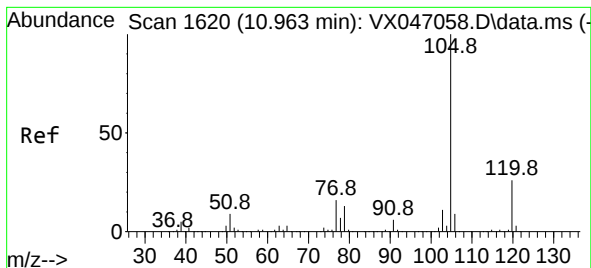


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39



Tgt Ion:152 Resp: 210586
Ion Ratio Lower Upper
152 100
115 86.7 45.6 136.7
150 172.9 0.0 354.6





#73

Isopropylbenzene

Concen: 47.509 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047169.D

Acq: 28 Jul 2025 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 78930

Ion Ratio Lower Upper

105 100

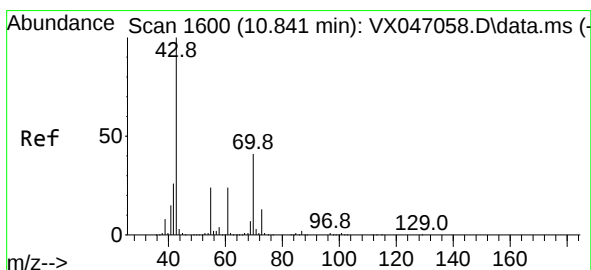
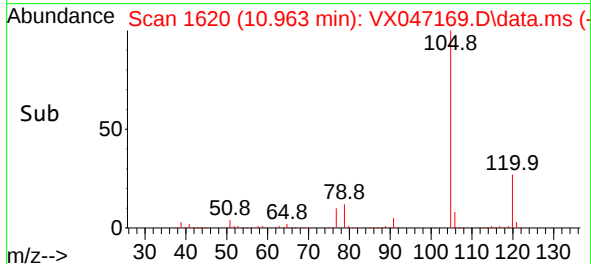
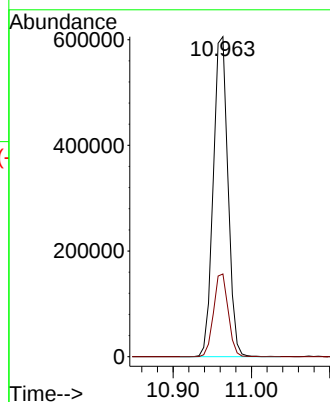
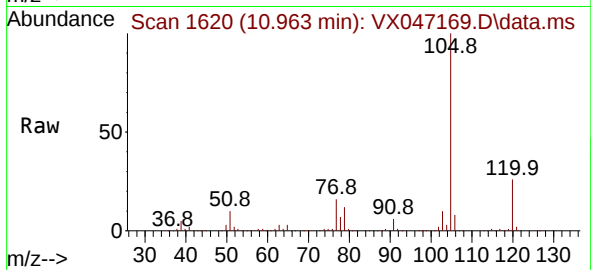
120 25.7 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#74

N-ethyl acetate

Concen: 51.395 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX047169.D

Acq: 28 Jul 2025 16:39

Tgt Ion: 43 Resp: 344522

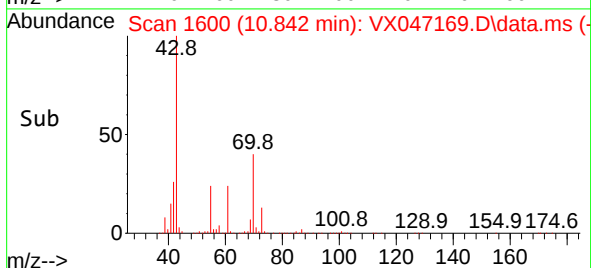
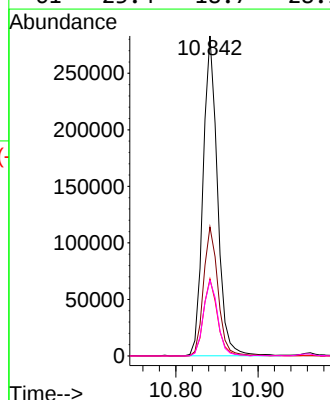
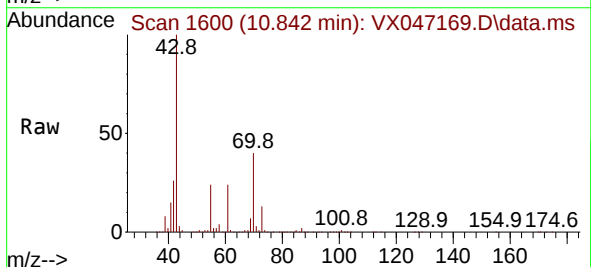
Ion Ratio Lower Upper

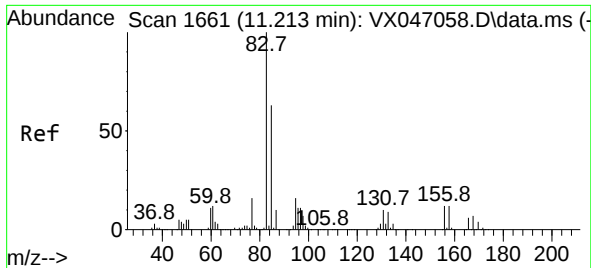
43 100

70 41.0 32.3 48.5

55 23.7 18.9 28.3

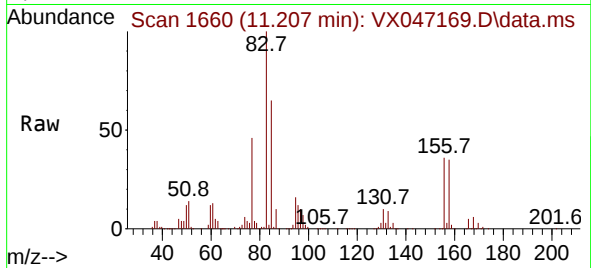
61 23.4 18.7 28.1





#75
1,1,2,2-Tetrachloroethane
Concen: 50.049 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

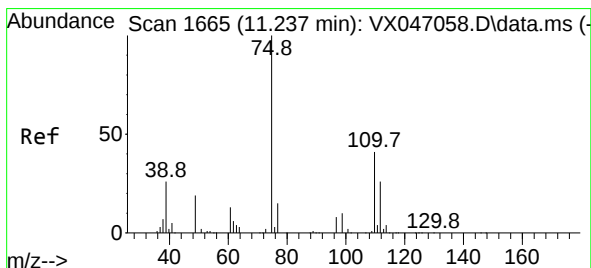
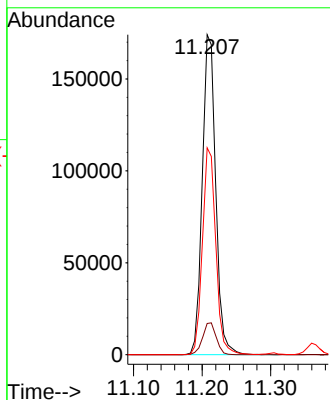
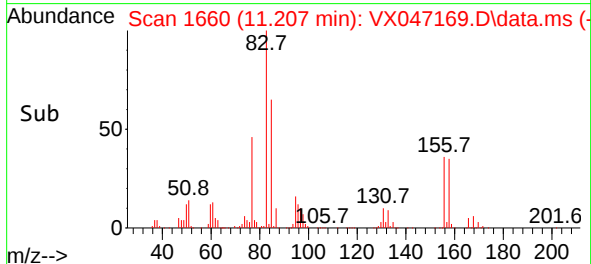
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 237518
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 64.4 32.0 96.2

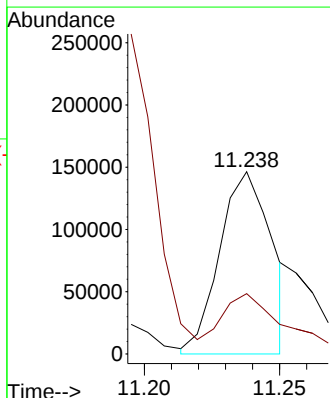
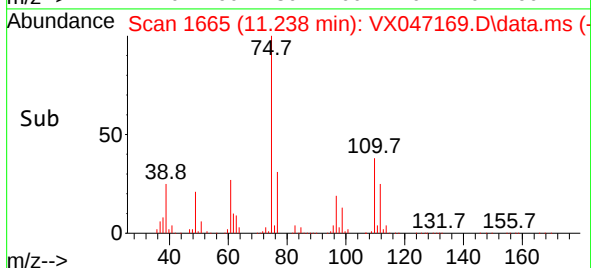
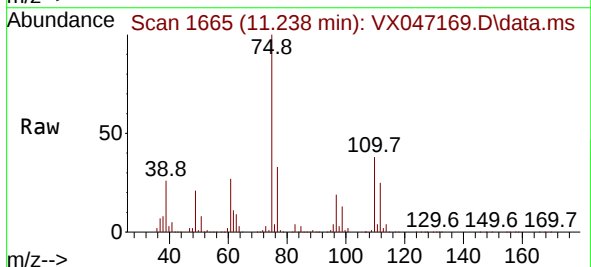
Manual Integrations
APPROVED

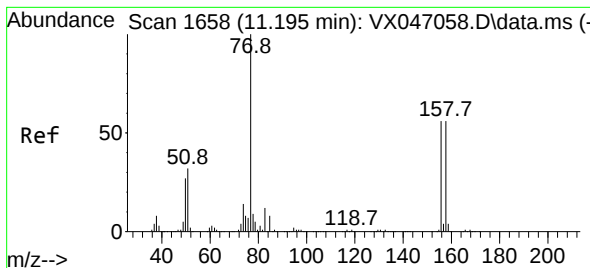
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#76
1,2,3-Trichloropropane
Concen: 50.086 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

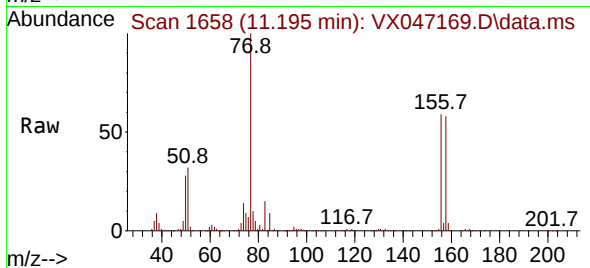
Tgt Ion: 75 Resp: 195229
Ion Ratio Lower Upper
75 100
77 41.1 21.6 65.0





#77
Bromobenzene
Concen: 47.947 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

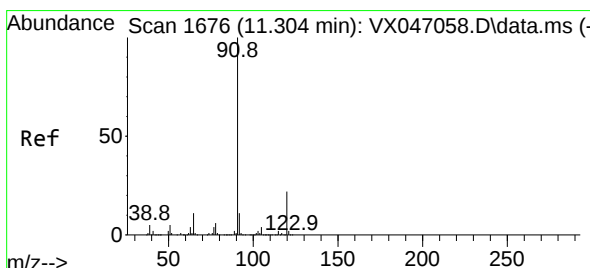
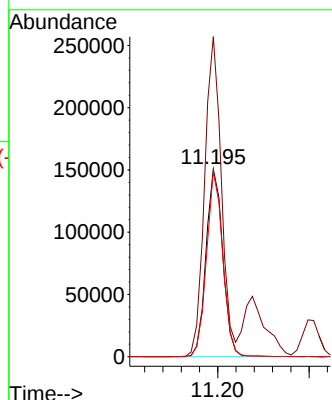
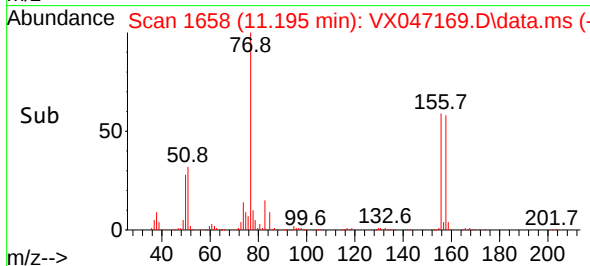
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



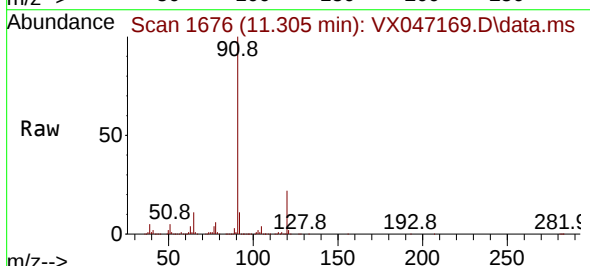
Tgt Ion:156 Resp: 191060
Ion Ratio Lower Upper
156 100
77 170.8 87.3 261.9
158 96.0 48.9 146.6

Manual Integrations
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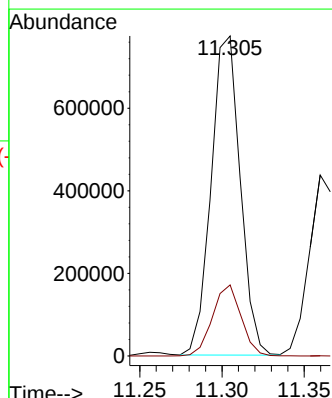
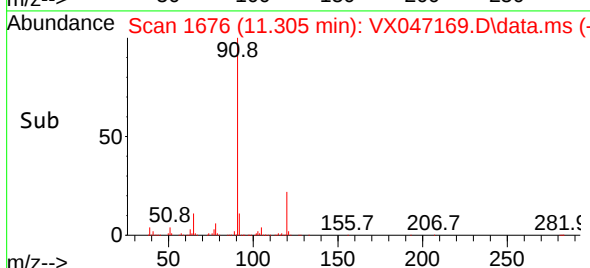
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

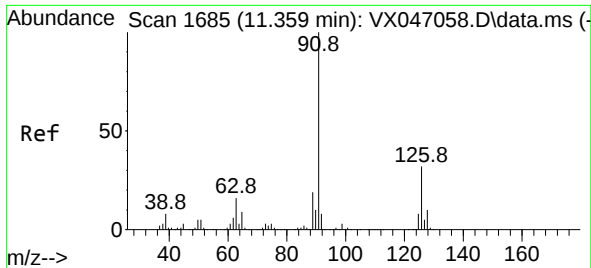


#78
n-propylbenzene
Concen: 47.954 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39



Tgt Ion: 91 Resp: 952057
Ion Ratio Lower Upper
91 100
120 21.9 11.0 33.0





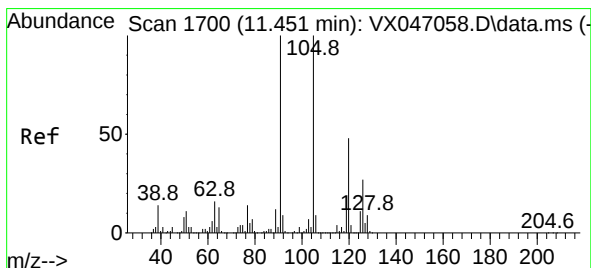
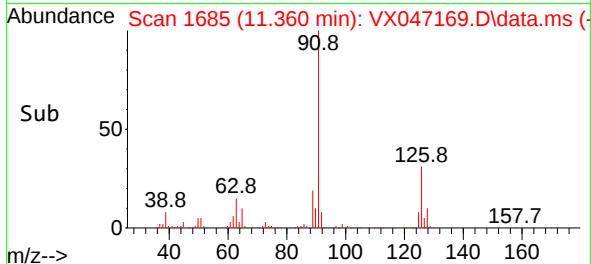
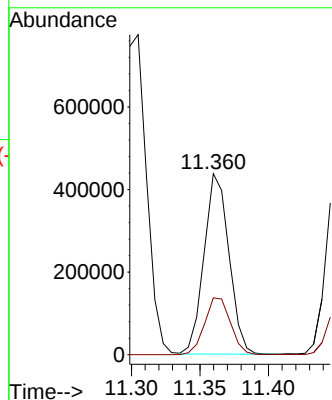
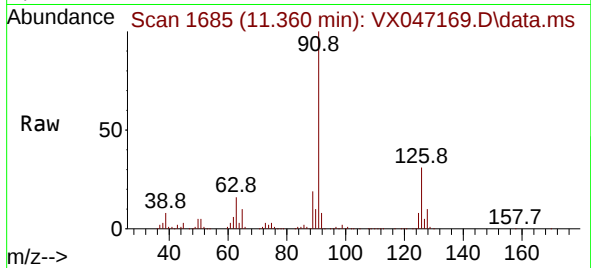
#79
2-Chlorotoluene
Concen: 46.593 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 552949
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.4

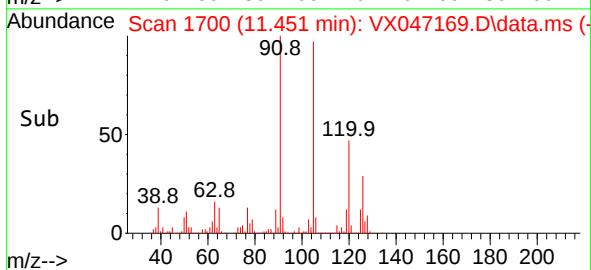
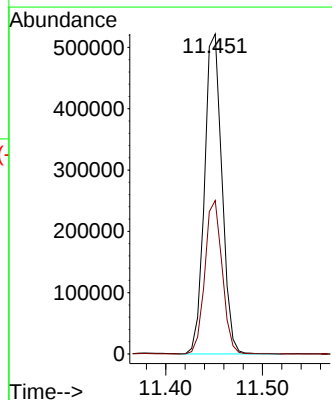
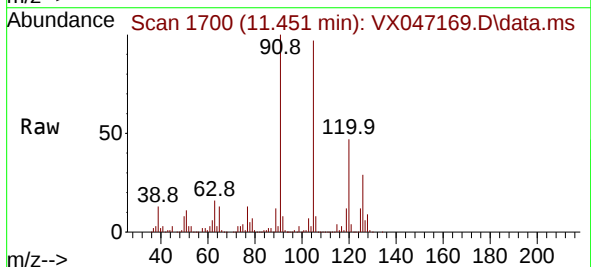
Manual Integrations
APPROVED

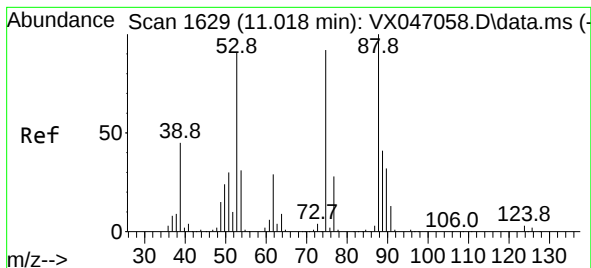
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.641 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

Tgt Ion:105 Resp: 653905
Ion Ratio Lower Upper
105 100
120 47.7 23.8 71.5





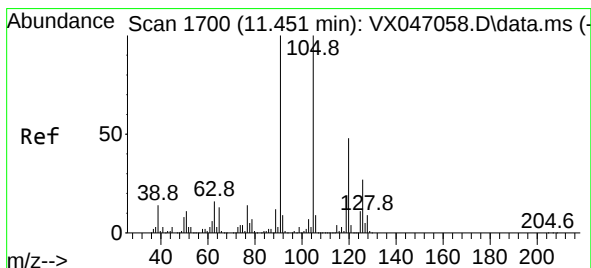
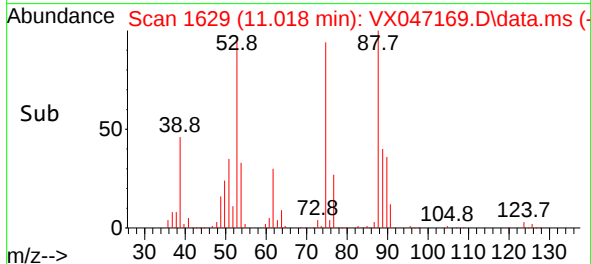
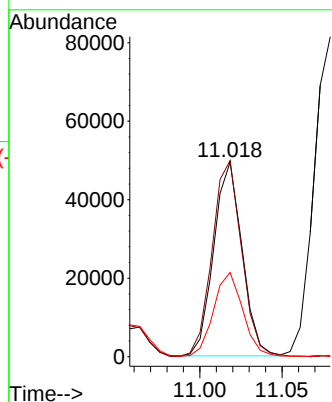
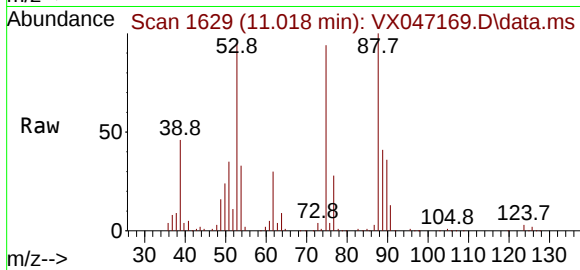
#81
trans-1,4-Dichloro-2-butene
Concen: 39.201 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 59308
Ion Ratio Lower Upper
75 100
53 105.4 84.2 126.4
89 44.6 36.0 54.0

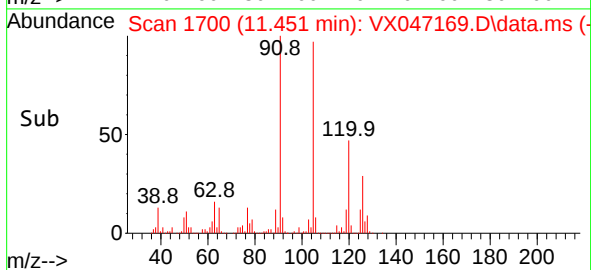
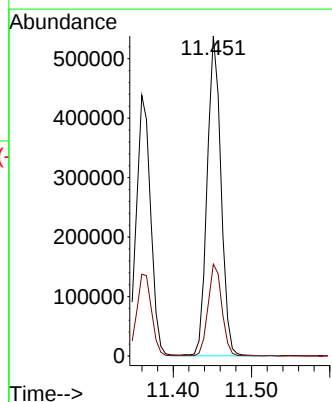
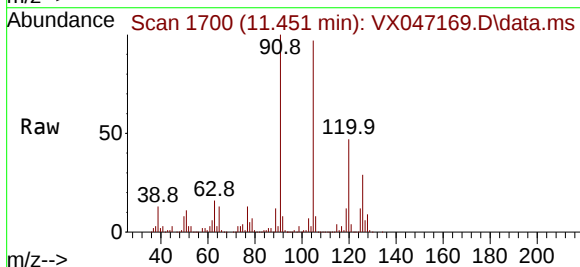
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#82
4-Chlorotoluene
Concen: 47.361 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

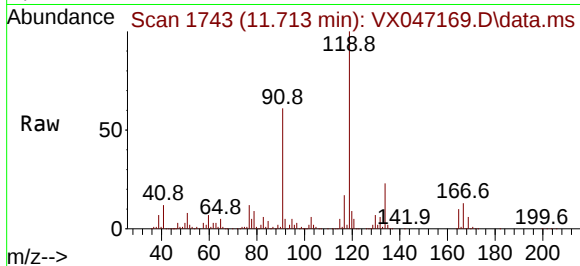
Tgt Ion: 91 Resp: 656063
Ion Ratio Lower Upper
91 100
126 28.7 14.1 42.3





#83
 tert-Butylbenzene
 Concen: 47.865 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX047169.D
 Acq: 28 Jul 2025 16:39

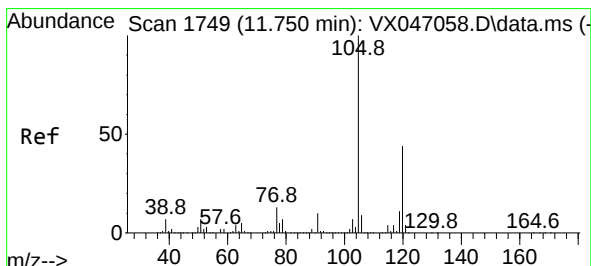
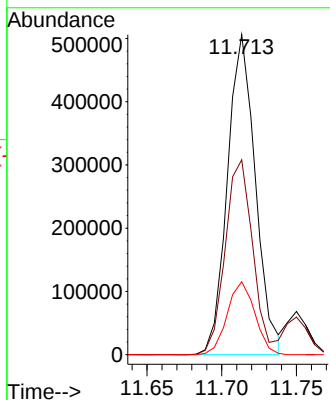
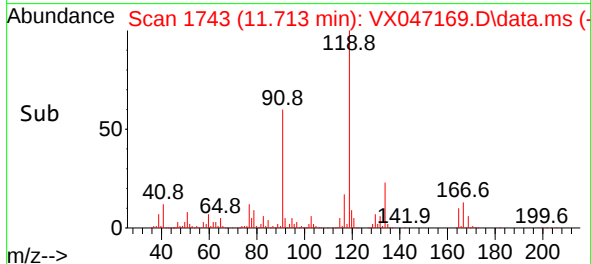
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



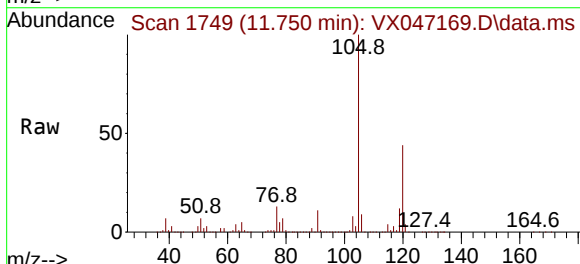
Tgt Ion:119 Resp: 659398
 Ion Ratio Lower Upper
 119 100
 91 60.6 29.6 88.8
 134 22.5 11.4 34.1

Manual Integrations
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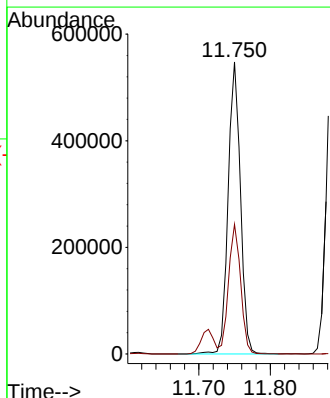
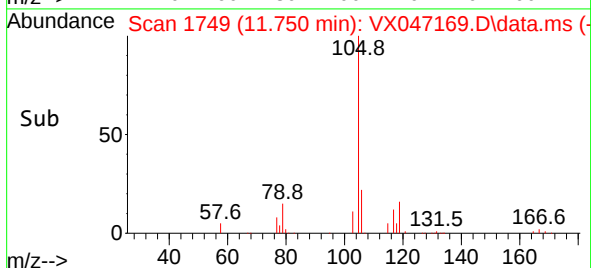
Reviewed By :John Carlone 07/29/2025
 Supervised By :Mahesh Dadoda 07/29/2025

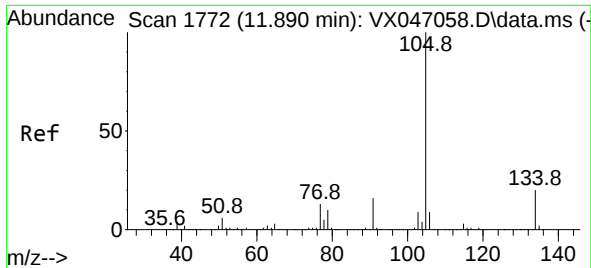


#84
 1,2,4-Trimethylbenzene
 Concen: 47.638 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX047169.D
 Acq: 28 Jul 2025 16:39



Tgt Ion:105 Resp: 652180
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.0 66.0





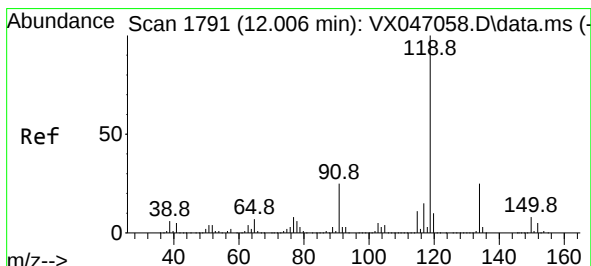
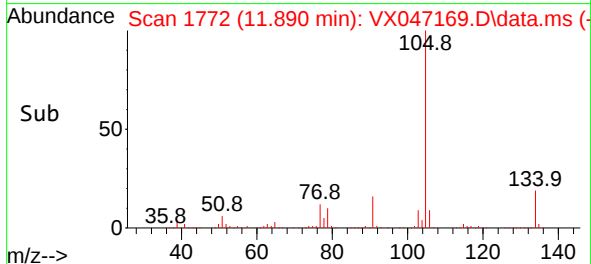
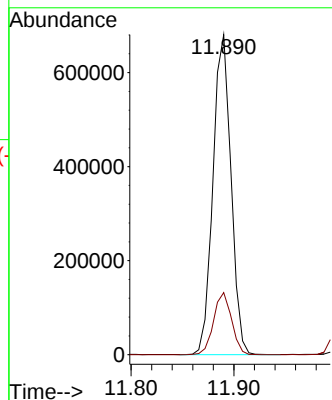
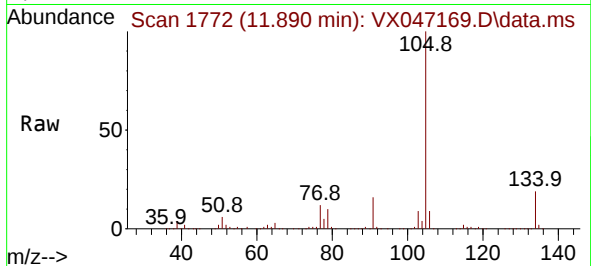
#85
 sec-Butylbenzene
 Concen: 48.050 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047169.D
 Acq: 28 Jul 2025 16:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 827089
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.9 29.7

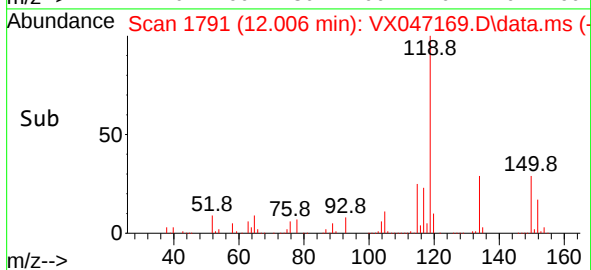
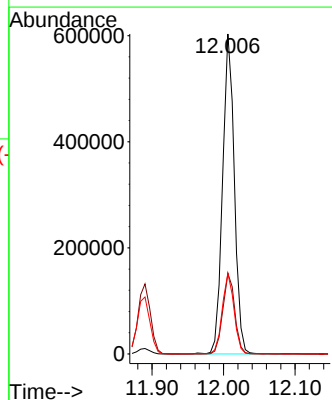
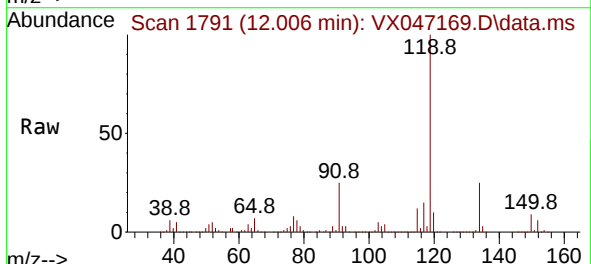
Manual Integrations
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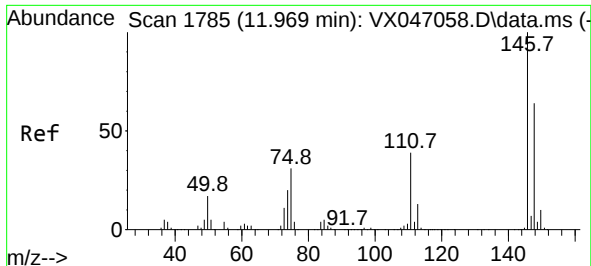
Reviewed By :John Carlone 07/29/2025
 Supervised By :Mahesh Dadoda 07/29/2025



#86
 p-Isopropyltoluene
 Concen: 48.158 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047169.D
 Acq: 28 Jul 2025 16:39

Tgt Ion:119 Resp: 687417
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 25.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 46.672 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047169.D

Acq: 28 Jul 2025 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 35338

Ion Ratio Lower Upper

146 100

111 41.9 21.0 63.0

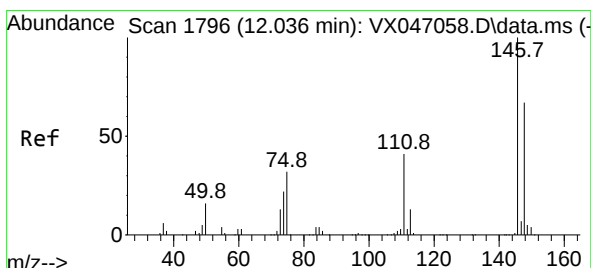
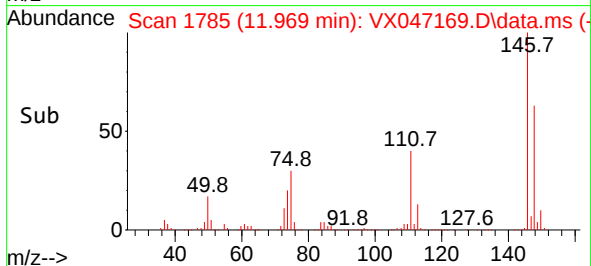
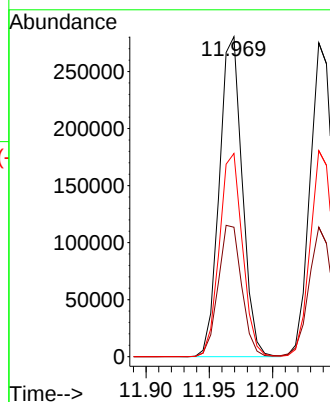
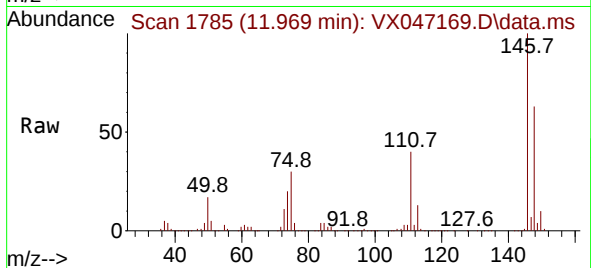
148 64.0 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#88

1,4-Dichlorobenzene

Concen: 45.633 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047169.D

Acq: 28 Jul 2025 16:39

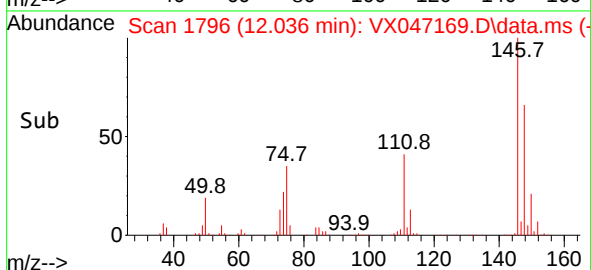
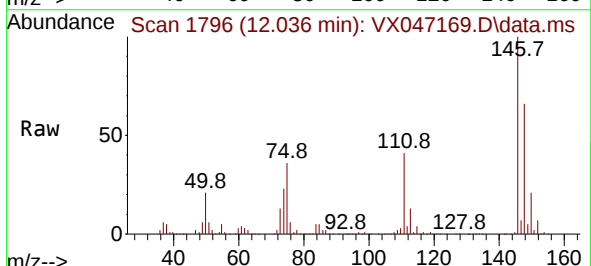
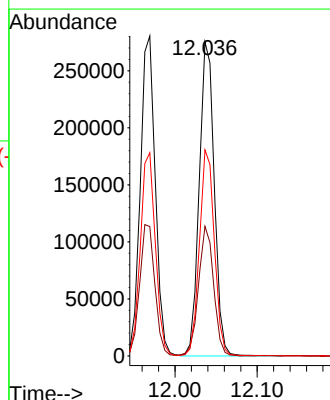
Tgt Ion:146 Resp: 350055

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.9

148 65.4 33.0 98.9





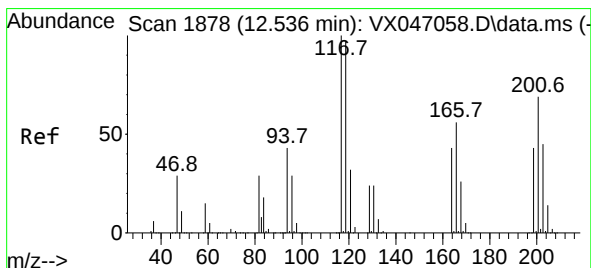
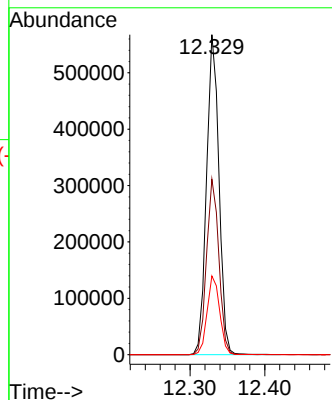
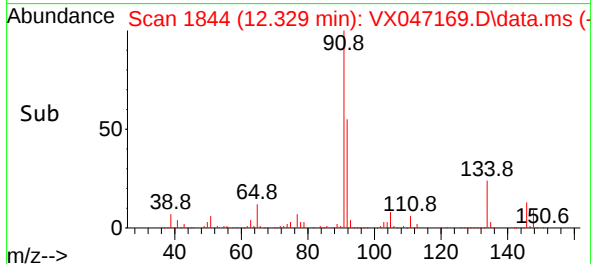
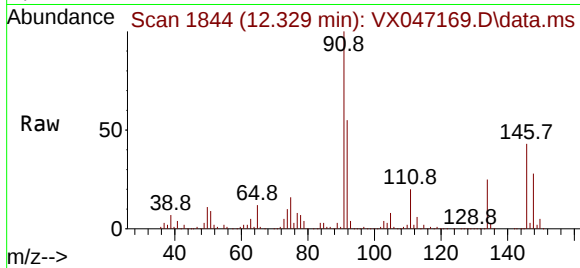
#89
n-Butylbenzene
Concen: 48.937 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 65508
Ion Ratio Lower Upper
91 100
92 54.7 27.5 82.5
134 24.9 12.8 38.3

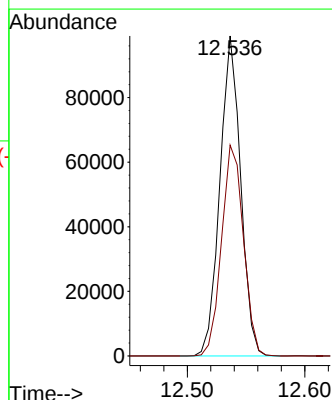
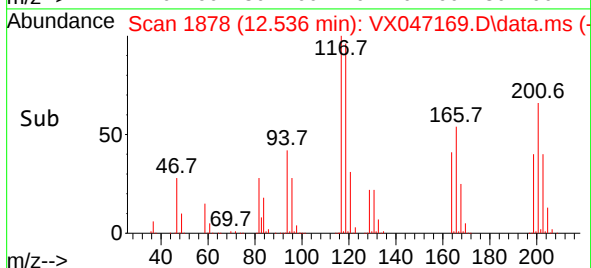
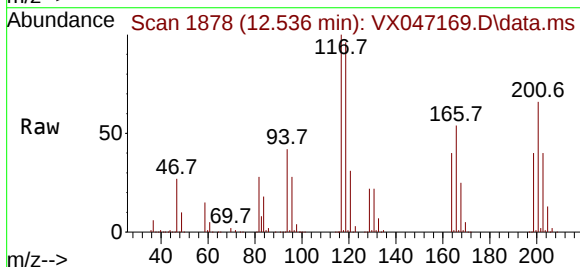
Manual Integrations
APPROVED

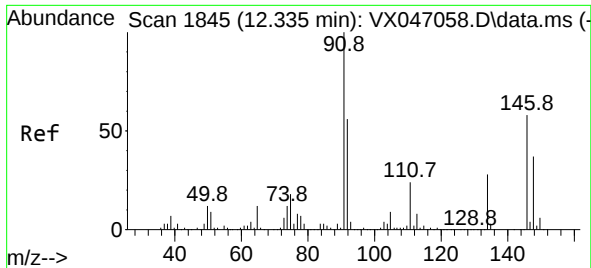
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#90
Hexachloroethane
Concen: 47.613 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

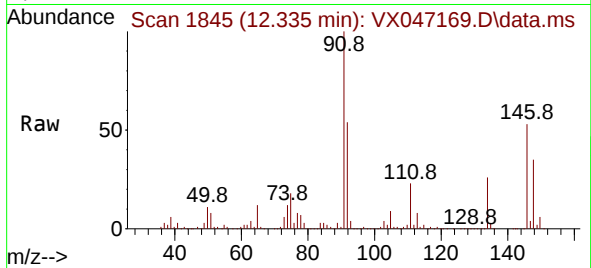
Tgt Ion:117 Resp: 121584
Ion Ratio Lower Upper
117 100
201 69.5 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 46.089 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39

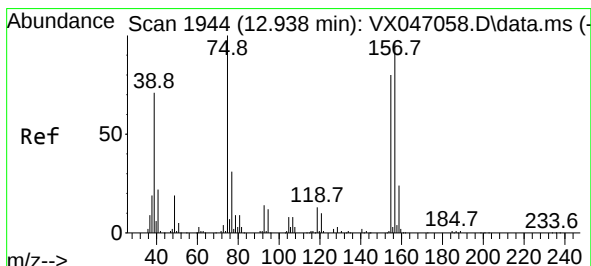
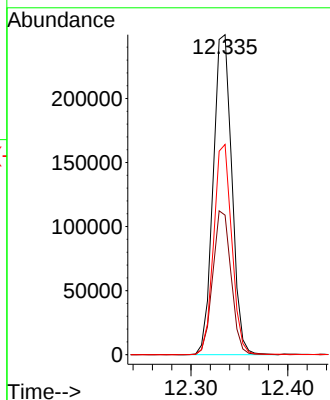
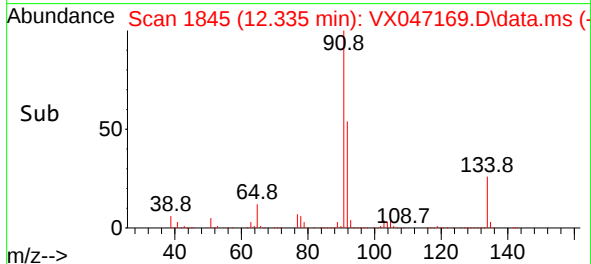
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



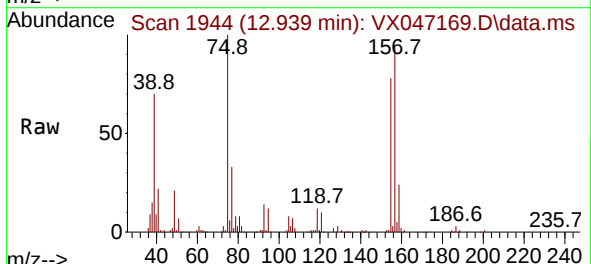
Tgt Ion:146 Resp: 333528
Ion Ratio Lower Upper
146 100
111 44.2 21.6 64.6
148 64.0 31.9 95.7

Manual Integrations
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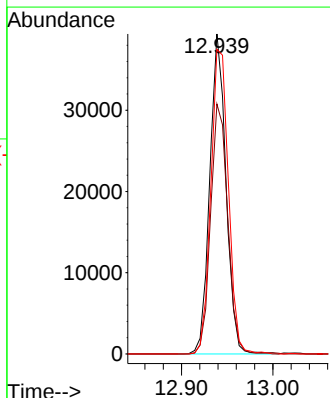
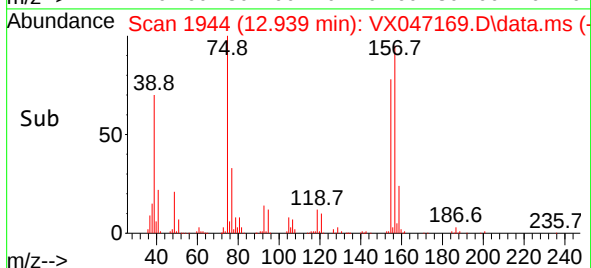
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.154 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047169.D
Acq: 28 Jul 2025 16:39



Tgt Ion: 75 Resp: 48420
Ion Ratio Lower Upper
75 100
155 82.2 41.3 124.1
157 103.3 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 47.831 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047169.D

Acq: 28 Jul 2025 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

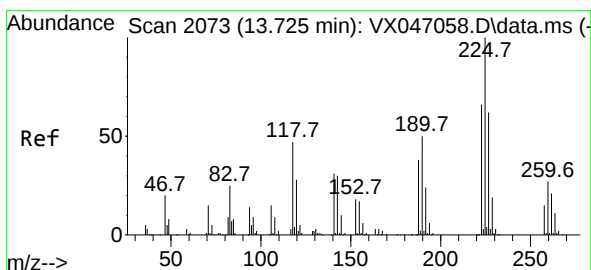
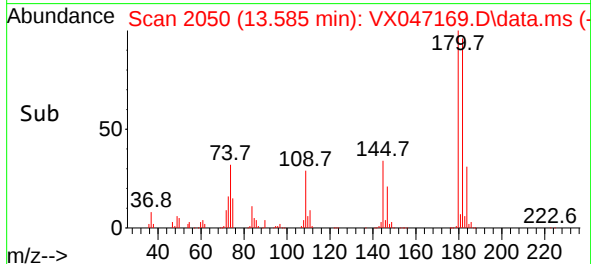
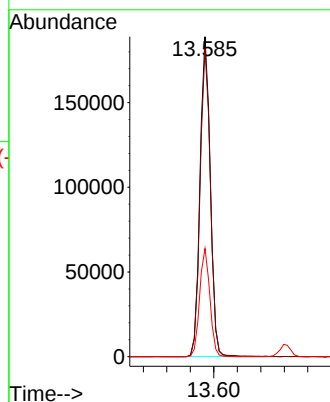
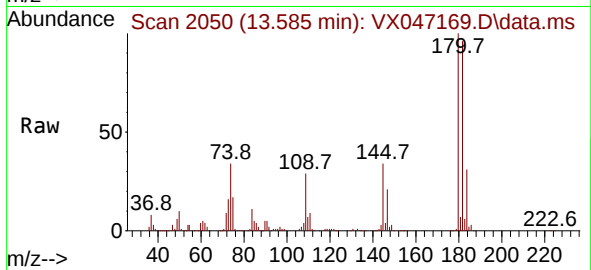
Tgt Ion:180 Resp: 22869
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.3 141.8
 145 33.6 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#94

Hexachlorobutadiene

Concen: 51.598 ug/l

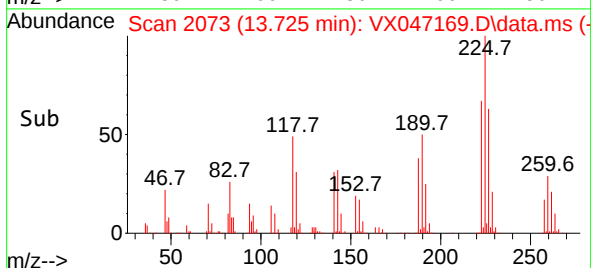
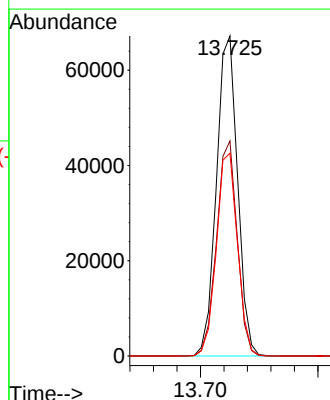
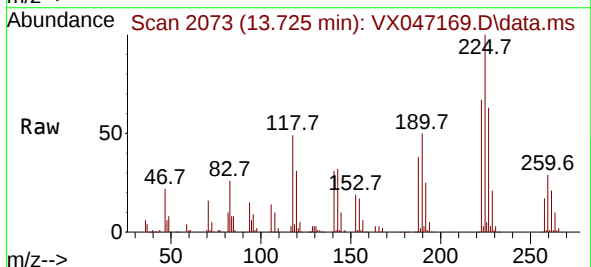
RT: 13.725 min Scan# 2073

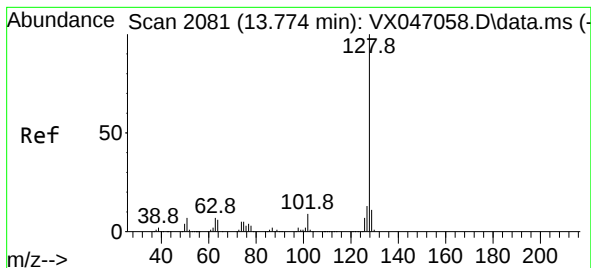
Delta R.T. 0.000 min

Lab File: VX047169.D

Acq: 28 Jul 2025 16:39

Tgt Ion:225 Resp: 83901
 Ion Ratio Lower Upper
 225 100
 223 65.6 31.6 95.0
 227 63.2 32.9 98.6





#95

Naphthalene

Concen: 51.293 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX047169.D

Acq: 28 Jul 2025 16:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

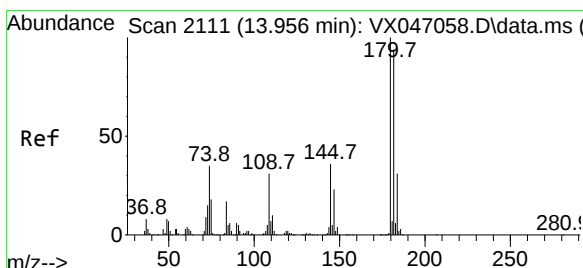
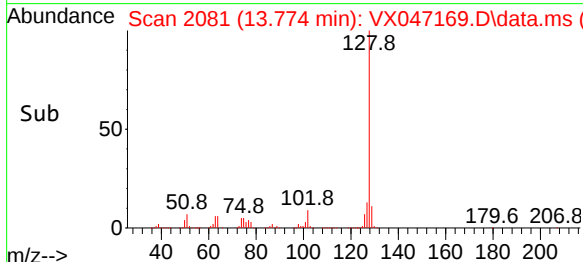
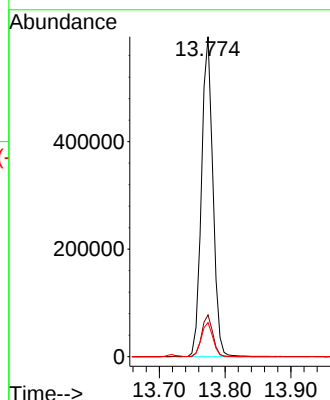
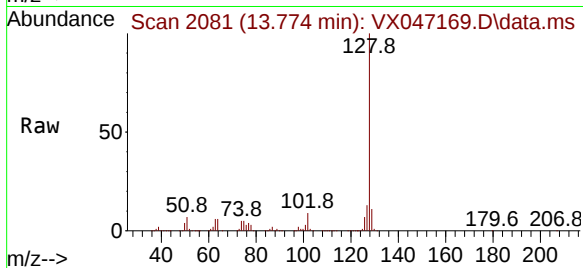
Tgt Ion:	128	Resp:	71895
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.1	15.1
129	10.8	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#96

1,2,3-Trichlorobenzene

Concen: 48.121 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX047169.D

Acq: 28 Jul 2025 16:39

Tgt Ion:	180	Resp:	221654
Ion Ratio	Lower	Upper	
180	100		
182	95.1	46.9	140.6
145	35.6	17.3	52.0

