

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072925\
 Data File : VX047171.D
 Acq On : 29 Jul 2025 09:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/30/2025
 Supervised By : Mahesh Dadoda 07/30/2025

Quant Time: Jul 30 01:11:35 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	5.550	168	275011	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	467706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	409333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	196546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163229	47.647	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.300%		
35) Dibromofluoromethane	5.391	113	140531	48.664	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.320%		
50) Toluene-d8	8.647	98	414572	44.330	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.660%#		
62) 4-Bromofluorobenzene	11.079	95	190341	47.229	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	176865	48.418	ug/l	99
3) Chloromethane	1.313	50	151677	41.977	ug/l	97
4) Vinyl Chloride	1.392	62	189238	48.720	ug/l	97
5) Bromomethane	1.630	94	102612	48.633	ug/l	92
6) Chloroethane	1.703	64	107344	42.078	ug/l	98
7) Trichlorofluoromethane	1.904	101	275024	47.485	ug/l	96
8) Diethyl Ether	2.142	74	100605	49.265	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.349	101	167405	47.975	ug/l	99
10) Methyl Iodide	2.465	142	239398	67.317	ug/l	97
11) Tert butyl alcohol	2.959	59	94916	236.455	ug/l	100
12) 1,1-Dichloroethene	2.337	96	160088	46.320	ug/l	95
13) Acrolein	2.245	56	182352	247.213	ug/l	98
14) Allyl chloride	2.678	41	283294	45.346	ug/l	95
15) Acrylonitrile	3.075	53	401324	245.632	ug/l	99
16) Acetone	2.386	43	354324	258.184	ug/l	98
17) Carbon Disulfide	2.526	76	434211	43.428	ug/l	99
18) Methyl Acetate	2.709	43	201332	55.204	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	544998	51.814	ug/l	99
20) Methylene Chloride	2.800	84	178228	47.206	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	165667	46.843	ug/l	96
22) Diisopropyl ether	3.763	45	607590	50.585	ug/l	99
23) Vinyl Acetate	3.727	43	2525364	262.136	ug/l	99
24) 1,1-Dichloroethane	3.617	63	320843	48.037	ug/l	99
25) 2-Butanone	4.556	43	492135	246.278	ug/l	100
26) 2,2-Dichloropropane	4.483	77	256462	49.603	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	204675	48.872	ug/l	98
28) Bromochloromethane	4.903	49	152074	49.490	ug/l	98
29) Tetrahydrofuran	5.013	42	304588	236.239	ug/l	99
30) Chloroform	5.099	83	324375	47.710	ug/l	99
31) Cyclohexane	5.477	56	286103	44.674	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	282472	47.833	ug/l	99
36) 1,1-Dichloropropene	5.696	75	218771	44.443	ug/l	99
37) Ethyl Acetate	4.714	43	228135	50.296	ug/l	97
38) Carbon Tetrachloride	5.678	117	243861	46.416	ug/l	96
39) Methylcyclohexane	7.379	83	282772	46.010	ug/l	97
40) Benzene	6.043	78	671002	47.102	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Manual Integrations
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Reviewed By : John Carlone 07/30/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	114538	48.295	ug/l	96
42) 1,2-Dichloroethane	6.086	62	245738	48.970	ug/l	99
43) Isopropyl Acetate	6.336	43	367588	51.984	ug/l	99
44) Trichloroethene	7.123	130	167565	45.870	ug/l	95
45) 1,2-Dichloropropane	7.427	63	173164	48.534	ug/l	96
46) Dibromomethane	7.580	93	123575	49.390	ug/l	100
47) Bromodichloromethane	7.818	83	260852	48.981	ug/l	98
48) Methyl methacrylate	7.690	41	187575	48.693	ug/l	100
49) 1,4-Dioxane	7.720	88	44564	1017.134	ug/l #	73
51) 4-Methyl-2-Pentanone	8.574	43	1039116	247.230	ug/l	99
52) Toluene	8.714	92	417165	47.625	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	253608	50.429	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	271515	49.329	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	159813	48.650	ug/l	98
56) Ethyl methacrylate	9.116	69	255276	52.492	ug/l	99
57) 1,3-Dichloropropane	9.305	76	275134	48.192	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	704651	260.386	ug/l	100
59) 2-Hexanone	9.427	43	710768	255.960	ug/l	100
60) Dibromochloromethane	9.518	129	197724	51.321	ug/l	99
61) 1,2-Dibromoethane	9.610	107	166084	48.352	ug/l	99
64) Tetrachloroethene	9.269	164	135742	46.001	ug/l	95
65) Chlorobenzene	10.079	112	455135	47.463	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	159008	49.251	ug/l	99
67) Ethyl Benzene	10.189	91	803787	47.940	ug/l	99
68) m/p-Xylenes	10.299	106	601140	95.809	ug/l	100
69) o-Xylene	10.640	106	288338	48.306	ug/l	99
70) Styrene	10.652	104	501623	49.009	ug/l	100
71) Bromoform	10.799	173	127447	51.967	ug/l #	99
73) Isopropylbenzene	10.957	105	762212	49.155	ug/l	100
74) N-amyl acetate	10.841	43	316483	50.585	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	223504	50.460	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	185393m	50.961	ug/l	
77) Bromobenzene	11.195	156	181119	48.698	ug/l	98
78) n-propylbenzene	11.299	91	911525	49.192	ug/l	100
79) 2-Chlorotoluene	11.360	91	538620	48.627	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	630518	49.219	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.012	75	57608	40.798	ug/l	98
82) 4-Chlorotoluene	11.451	91	634420	49.071	ug/l	99
83) tert-Butylbenzene	11.713	119	642761	49.990	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	628772	49.209	ug/l	100
85) sec-Butylbenzene	11.890	105	796815	49.598	ug/l	99
86) p-Isopropyltoluene	12.006	119	661637	49.663	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	342718	48.497	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	338515	47.281	ug/l	99
89) n-Butylbenzene	12.329	91	628167	50.278	ug/l	99
90) Hexachloroethane	12.536	117	120168	50.420	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	328884	48.694	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	44276	52.076	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	218689	49.006	ug/l	98
94) Hexachlorobutadiene	13.719	225	77137	50.827	ug/l	98
95) Naphthalene	13.774	128	674191	51.536	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	210219	48.899	ug/l	100

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MSVOA_X
ClientSampleId :
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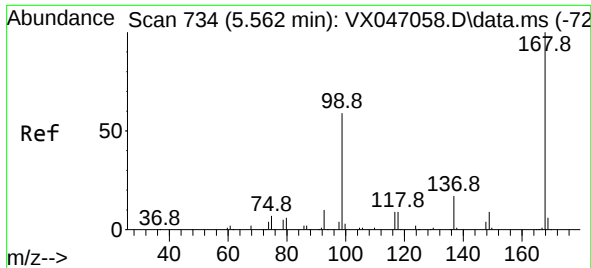
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/30/2025

Quant Time: Jul 30 01:11:35 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



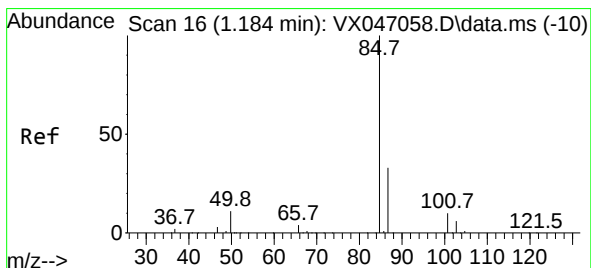
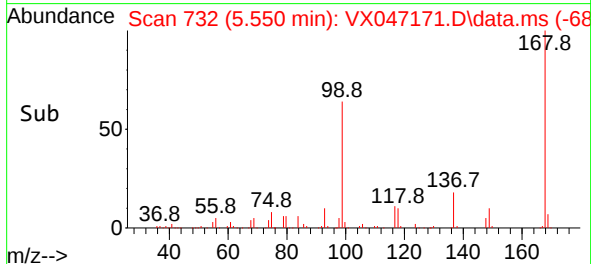
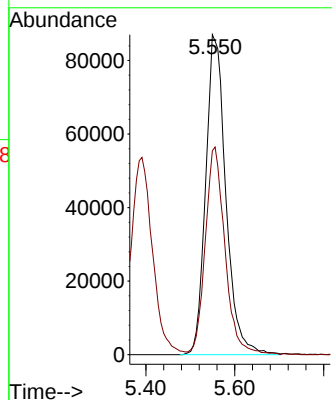
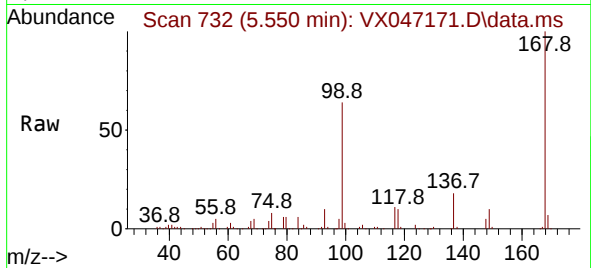
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 27501
Ion Ratio Lower Upper
168 100
99 63.7 48.0 72.0

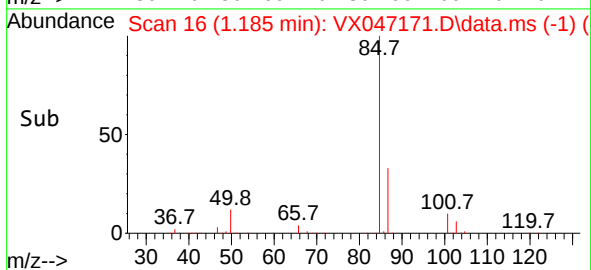
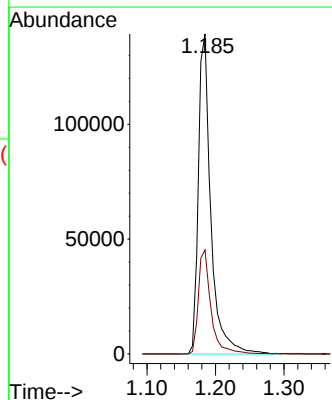
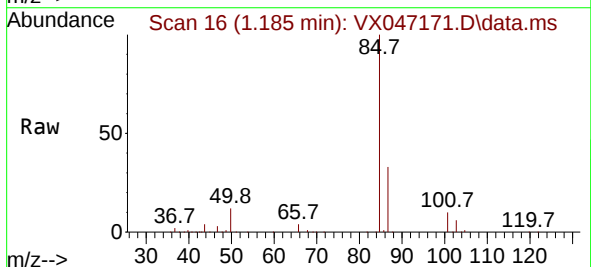
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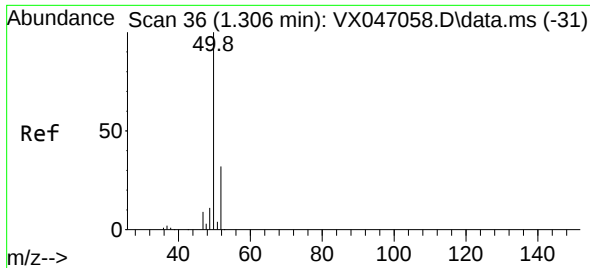
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#2
Dichlorodifluoromethane
Concen: 48.418 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

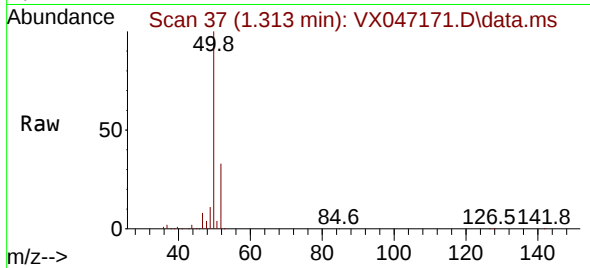
Tgt Ion: 85 Resp: 176865
Ion Ratio Lower Upper
85 100
87 32.5 16.6 49.8





#3
Chloromethane
Concen: 41.977 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

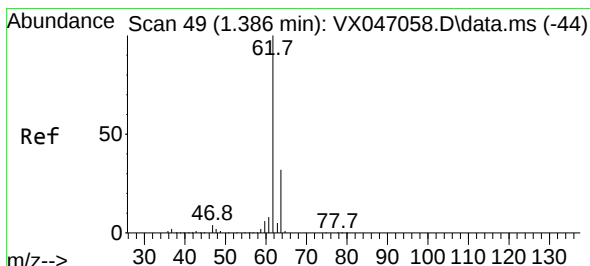
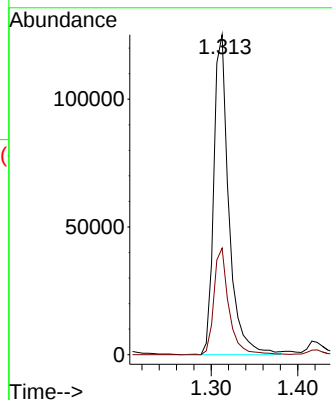
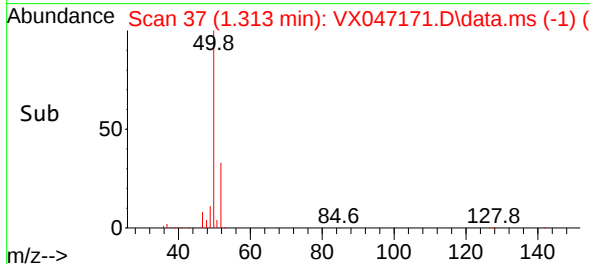
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 15167
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.2

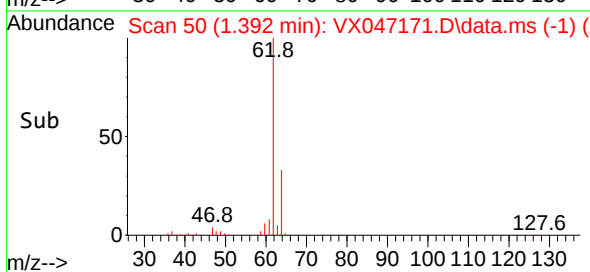
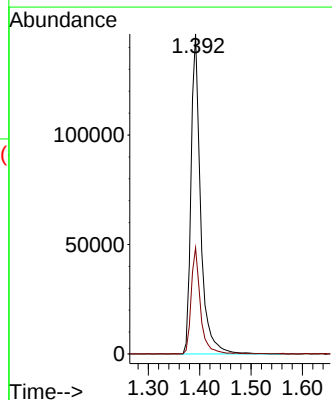
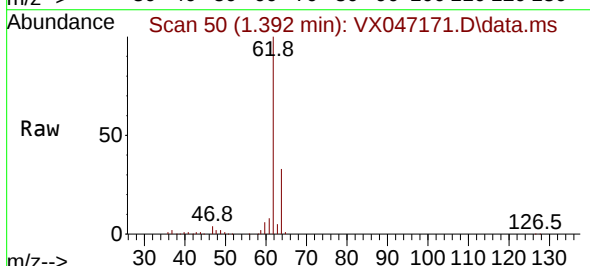
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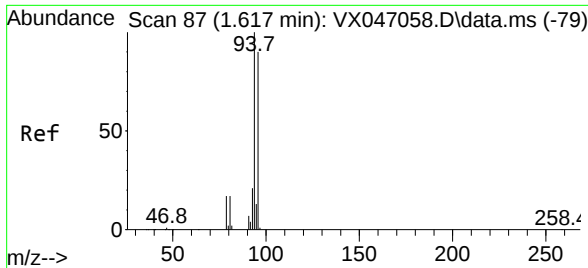
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#4
Vinyl Chloride
Concen: 48.720 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

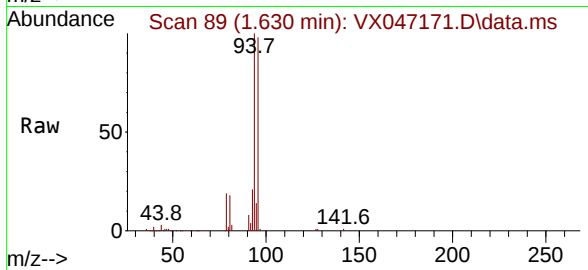
Tgt Ion: 62 Resp: 189238
Ion Ratio Lower Upper
62 100
64 33.0 25.2 37.8





#5
Bromomethane
Concen: 48.633 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.012 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

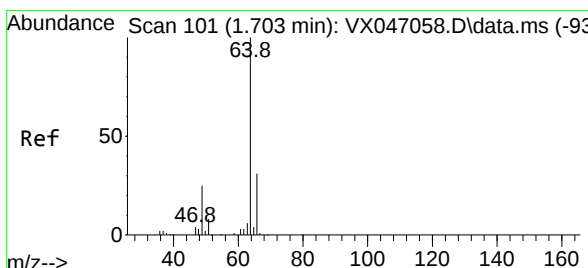
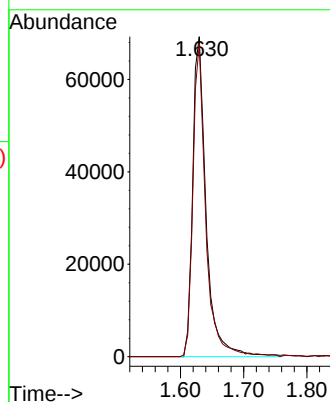
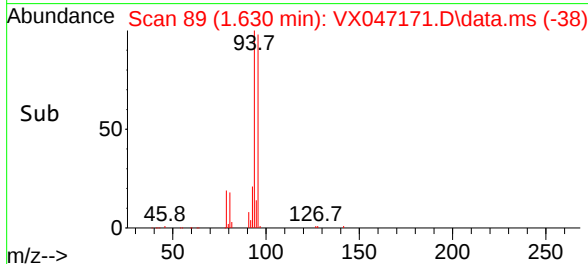
Instrument :
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Tgt Ion: 94 Resp: 102612
Ion Ratio Lower Upper
94 100
96 97.8 72.3 108.5

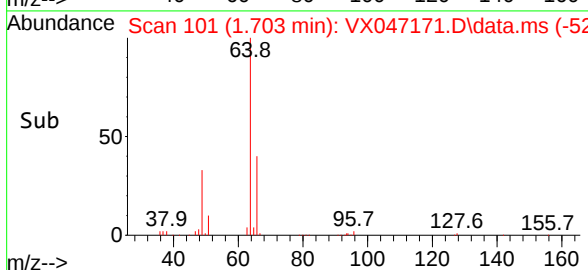
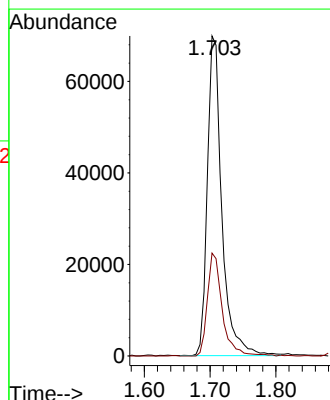
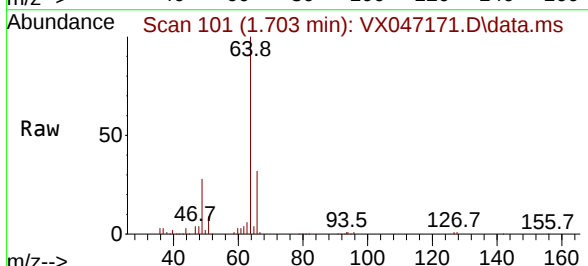
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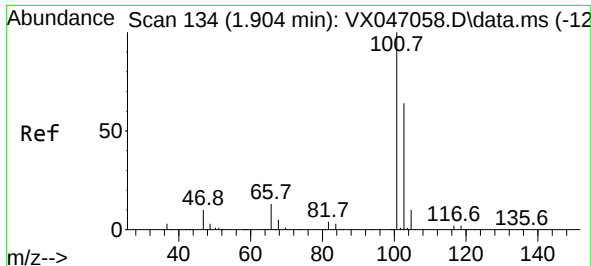
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#6
Chloroethane
Concen: 42.078 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047171.D
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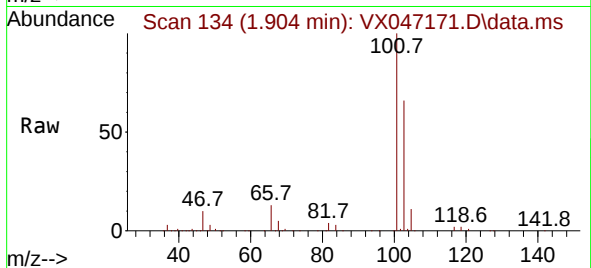
Tgt Ion: 64 Resp: 107344
Ion Ratio Lower Upper
64 100
66 32.2 25.0 37.6





#7
Trichlorofluoromethane
Concen: 47.485 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

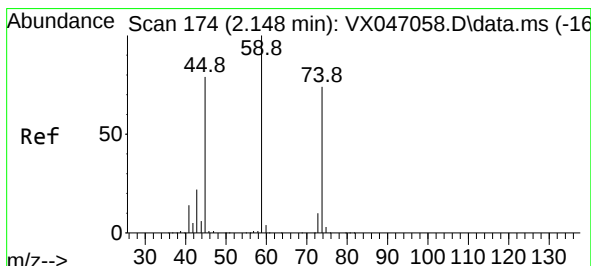
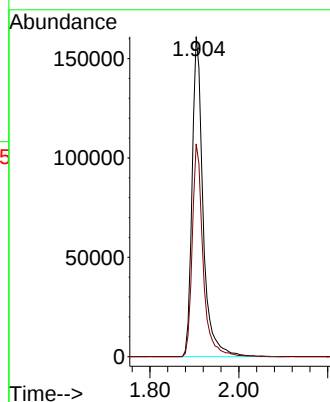
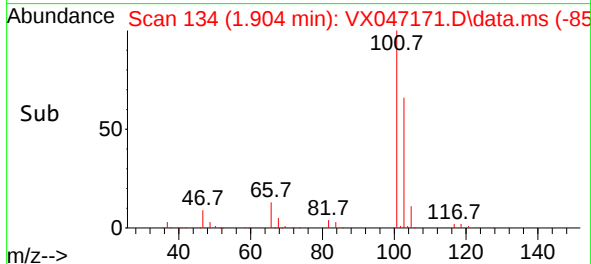
Instrument :
MSVOA_X
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VSTDCCC050



Tgt Ion:101 Resp: 275024
Ion Ratio Lower Upper
101 100
103 66.5 50.9 76.3

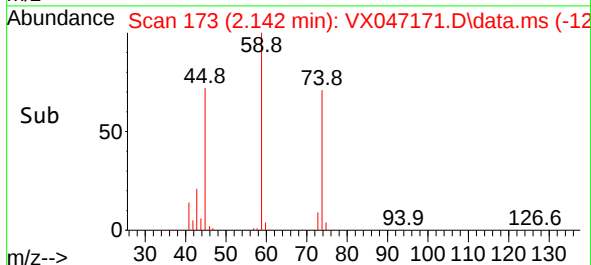
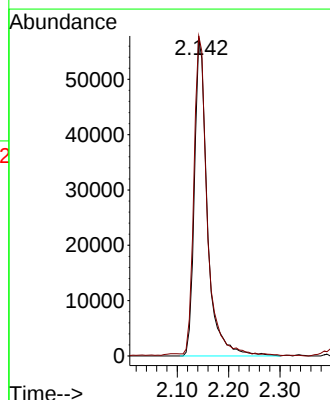
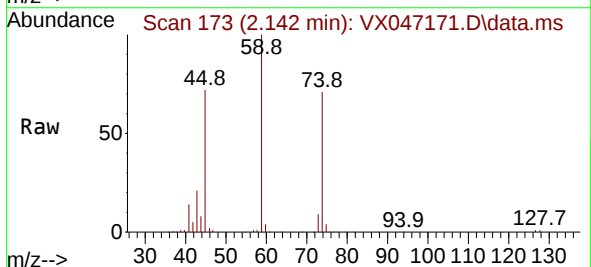
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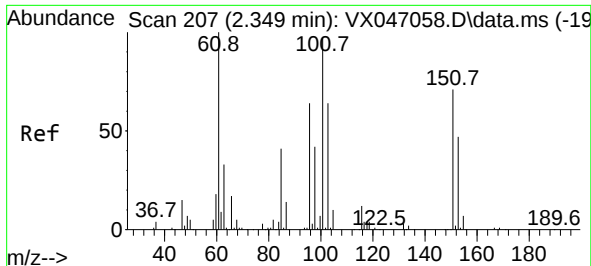
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#8
Diethyl Ether
Concen: 49.265 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX047171.D
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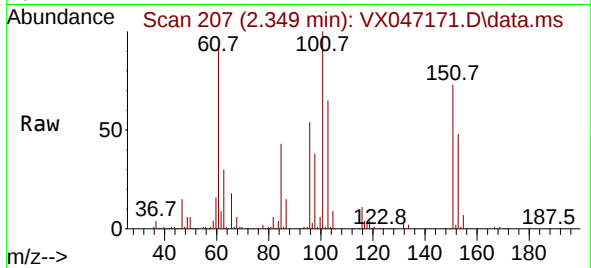
Tgt Ion: 74 Resp: 100605
Ion Ratio Lower Upper
74 100
45 101.7 53.0 159.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.975 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047171.D
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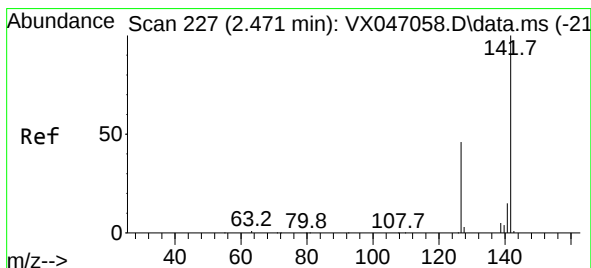
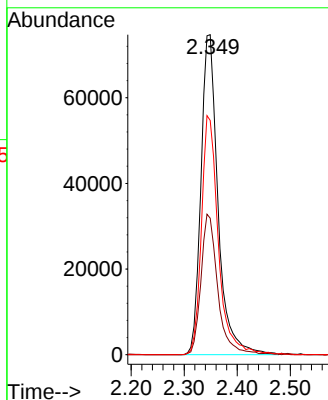
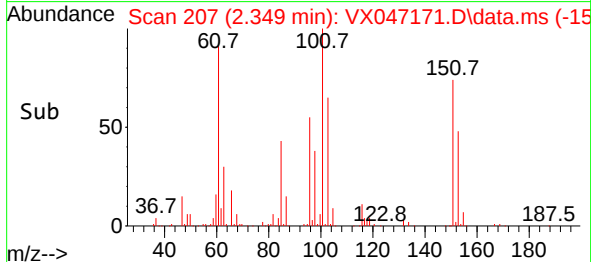
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 167405
Ion Ratio Lower Upper
101 100
85 43.1 35.4 53.0
151 74.0 59.2 88.8

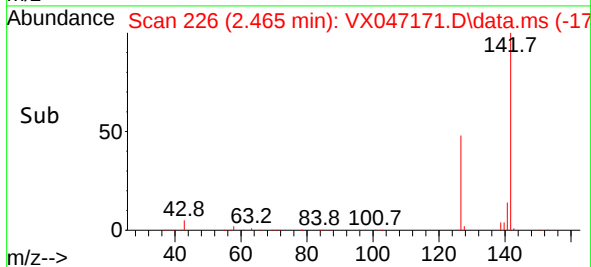
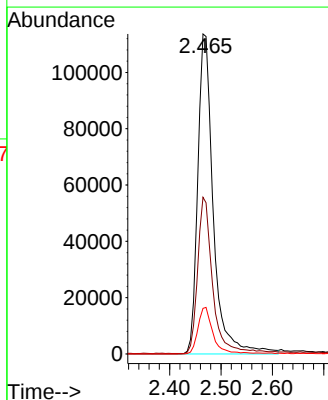
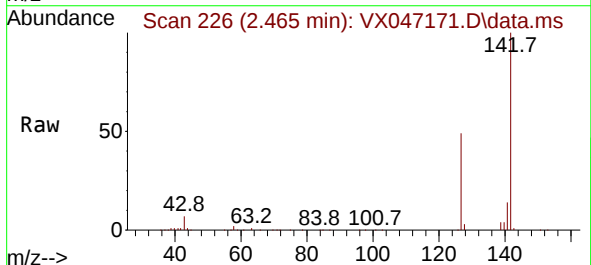
Manual Integrations
APPROVED

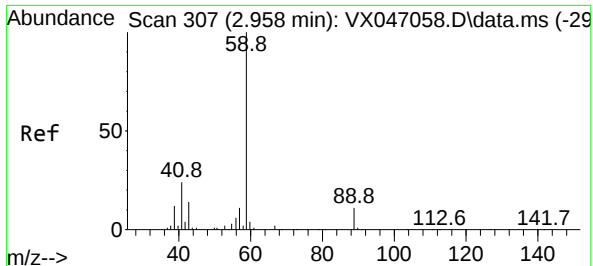
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#10
Methyl Iodide
Concen: 67.317 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

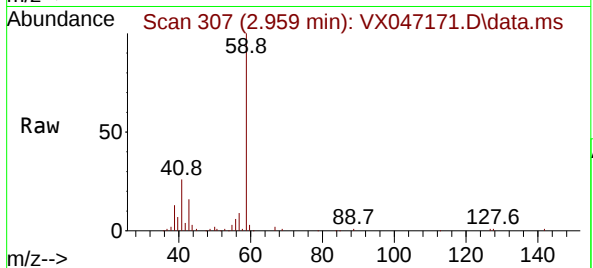
Tgt Ion:142 Resp: 239398
Ion Ratio Lower Upper
142 100
127 47.7 36.6 54.8
141 14.0 10.9 16.3





#11
Tert butyl alcohol
Concen: 236.455 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

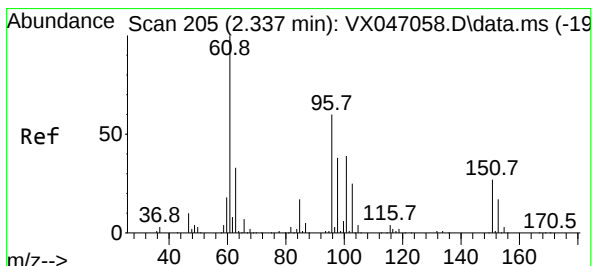
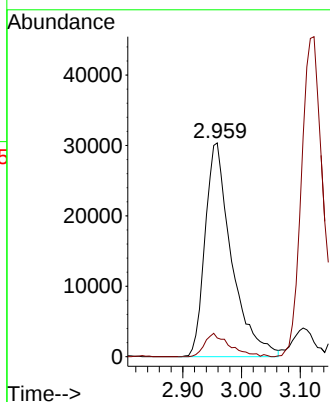
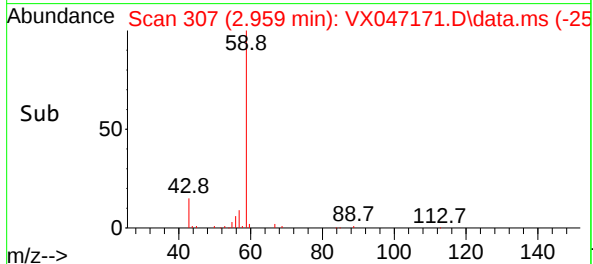
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



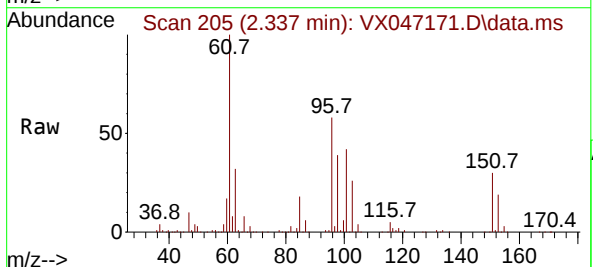
Tgt Ion: 59 Resp: 94910
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

Manual Integrations
APPROVED

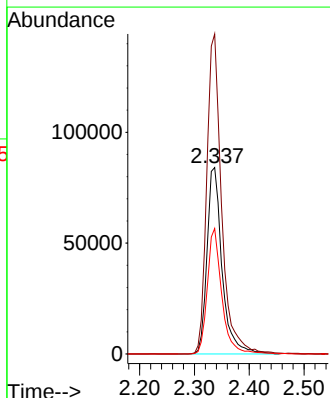
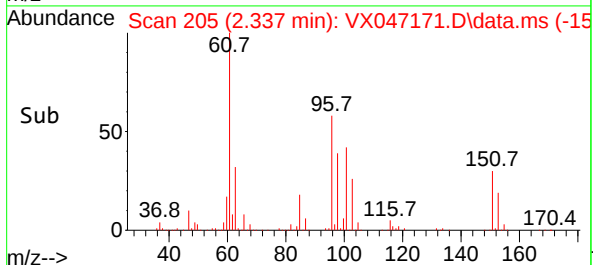
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

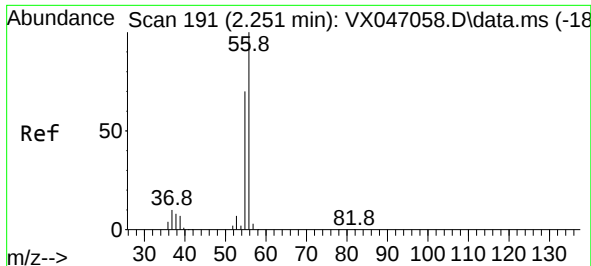


#12
1,1-Dichloroethene
Concen: 46.320 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51



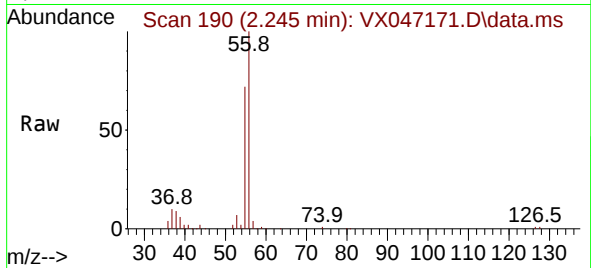
Tgt Ion: 96 Resp: 160088
Ion Ratio Lower Upper
96 100
61 171.6 132.6 198.8
98 67.3 50.2 75.4





#13
Acrolein
Concen: 247.213 ug/l
RT: 2.245 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

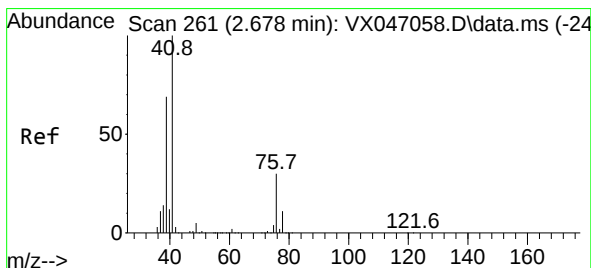
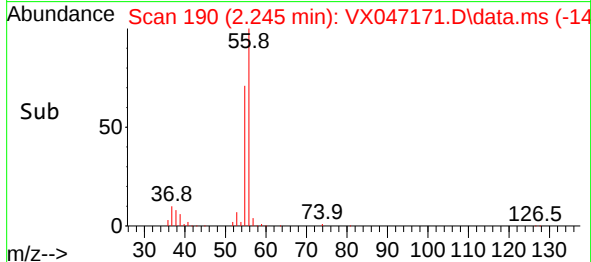
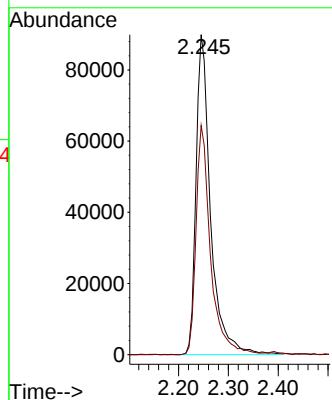
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 182352
Ion Ratio Lower Upper
56 100
55 71.3 55.7 83.5

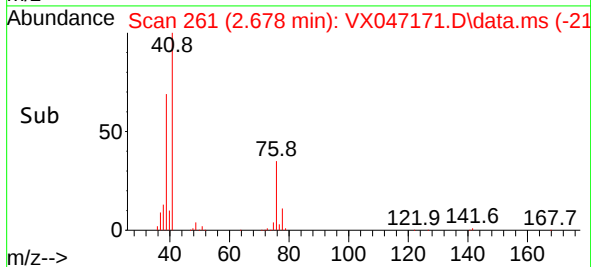
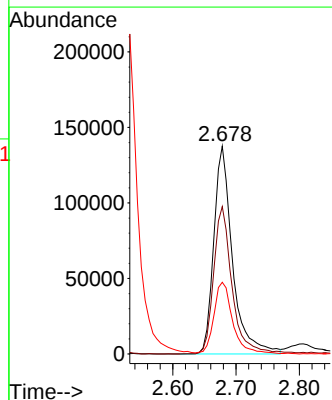
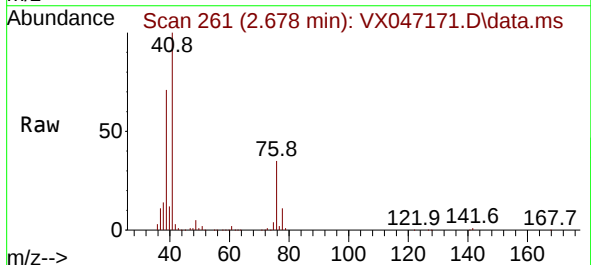
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#14
Allyl chloride
Concen: 45.346 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

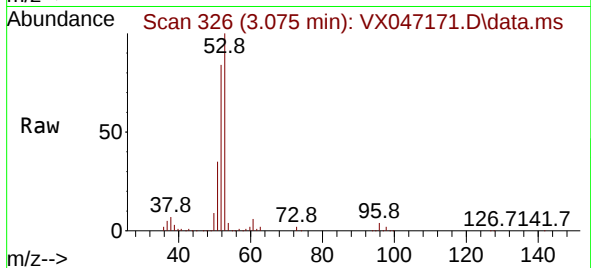
Tgt Ion: 41 Resp: 283294
Ion Ratio Lower Upper
41 100
39 70.1 52.6 78.8
76 34.0 25.7 38.5





#15
Acrylonitrile
Concen: 245.632 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

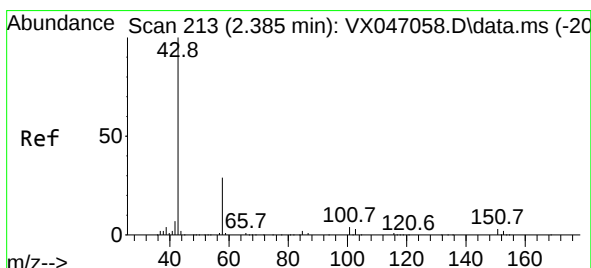
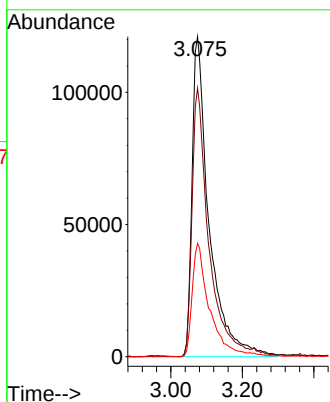
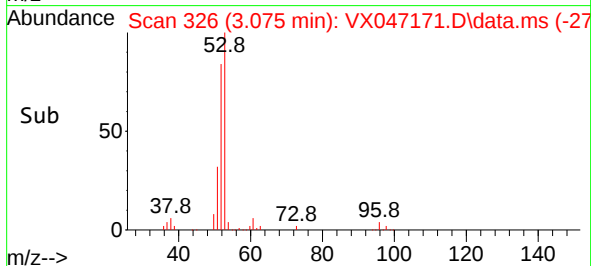
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



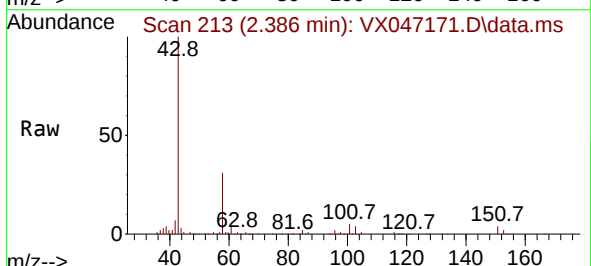
Tgt Ion: 53 Resp: 401324
Ion Ratio Lower Upper
53 100
52 83.3 65.7 98.5
51 36.0 28.8 43.2

Manual Integrations
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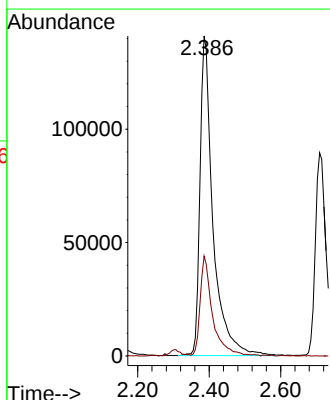
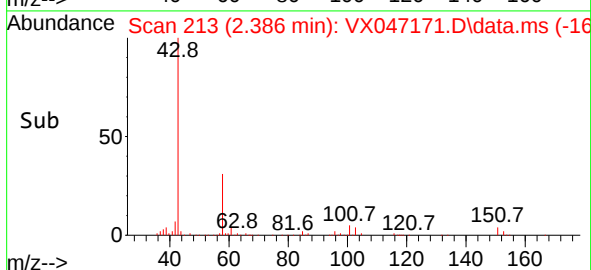
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

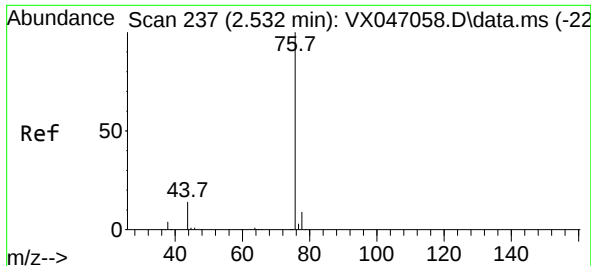


#16
Acetone
Concen: 258.184 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51



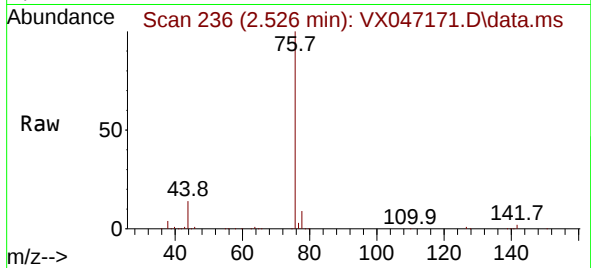
Tgt Ion: 43 Resp: 354324
Ion Ratio Lower Upper
43 100
58 31.2 24.0 36.0





#17
Carbon Disulfide
Concen: 43.428 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

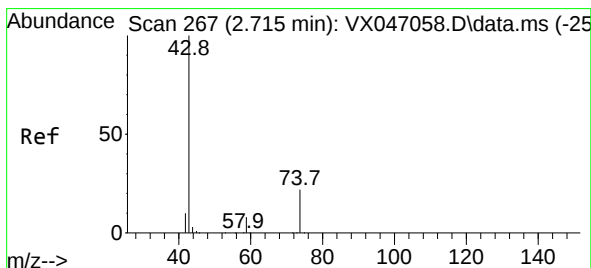
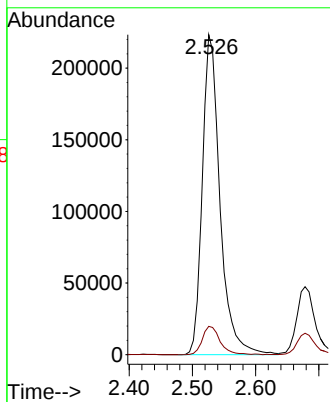
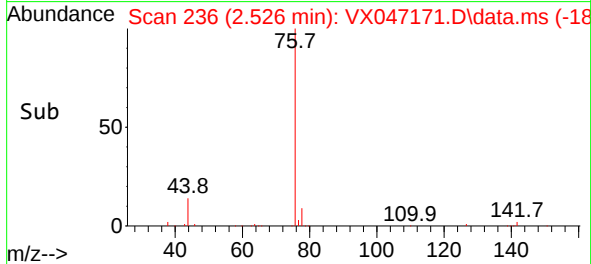
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 43421
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

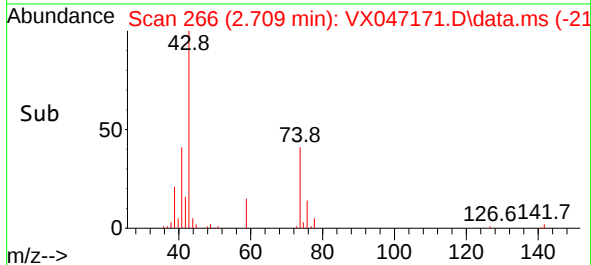
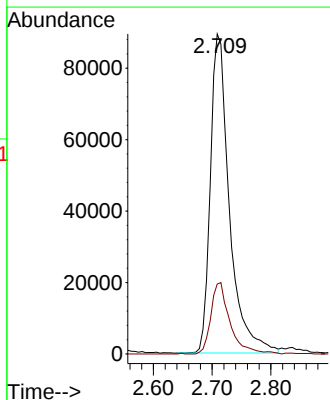
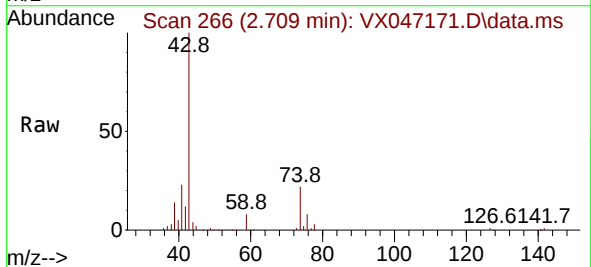
Manual Integrations
APPROVED

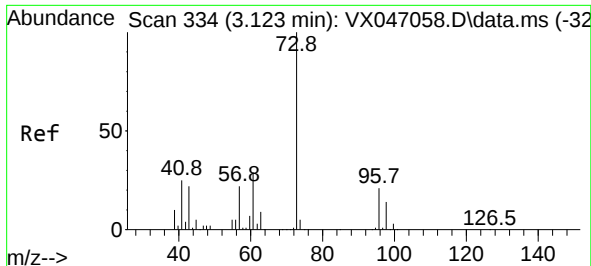
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#18
Methyl Acetate
Concen: 55.204 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

Tgt Ion: 43 Resp: 201332
Ion Ratio Lower Upper
43 100
74 22.4 17.7 26.5





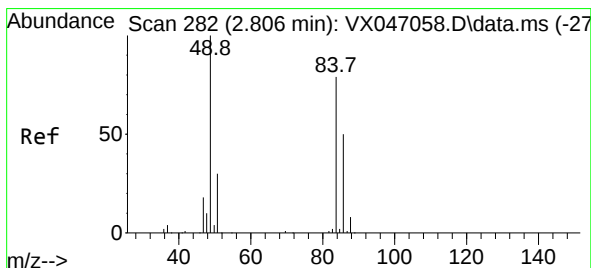
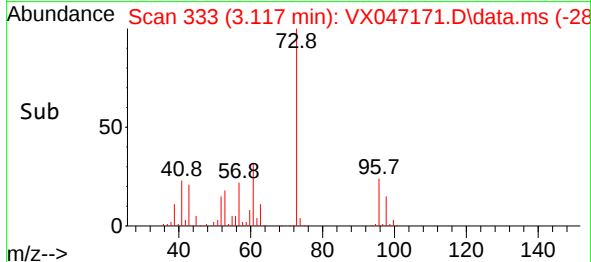
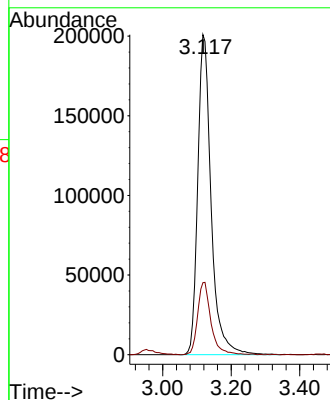
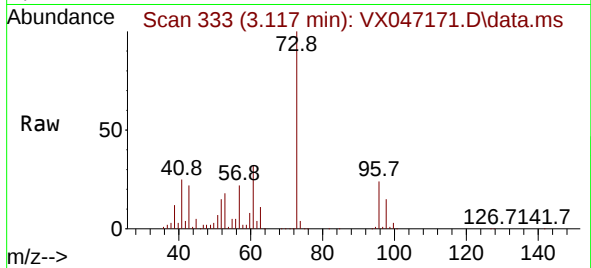
#19
Methyl tert-butyl Ether
Concen: 51.814 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 544998
Ion Ratio Lower Upper
73 100
57 22.5 17.7 26.5

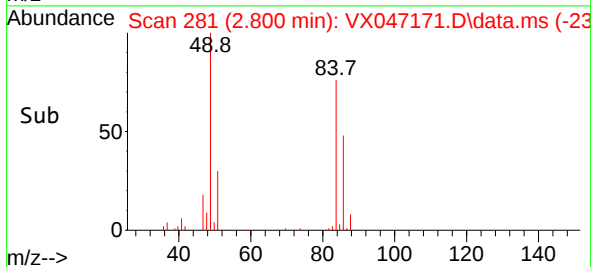
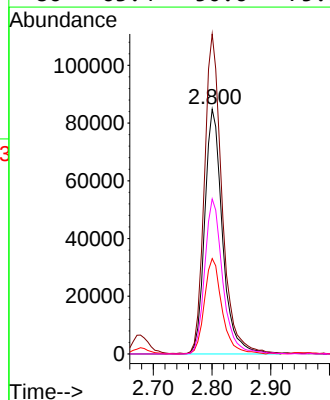
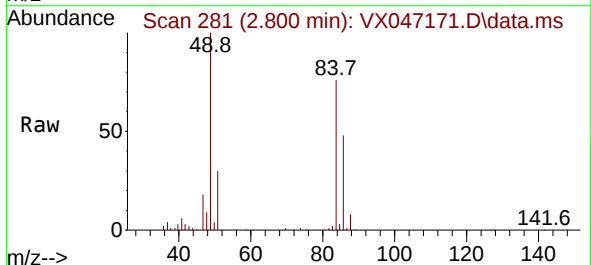
Manual Integrations
APPROVED

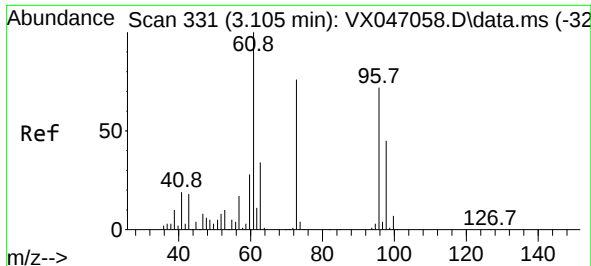
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#20
Methylene Chloride
Concen: 47.206 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

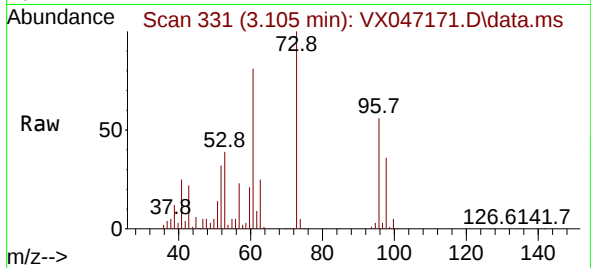
Tgt Ion: 84 Resp: 178228
Ion Ratio Lower Upper
84 100
49 130.4 101.6 152.4
51 39.0 30.3 45.5
86 63.4 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 46.843 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

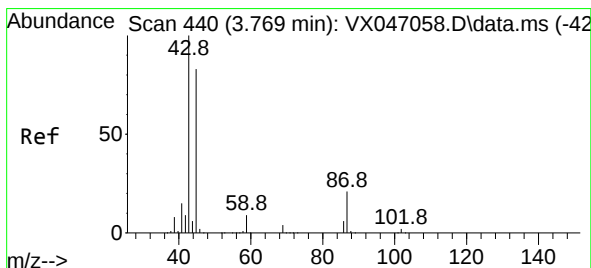
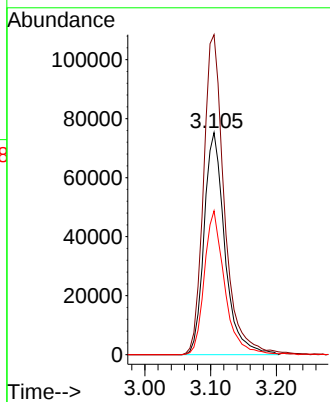
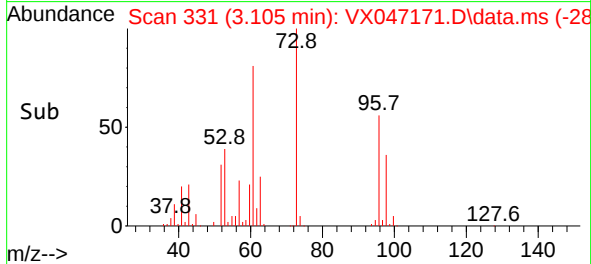
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 16566
Ion Ratio Lower Upper
96 100
61 144.1 111.1 166.7
98 64.8 49.6 74.4

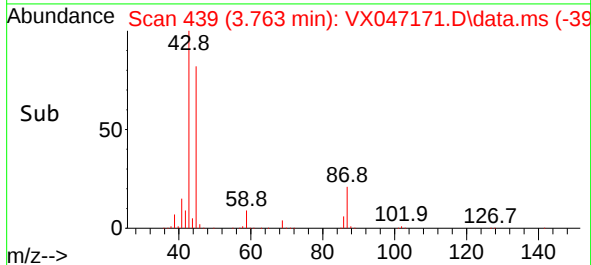
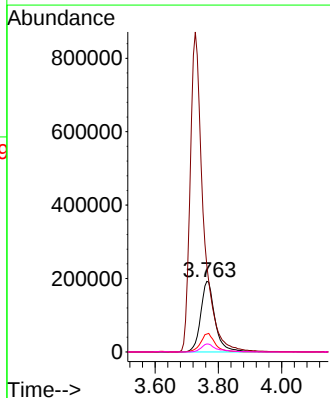
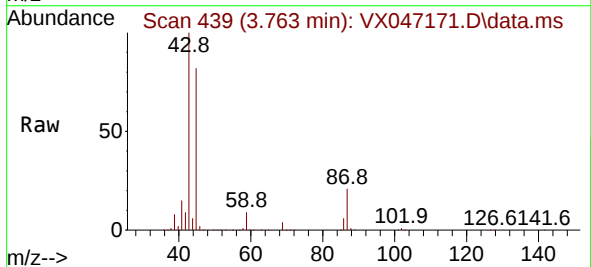
Manual Integrations
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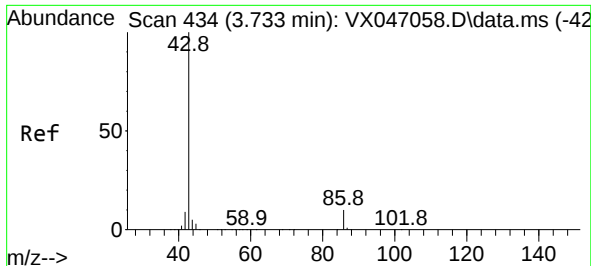
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#22
Diisopropyl ether
Concen: 50.585 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

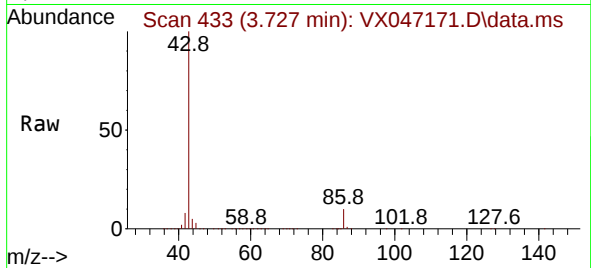
Tgt Ion: 45 Resp: 607590
Ion Ratio Lower Upper
45 100
43 122.2 96.8 145.2
87 25.3 20.5 30.7
59 11.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 262.136 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047171.D
 Acq: 29 Jul 2025 09:51

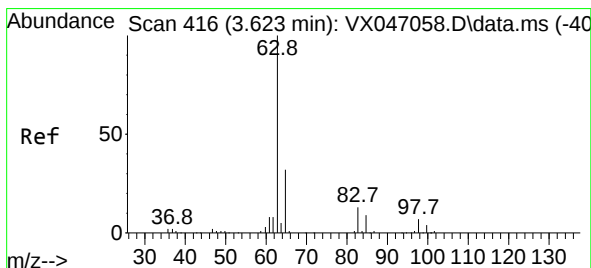
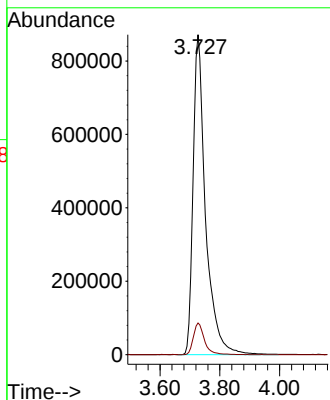
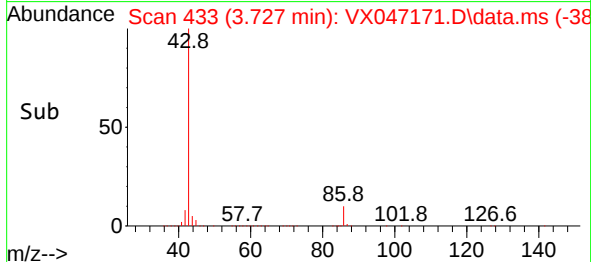
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 252536
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.1 12.1

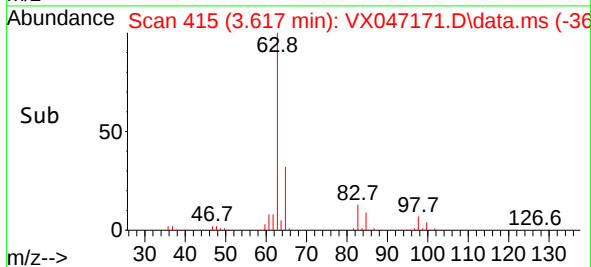
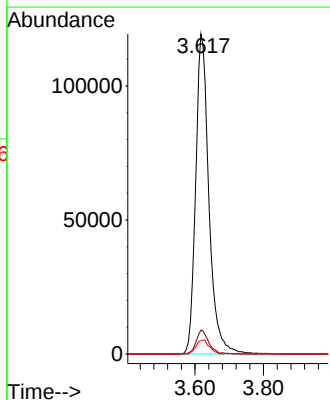
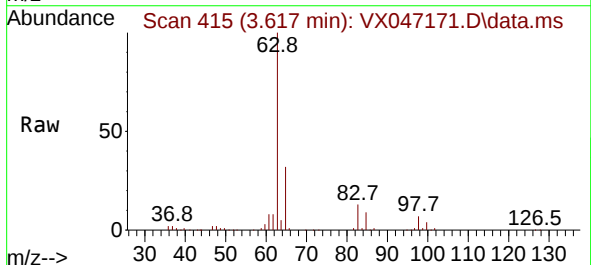
Manual Integrations
 APPROVED

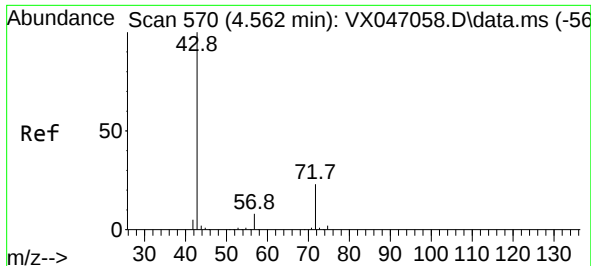
Reviewed By :John Carlone 07/30/2025
 Supervised By :Mahesh Dadoda 07/30/2025



#24
 1,1-Dichloroethane
 Concen: 48.037 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047171.D
 Acq: 29 Jul 2025 09:51

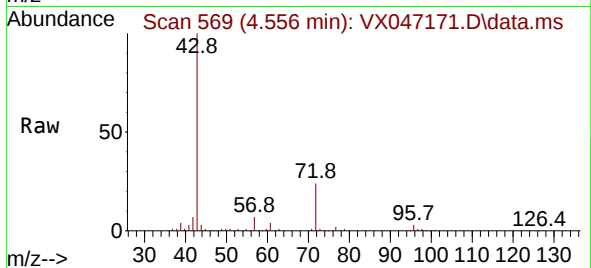
Tgt Ion: 63 Resp: 320843
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 4.1 2.3 6.8





#25
2-Butanone
Concen: 246.278 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

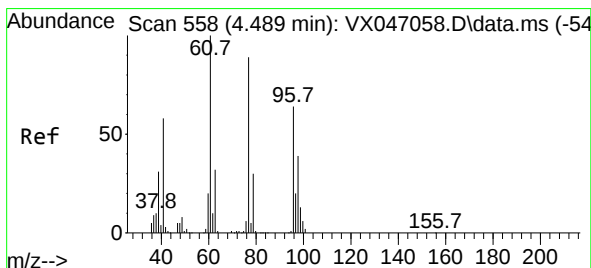
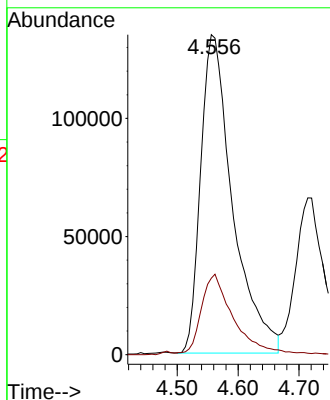
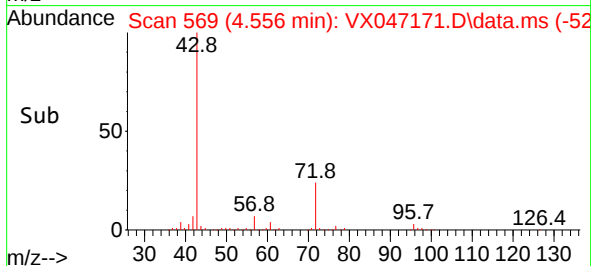
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 49213
Ion Ratio Lower Upper
43 100
72 23.4 18.8 28.2

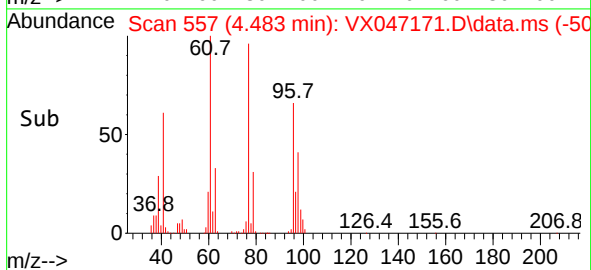
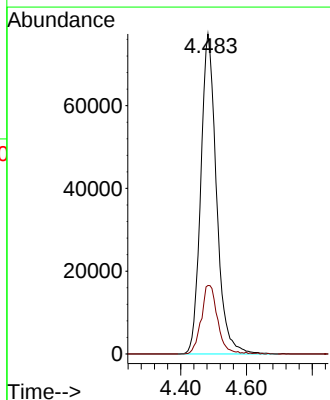
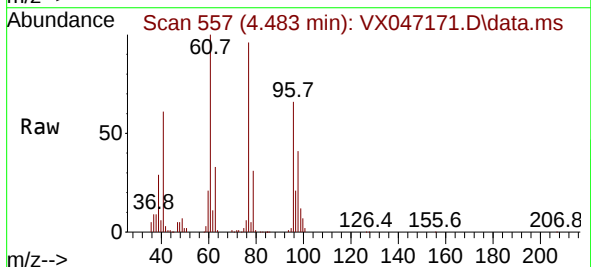
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#26
2,2-Dichloropropane
Concen: 49.603 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

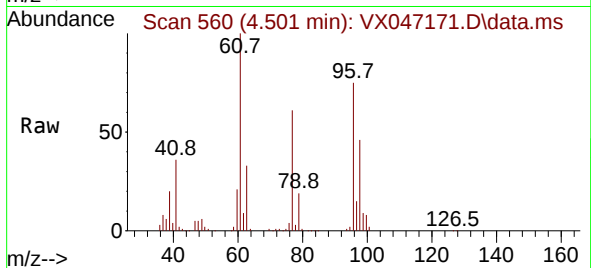
Tgt Ion: 77 Resp: 256462
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 48.872 ug/l
 RT: 4.501 min Scan# 560
 Delta R.T. 0.000 min
 Lab File: VX047171.D
 Acq: 29 Jul 2025 09:51

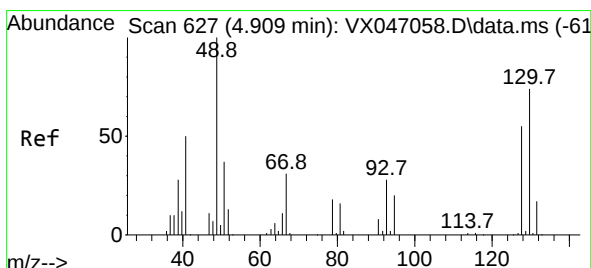
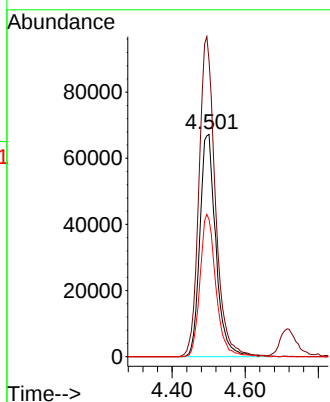
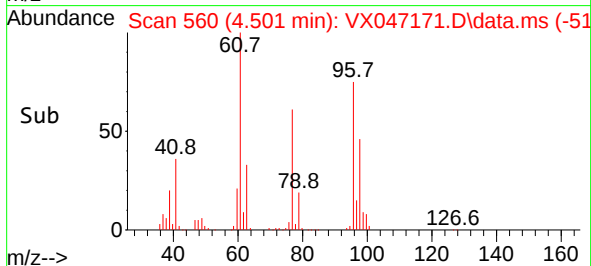
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 204679
 Ion Ratio Lower Upper
 96 100
 61 147.2 0.0 298.6
 98 63.3 0.0 128.8

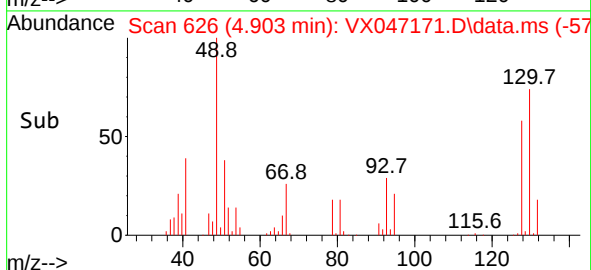
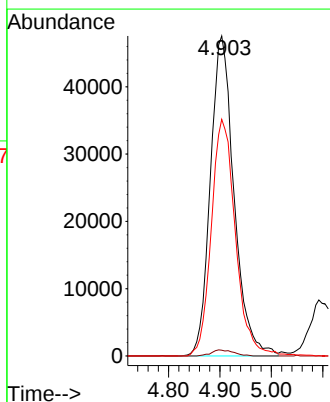
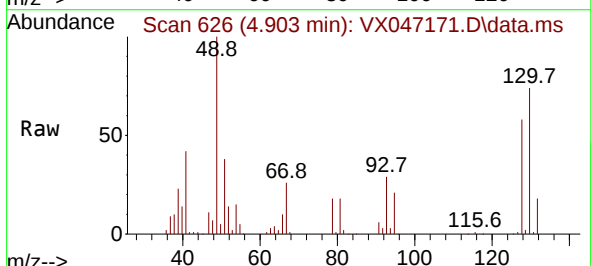
Manual Integrations
 APPROVED

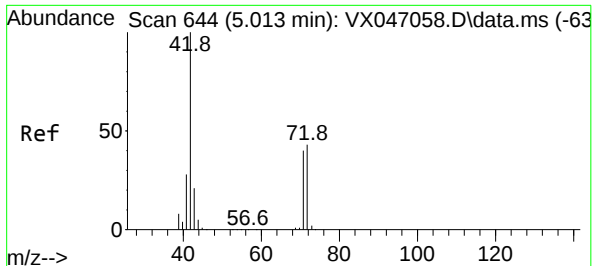
Reviewed By :John Carlone 07/30/2025
 Supervised By :Mahesh Dadoda 07/30/2025



#28
 Bromochloromethane
 Concen: 49.490 ug/l
 RT: 4.903 min Scan# 626
 Delta R.T. -0.006 min
 Lab File: VX047171.D
 Acq: 29 Jul 2025 09:51

Tgt Ion: 49 Resp: 152074
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 75.6 59.0 88.4





#29

Tetrahydrofuran

Concen: 236.239 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX047171.D

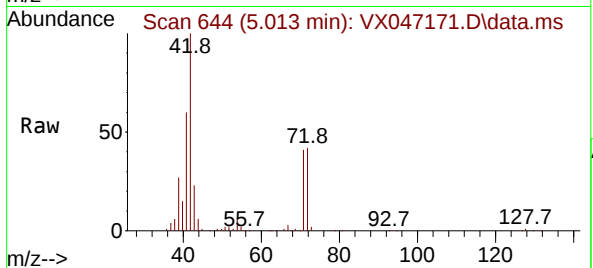
Acq: 29 Jul 2025 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 304588

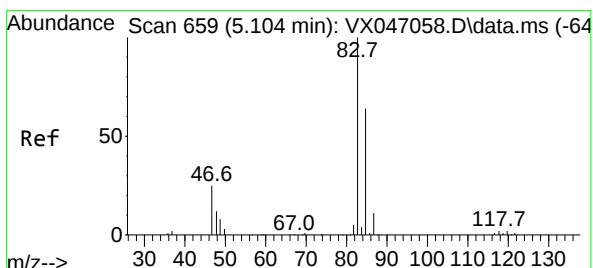
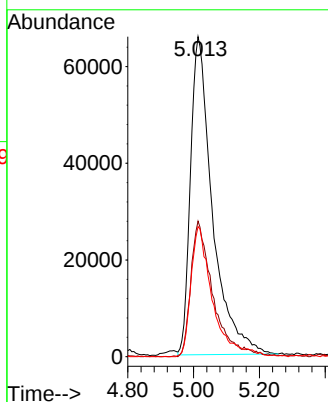
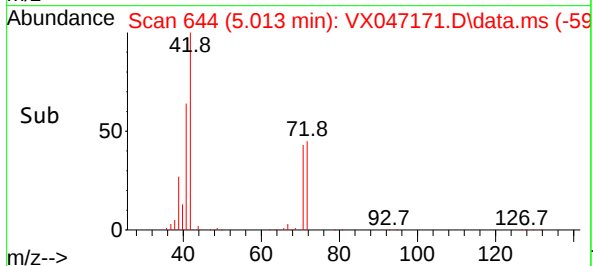
Ion	Ratio	Lower	Upper
42	100		
72	41.5	33.7	50.5
71	38.8	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#30

Chloroform

Concen: 47.710 ug/l

RT: 5.099 min Scan# 658

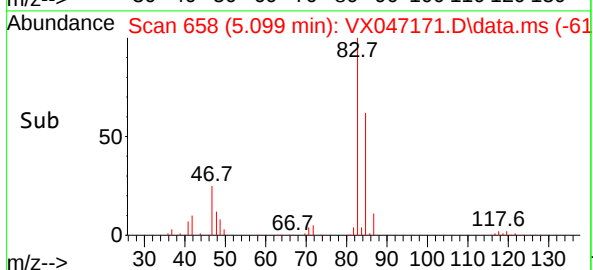
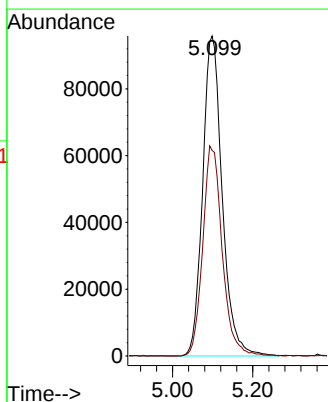
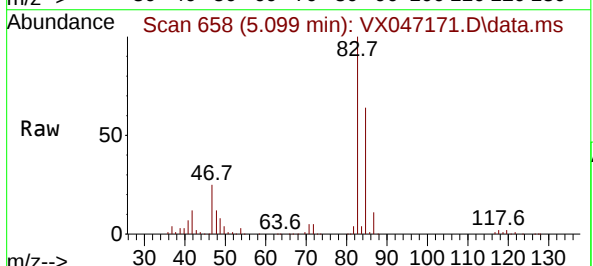
Delta R.T. -0.006 min

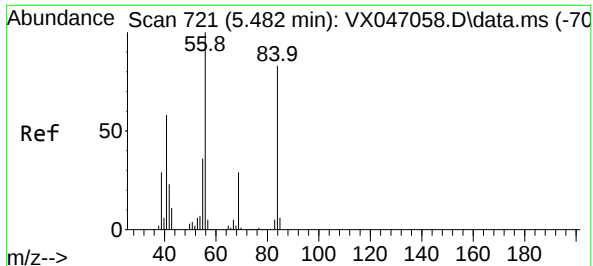
Lab File: VX047171.D

Acq: 29 Jul 2025 09:51

Tgt Ion: 83 Resp: 324375

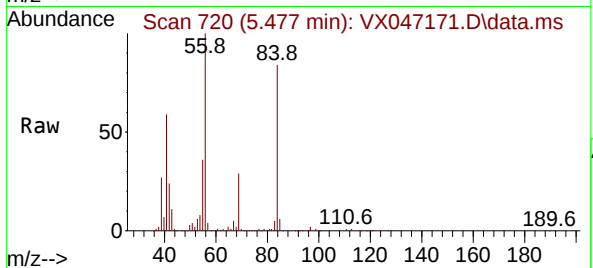
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.9	76.3





#31
Cyclohexane
Concen: 44.674 ug/l
RT: 5.477 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

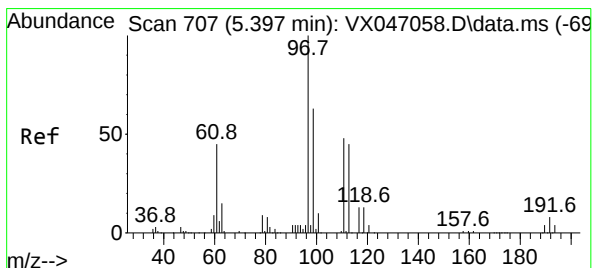
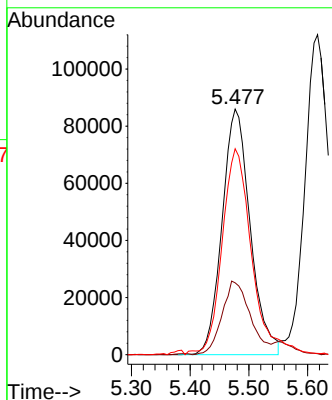
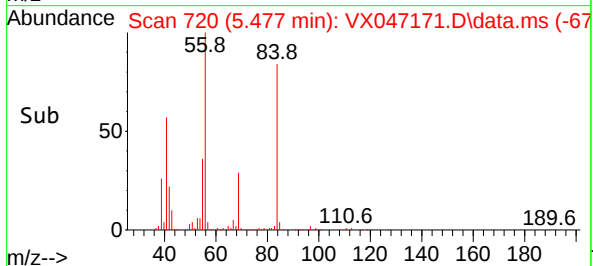
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



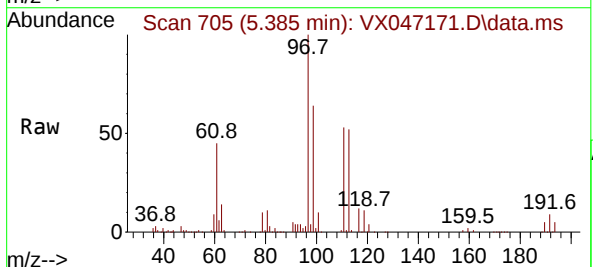
Tgt Ion: 56 Resp: 28610
Ion Ratio Lower Upper
56 100
69 28.9 23.3 34.9
84 82.2 66.5 99.7

Manual Integrations
APPROVED

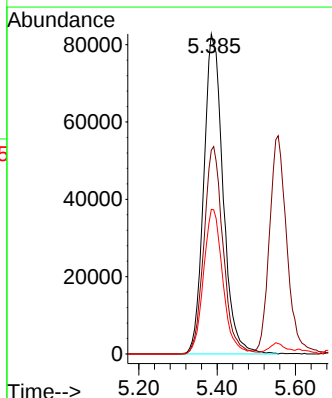
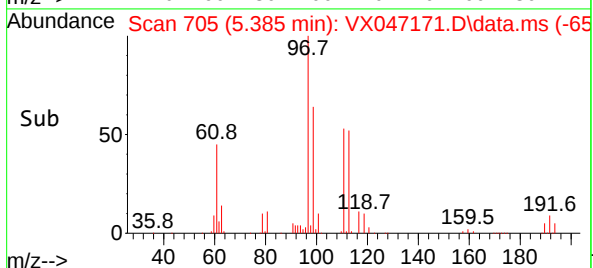
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

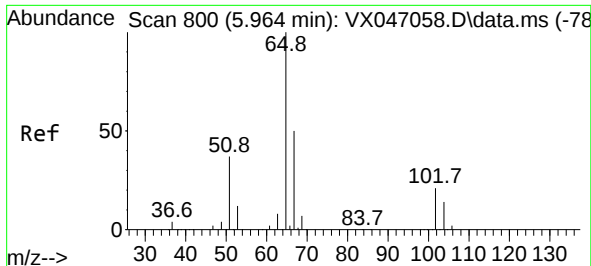


#32
1,1,1-Trichloroethane
Concen: 47.833 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51



Tgt Ion: 97 Resp: 282472
Ion Ratio Lower Upper
97 100
99 64.1 51.2 76.8
61 45.4 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 47.647 ug/l

RT: 5.958 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX047171.D

Acq: 29 Jul 2025 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 163229

Ion Ratio Lower Upper

65 100

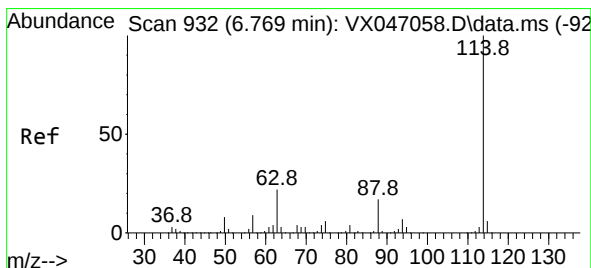
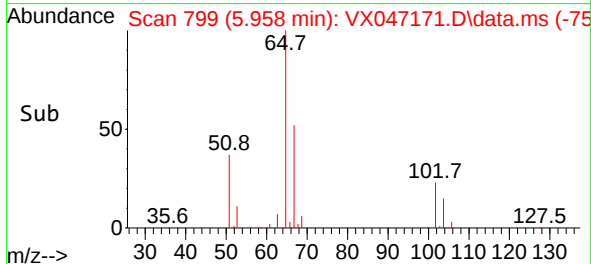
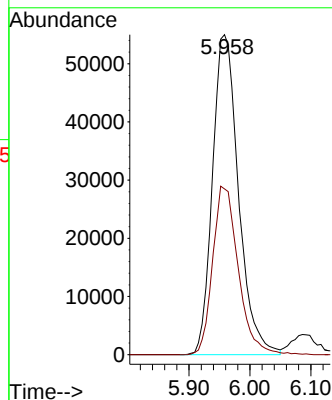
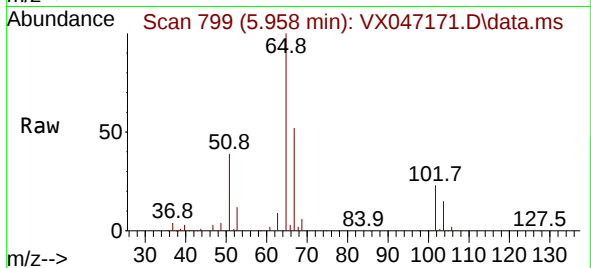
67 51.9 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047171.D

Acq: 29 Jul 2025 09:51

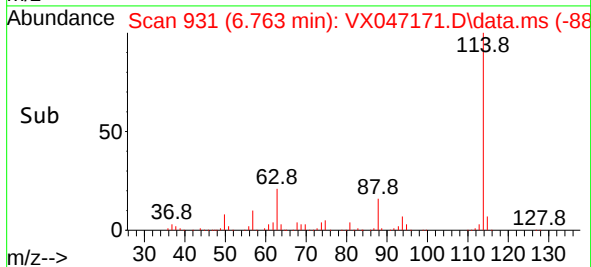
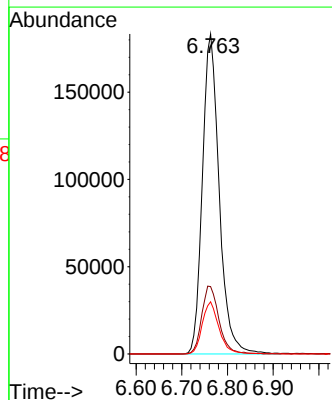
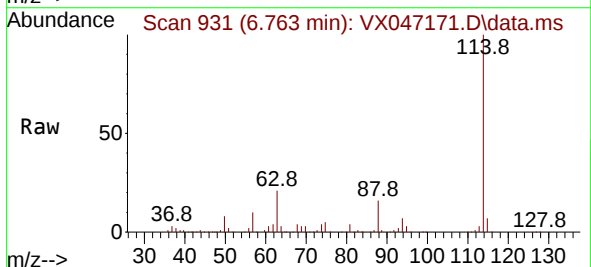
Tgt Ion:114 Resp: 467706

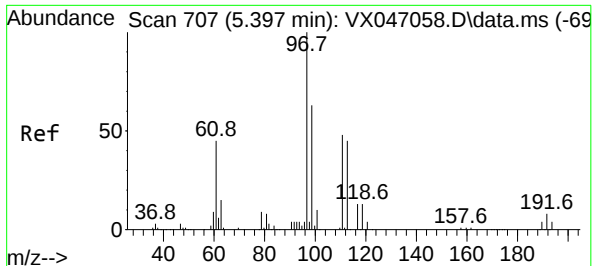
Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

88 16.3 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.664 ug/l

RT: 5.391 min Scan# 707

Delta R.T. -0.006 min

Lab File: VX047171.D

Acq: 29 Jul 2025 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 14053

Ion Ratio Lower Upper

113 100

111 101.1 82.6 124.0

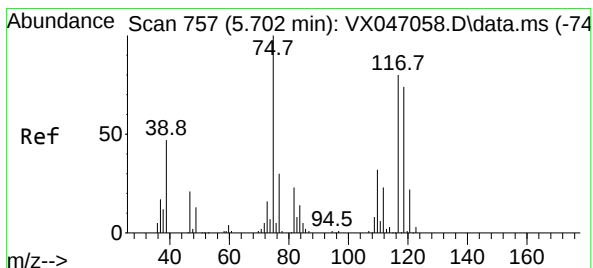
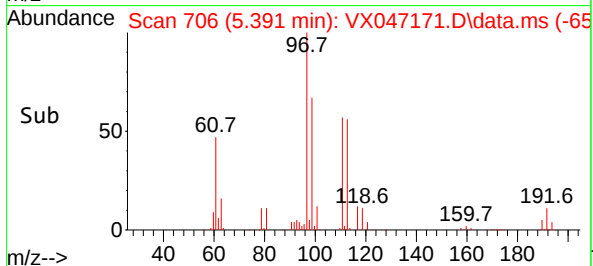
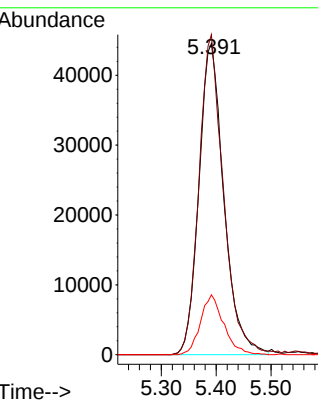
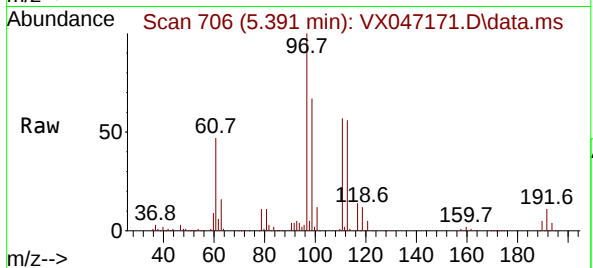
192 18.0 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#36

1,1-Dichloropropene

Concen: 44.443 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX047171.D

Acq: 29 Jul 2025 09:51

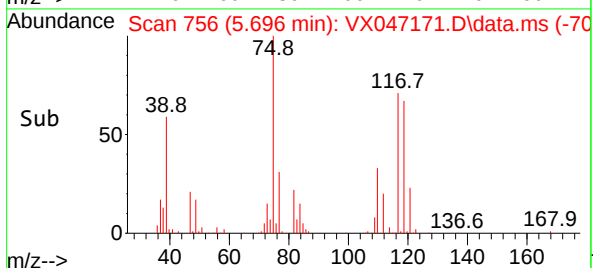
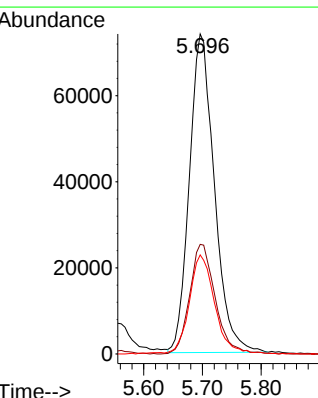
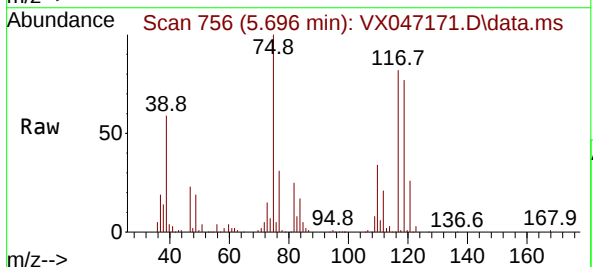
Tgt Ion: 75 Resp: 218771

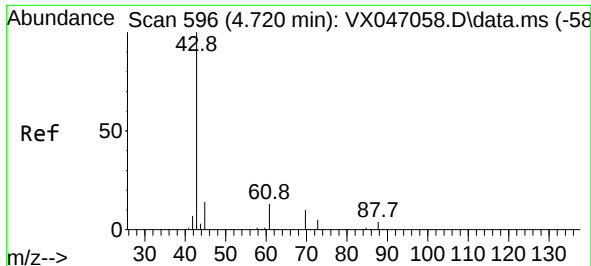
Ion Ratio Lower Upper

75 100

110 35.2 17.2 51.5

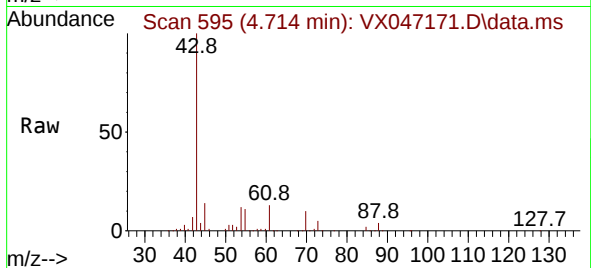
77 31.9 25.1 37.7





#37
Ethyl Acetate
Concen: 50.296 ug/l
RT: 4.714 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

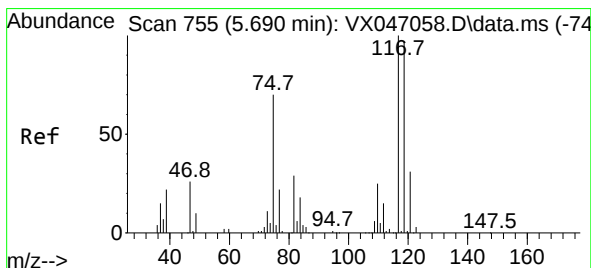
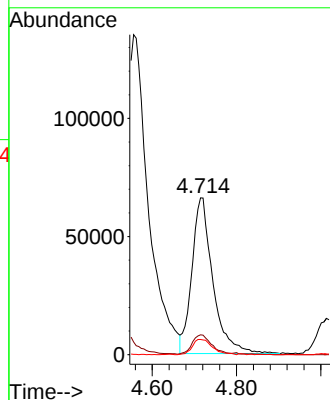
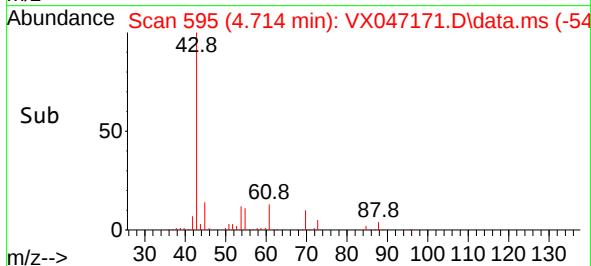
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 228135
Ion Ratio Lower Upper
43 100
61 11.4 10.2 15.2
70 9.4 8.1 12.1

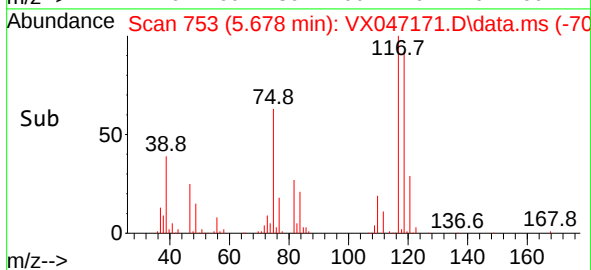
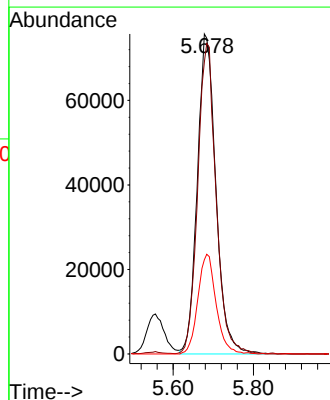
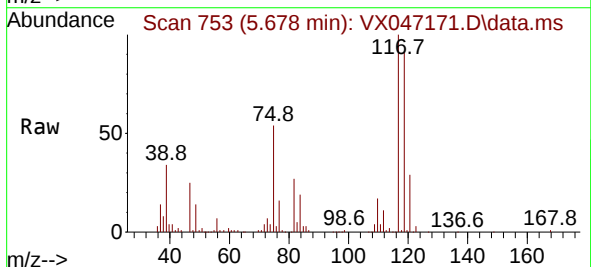
Manual Integrations
APPROVED

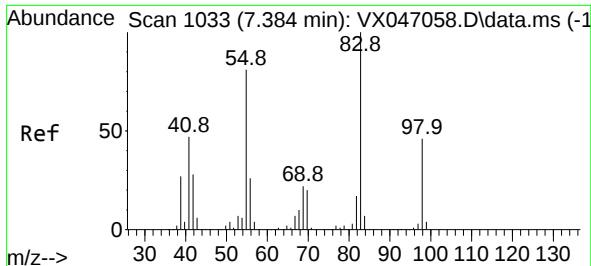
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#38
Carbon Tetrachloride
Concen: 46.416 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.012 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

Tgt Ion:117 Resp: 243861
Ion Ratio Lower Upper
117 100
119 91.1 76.6 115.0
121 29.4 24.4 36.6





#39

Methylcyclohexane

Concen: 46.010 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX047171.D

Acq: 29 Jul 2025 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 282772

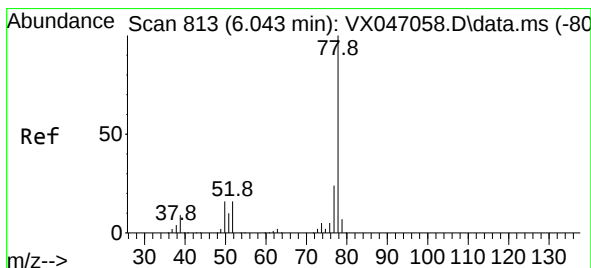
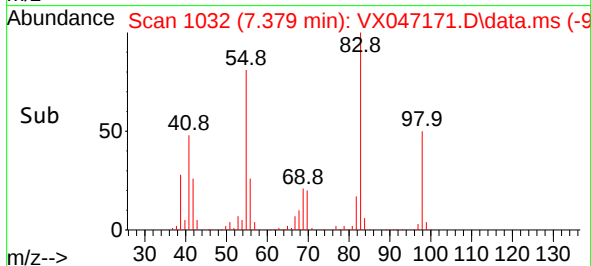
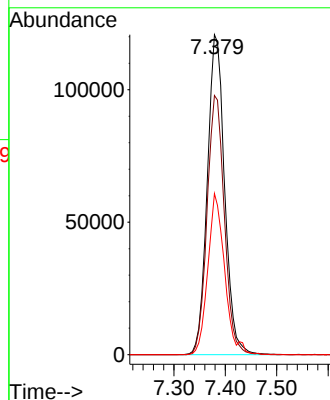
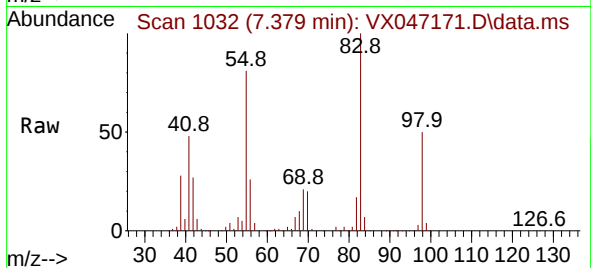
Ion	Ratio	Lower	Upper
83	100		
55	81.0	64.5	96.7
98	50.3	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#40

Benzene

Concen: 47.102 ug/l

RT: 6.043 min Scan# 813

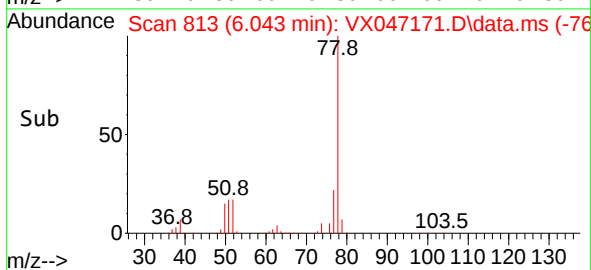
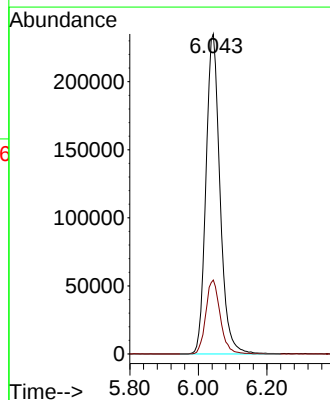
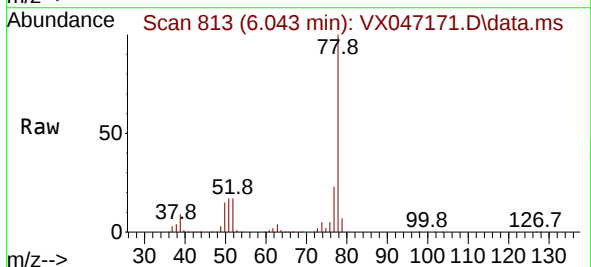
Delta R.T. 0.000 min

Lab File: VX047171.D

Acq: 29 Jul 2025 09:51

Tgt Ion: 78 Resp: 671002

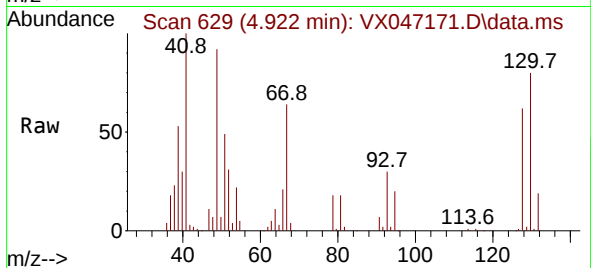
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.4





#41
Methacrylonitrile
Concen: 48.295 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

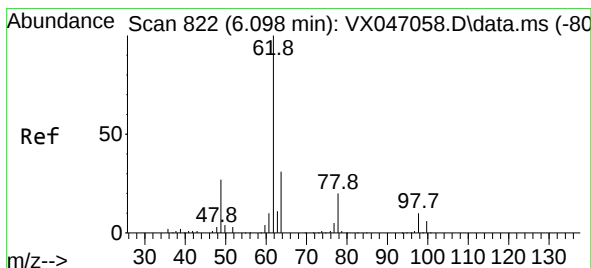
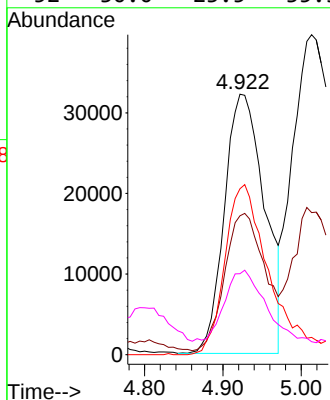
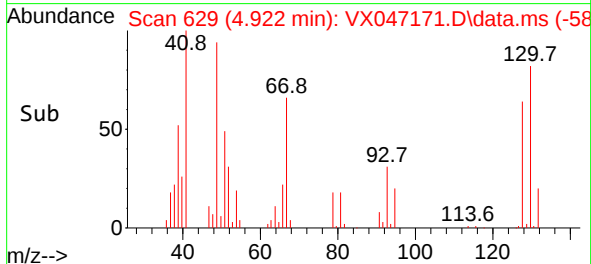
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 114538
Ion Ratio Lower Upper
41 100
39 53.1 44.2 66.2
67 75.7 56.4 84.6
52 30.0 23.5 35.3

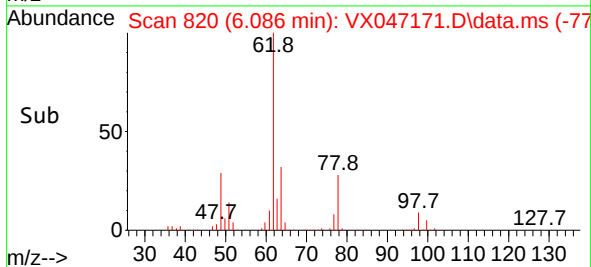
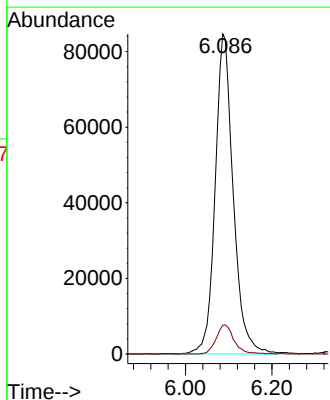
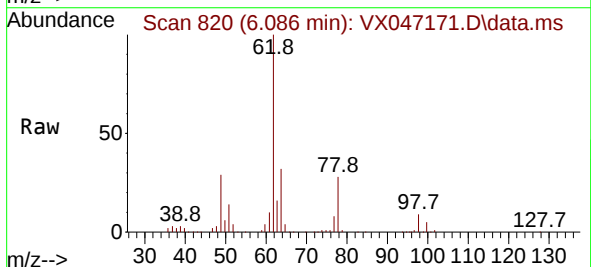
Manual Integrations
APPROVED

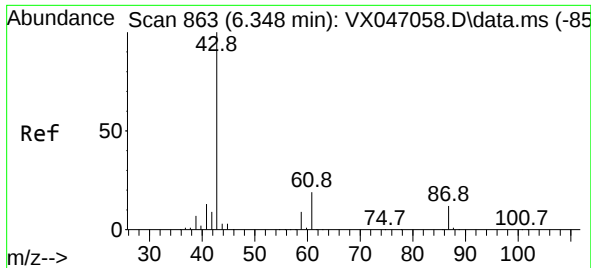
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#42
1,2-Dichloroethane
Concen: 48.970 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

Tgt Ion: 62 Resp: 245738
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.8





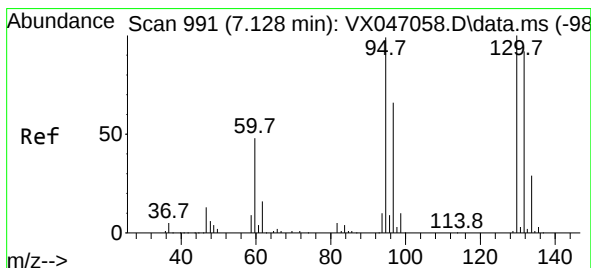
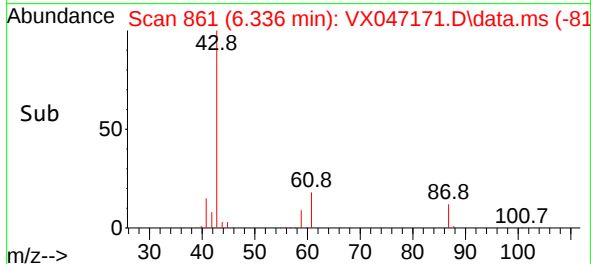
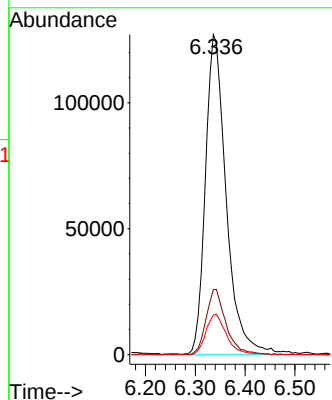
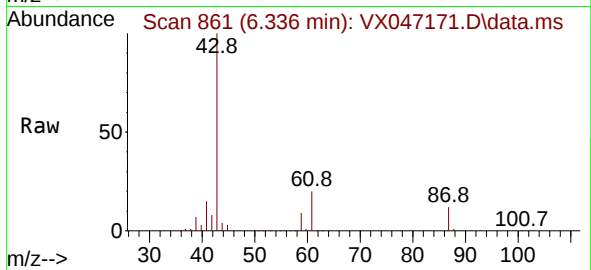
#43
Isopropyl Acetate
Concen: 51.984 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.012 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 367588
Ion Ratio Lower Upper
43 100
61 19.5 15.1 22.7
87 12.5 9.7 14.5

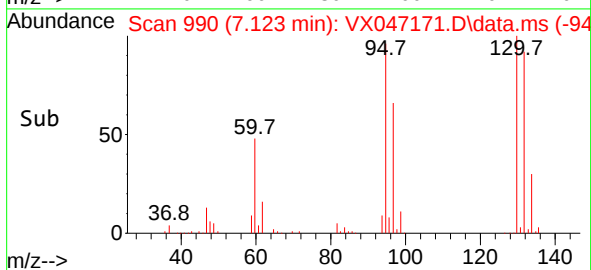
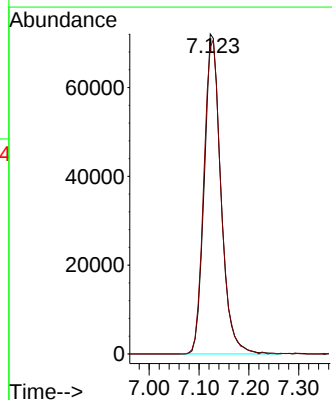
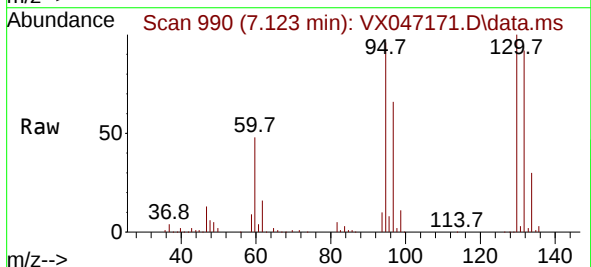
Manual Integrations
APPROVED

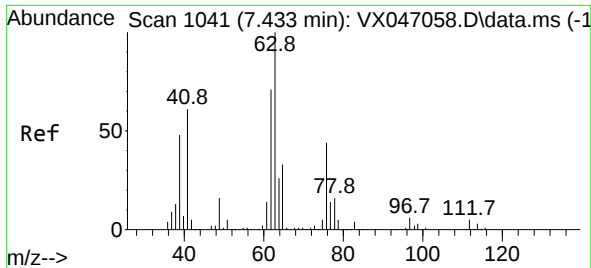
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#44
Trichloroethene
Concen: 45.870 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

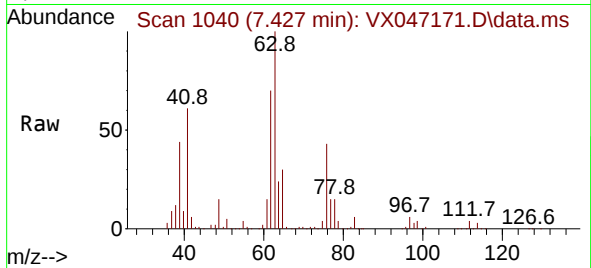
Tgt Ion:130 Resp: 167565
Ion Ratio Lower Upper
130 100
95 104.3 0.0 198.6





#45
1,2-Dichloropropane
Concen: 48.534 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

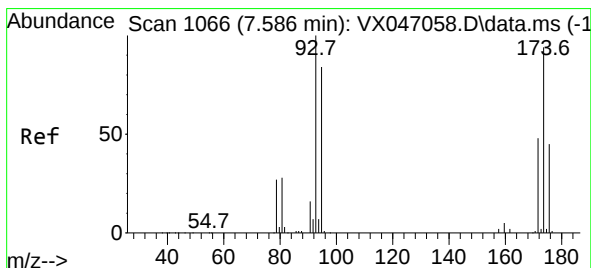
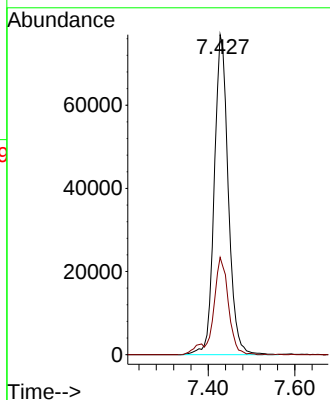
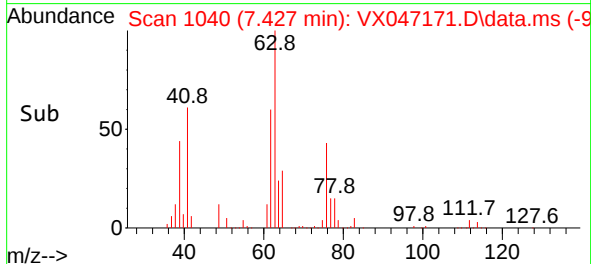
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 173164
Ion Ratio Lower Upper
63 100
65 30.4 26.3 39.5

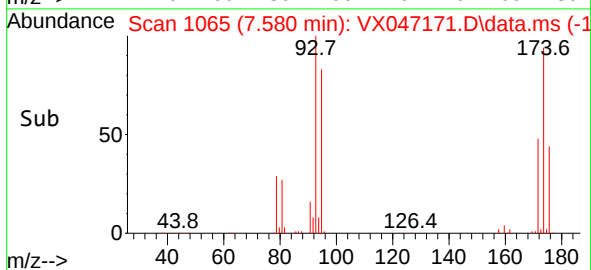
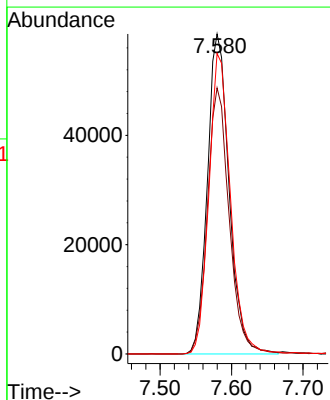
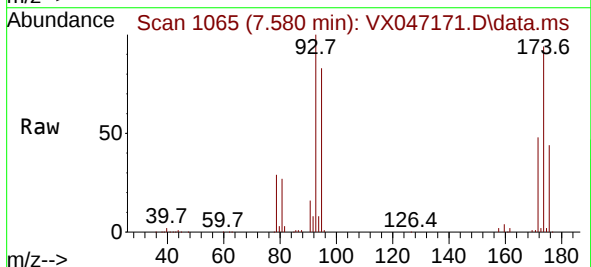
Manual Integrations
APPROVED

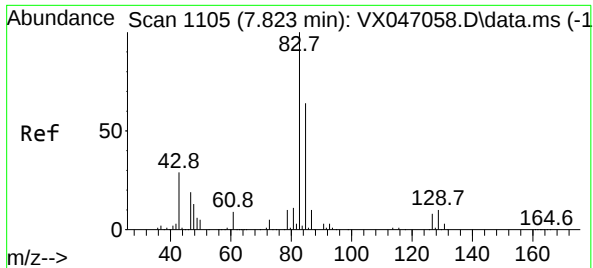
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#46
Dibromomethane
Concen: 49.390 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

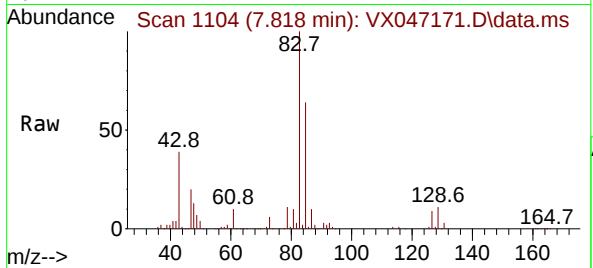
Tgt Ion: 93 Resp: 123575
Ion Ratio Lower Upper
93 100
95 83.1 65.9 98.9
174 93.1 74.6 112.0





#47
Bromodichloromethane
Concen: 48.981 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

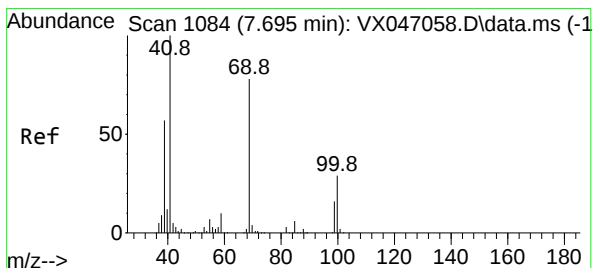
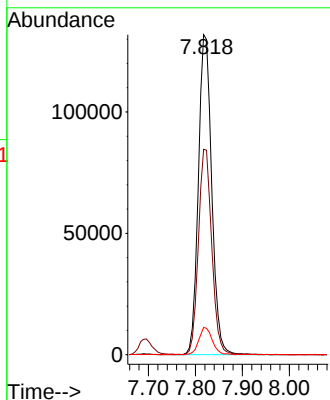
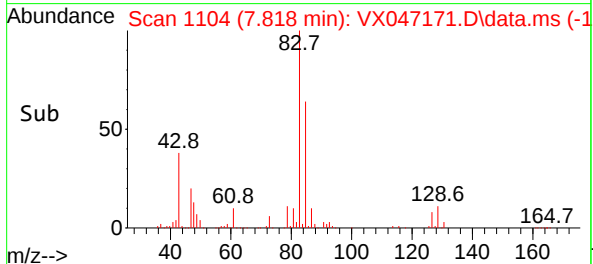
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 260852
Ion Ratio Lower Upper
83 100
85 64.1 49.9 74.9
127 8.5 6.6 10.0

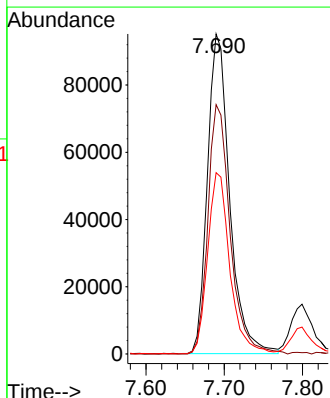
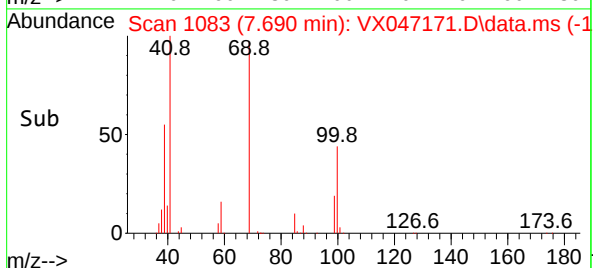
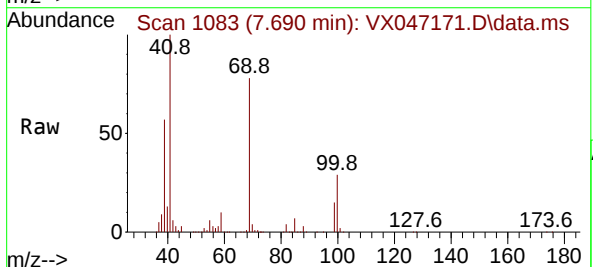
Manual Integrations
APPROVED

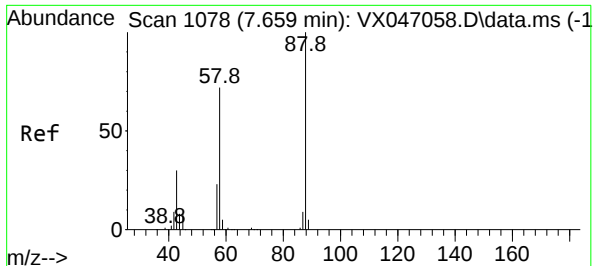
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#48
Methyl methacrylate
Concen: 48.693 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

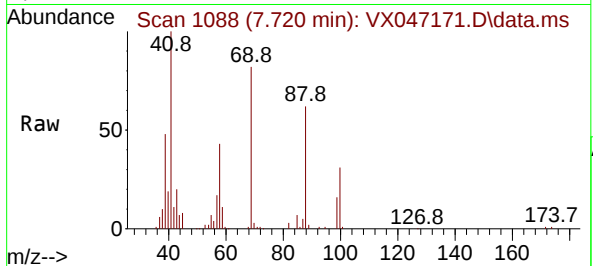
Tgt Ion: 41 Resp: 187575
Ion Ratio Lower Upper
41 100
69 78.2 62.3 93.5
39 56.5 44.8 67.2





#49
1,4-Dioxane
Concen: 1017.134 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.061 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

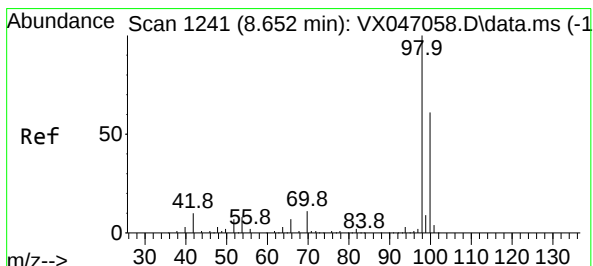
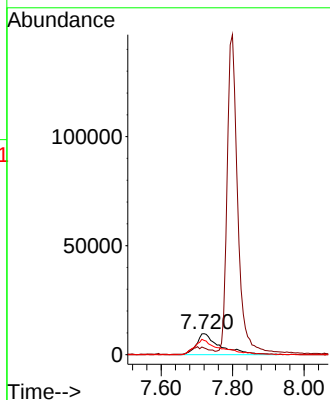
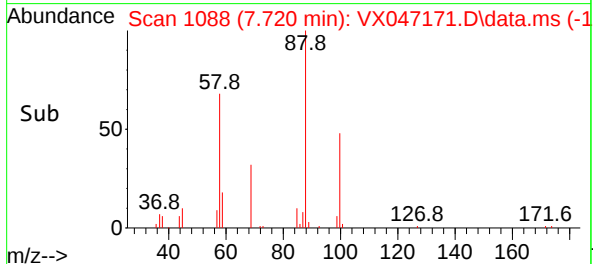
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 44564
Ion Ratio Lower Upper
88 100
43 0.0 33.6 50.4
58 77.6 58.8 88.2

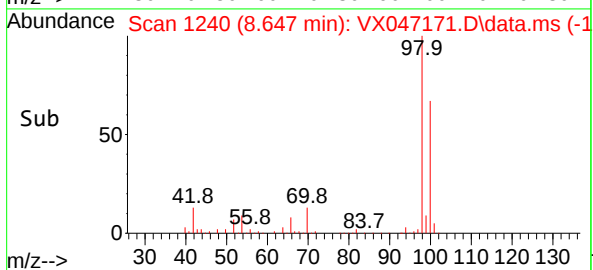
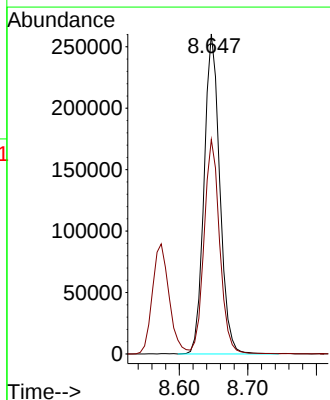
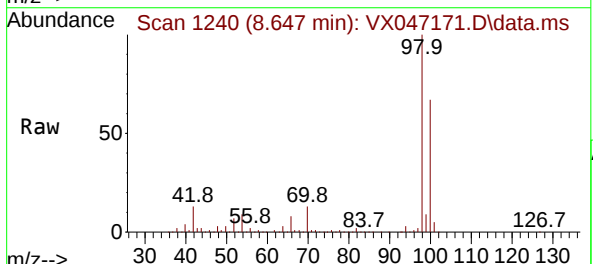
Manual Integrations
APPROVED

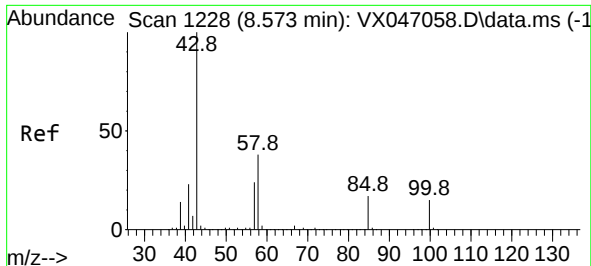
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#50
Toluene-d8
Concen: 44.330 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

Tgt Ion: 98 Resp: 414572
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9





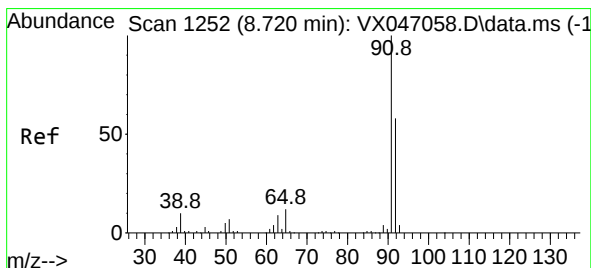
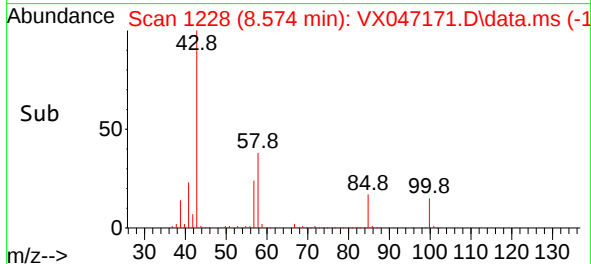
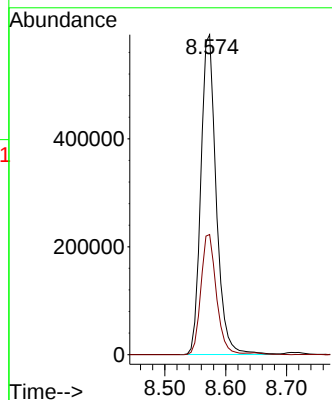
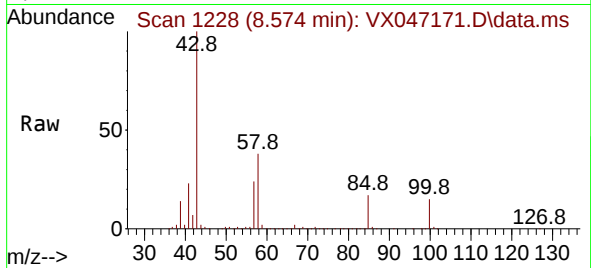
#51
4-Methyl-2-Pentanone
Concen: 247.230 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1039110
Ion Ratio Lower Upper
43 100
58 37.8 30.6 45.8

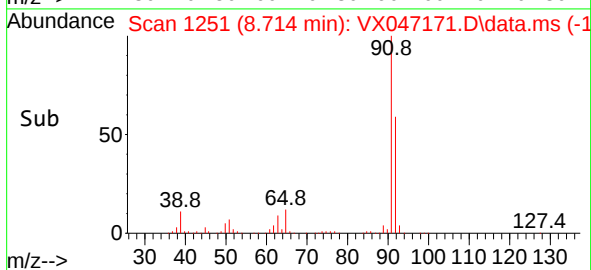
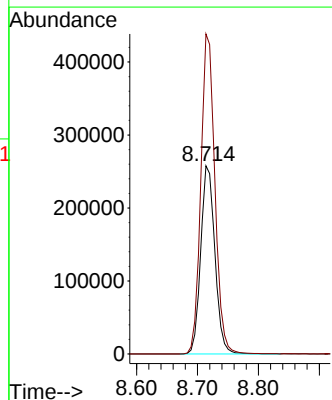
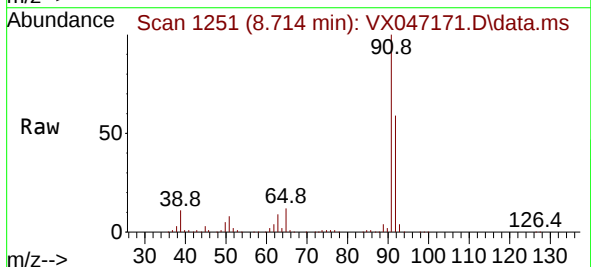
Manual Integrations
APPROVED

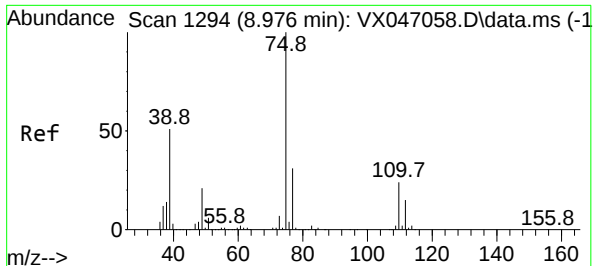
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#52
Toluene
Concen: 47.625 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

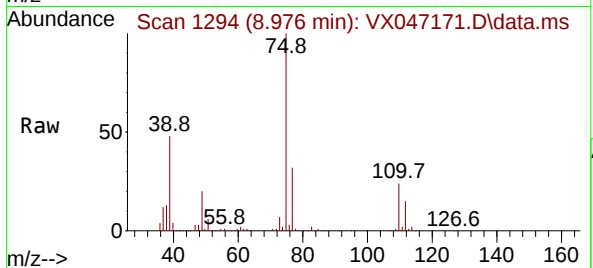
Tgt Ion: 92 Resp: 417165
Ion Ratio Lower Upper
92 100
91 169.0 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 50.429 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

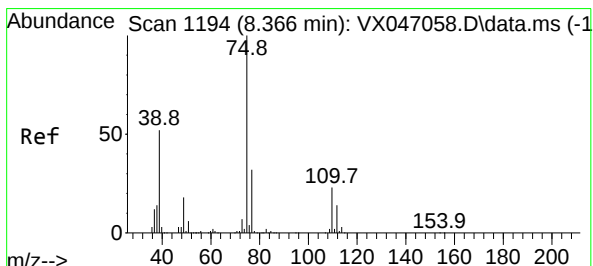
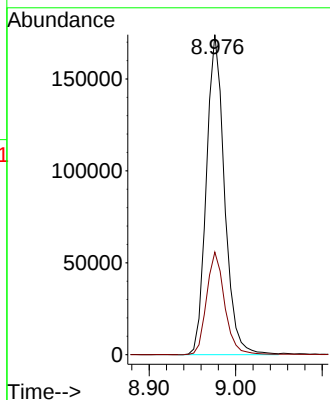
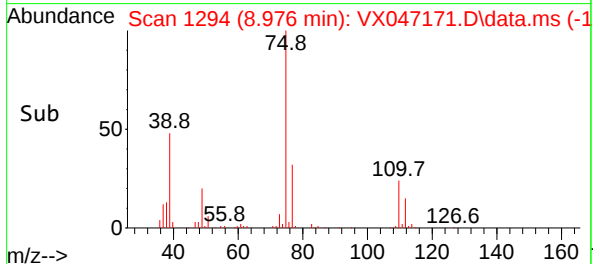
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



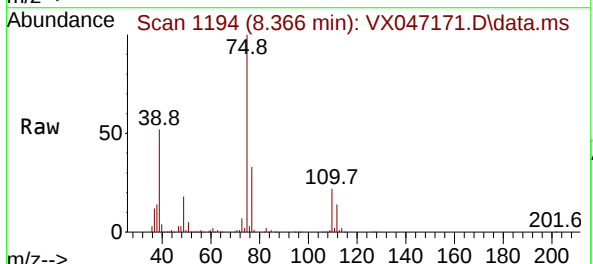
Tgt Ion: 75 Resp: 253608
Ion Ratio Lower Upper
75 100
77 32.0 24.5 36.7

Manual Integrations
APPROVED

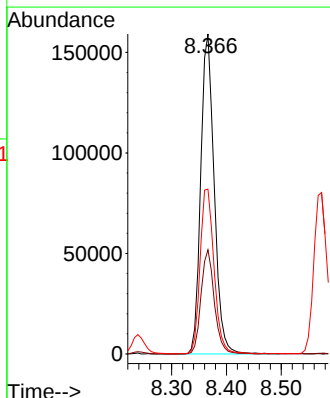
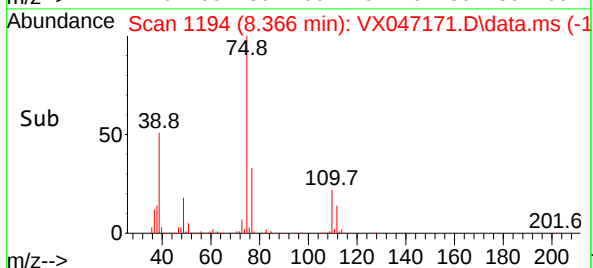
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

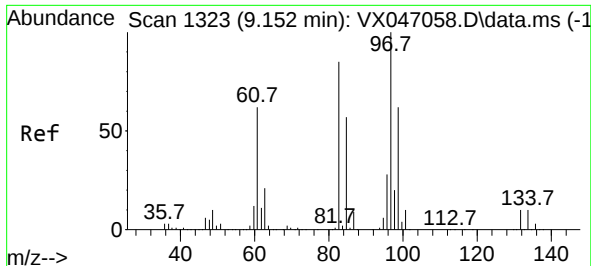


#54
cis-1,3-Dichloropropene
Concen: 49.329 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51



Tgt Ion: 75 Resp: 271515
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0
39 50.6 41.8 62.6





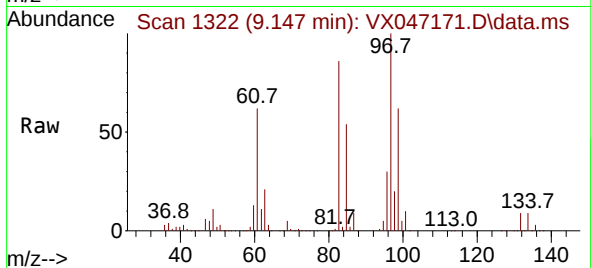
#55
1,1,2-Trichloroethane
Concen: 48.650 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



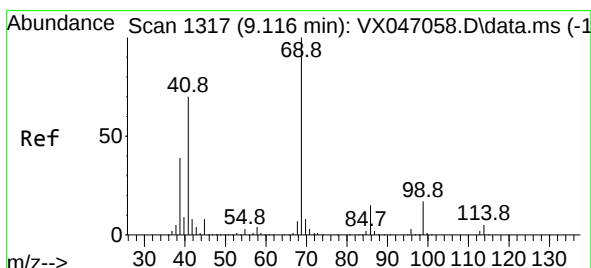
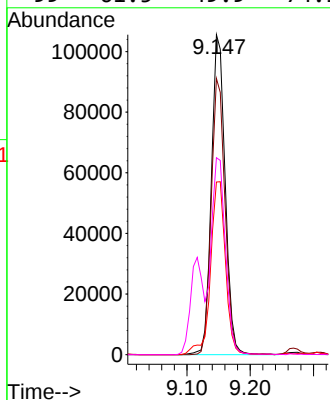
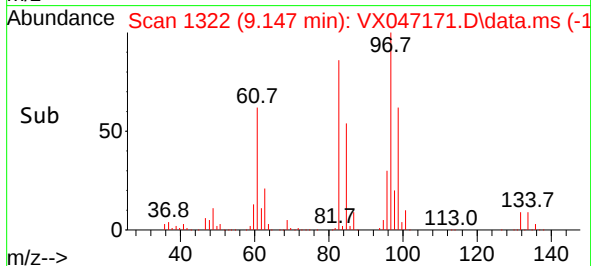
Tgt Ion: 97 Resp: 15981
Ion Ratio Lower Upper
97 100
83 86.3 68.0 102.0
85 53.9 45.2 67.8
99 61.5 49.9 74.9

Manual Integrations

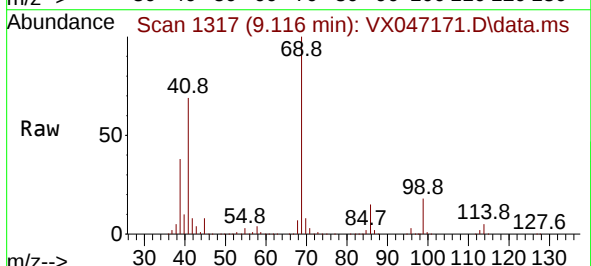
APPROVED

Reviewed By :John Carlone 07/30/2025

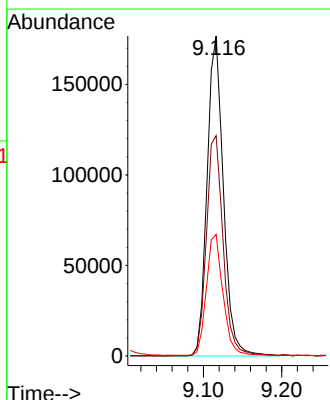
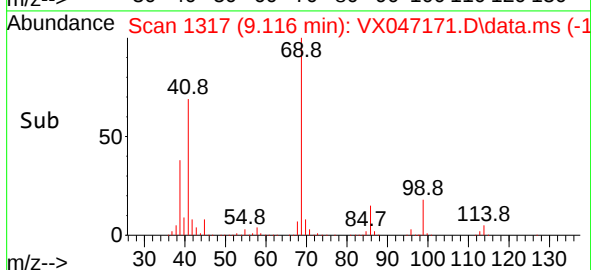
Supervised By :Mahesh Dadoda 07/30/2025

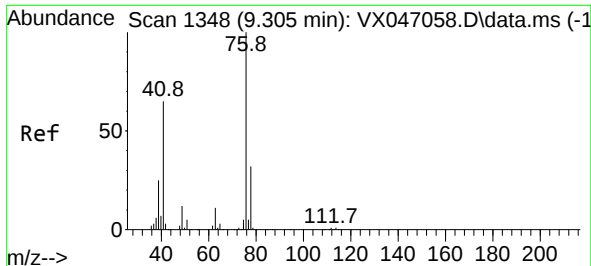


#56
Ethyl methacrylate
Concen: 52.492 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51



Tgt Ion: 69 Resp: 255276
Ion Ratio Lower Upper
69 100
41 70.8 56.1 84.1
39 38.5 31.1 46.7





#57

1,3-Dichloropropane

Concen: 48.192 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047171.D

Acq: 29 Jul 2025 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 275134

Ion Ratio Lower Upper

76 100

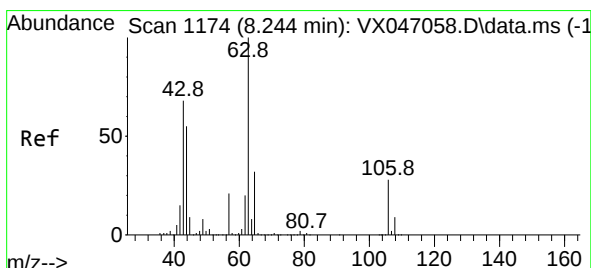
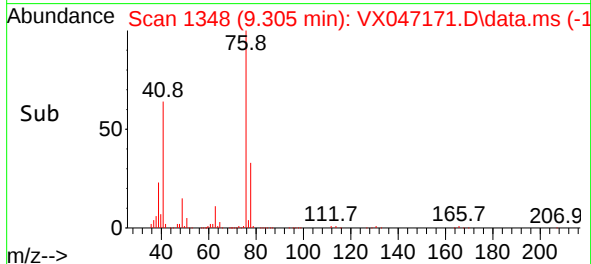
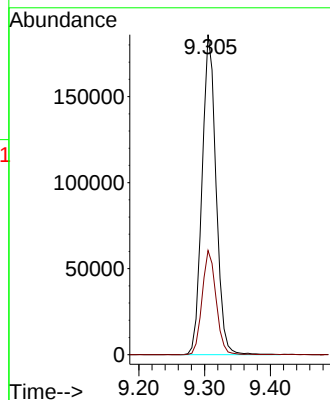
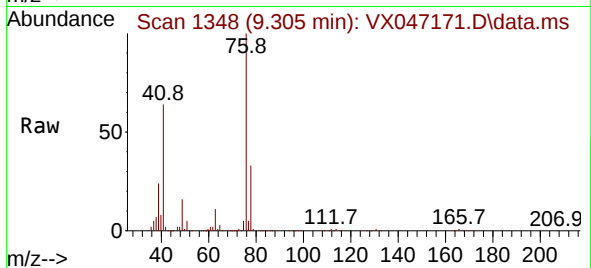
78 32.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#58

2-Chloroethyl Vinyl ether

Concen: 260.386 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047171.D

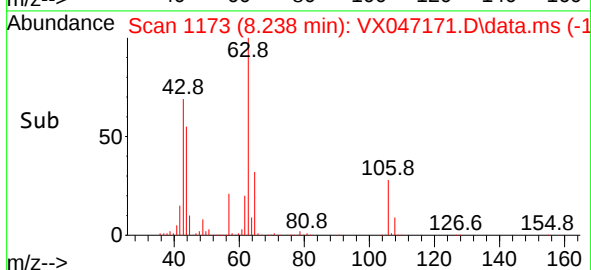
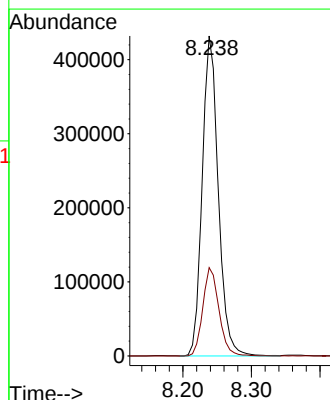
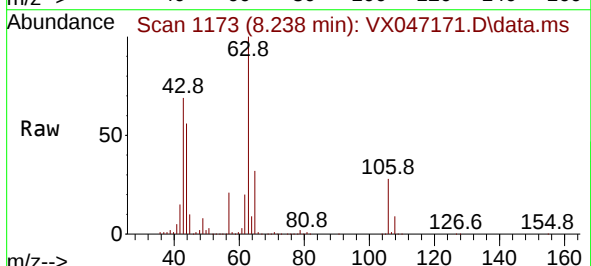
Acq: 29 Jul 2025 09:51

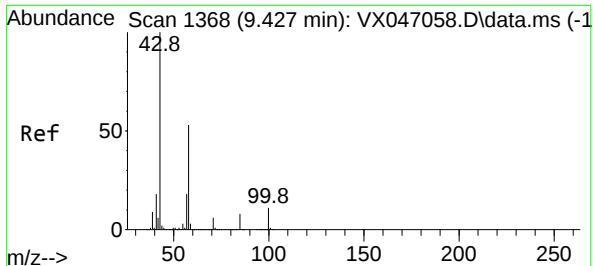
Tgt Ion: 63 Resp: 704651

Ion Ratio Lower Upper

63 100

106 27.8 22.2 33.4





#59

2-Hexanone

Concen: 255.960 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX047171.D

Acq: 29 Jul 2025 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 710768

Ion Ratio Lower Upper

43 100

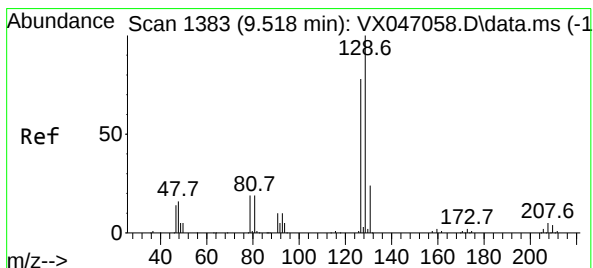
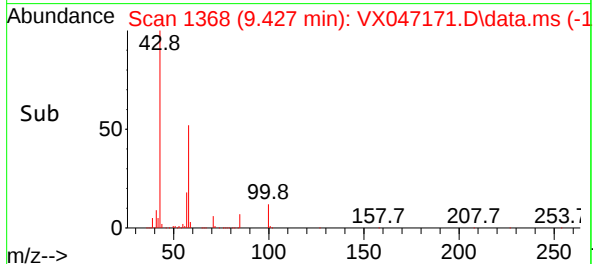
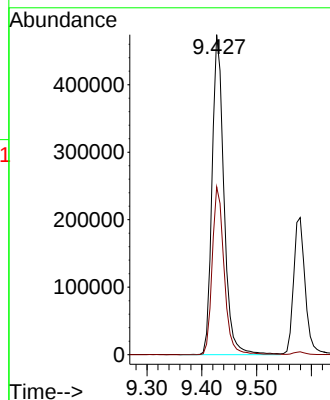
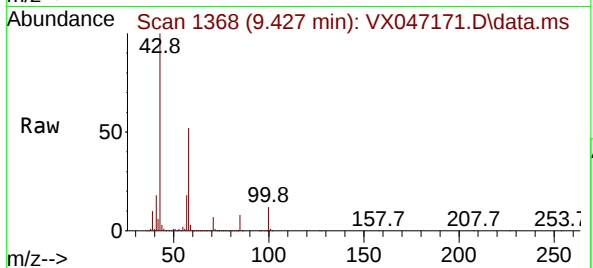
58 52.8 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#60

Dibromochloromethane

Concen: 51.321 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX047171.D

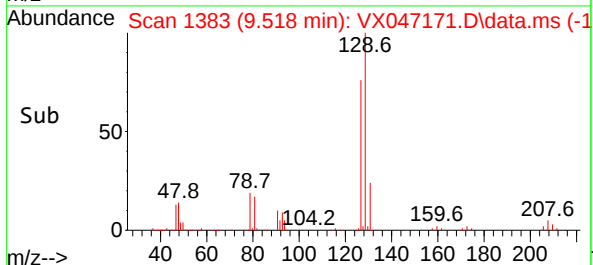
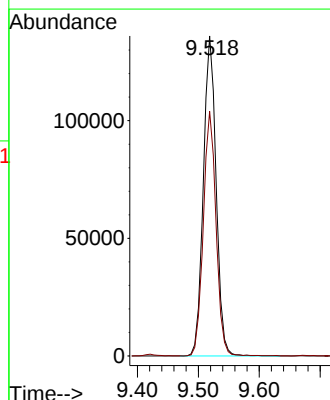
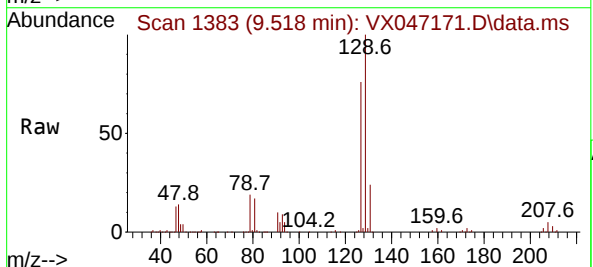
Acq: 29 Jul 2025 09:51

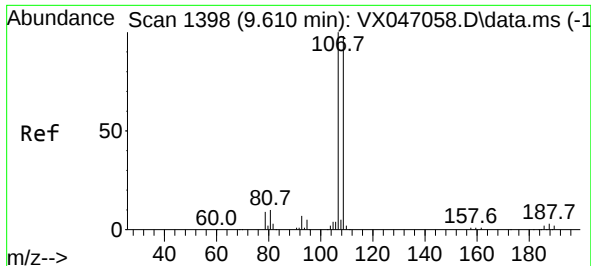
Tgt Ion:129 Resp: 197724

Ion Ratio Lower Upper

129 100

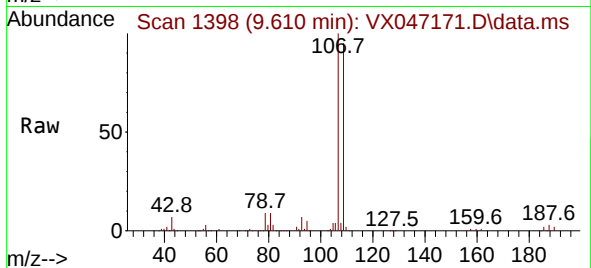
127 76.5 38.6 115.8





#61
1,2-Dibromoethane
Concen: 48.352 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

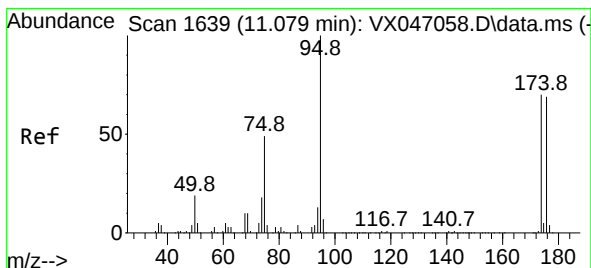
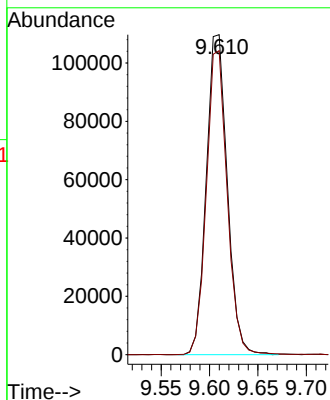
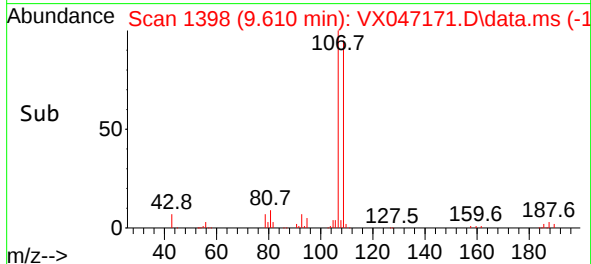
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 166084
Ion Ratio Lower Upper
107 100
109 94.1 74.6 112.0

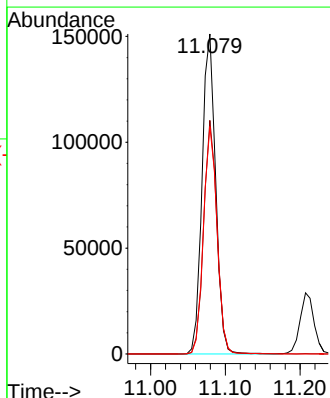
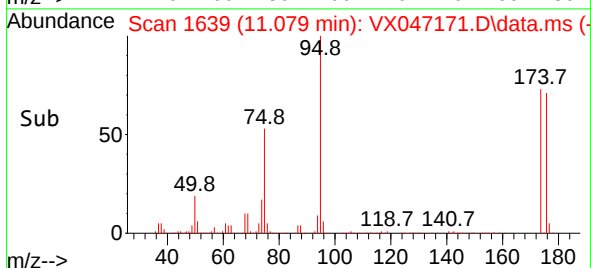
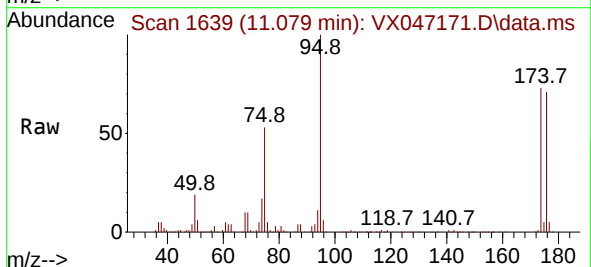
Manual Integrations
APPROVED

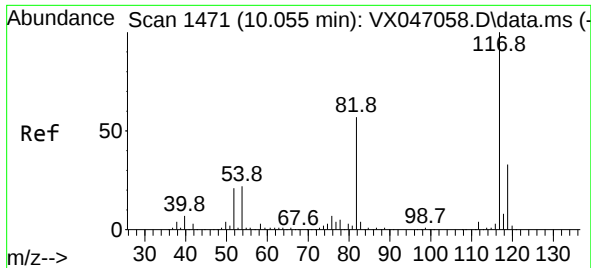
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#62
4-Bromofluorobenzene
Concen: 47.229 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

Tgt Ion: 95 Resp: 190341
Ion Ratio Lower Upper
95 100
174 71.2 0.0 144.6
176 71.2 0.0 139.6





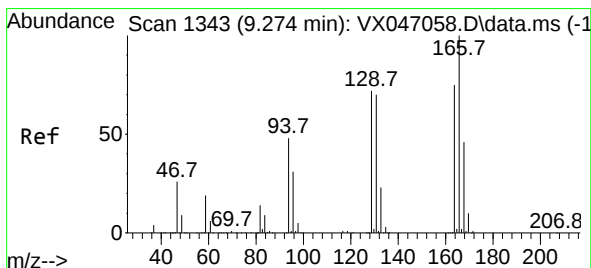
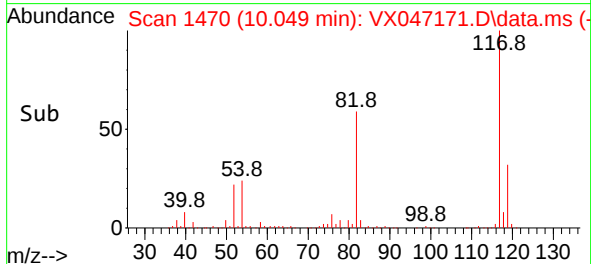
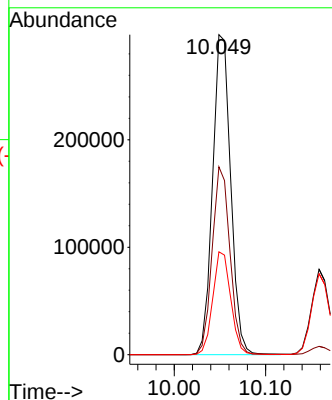
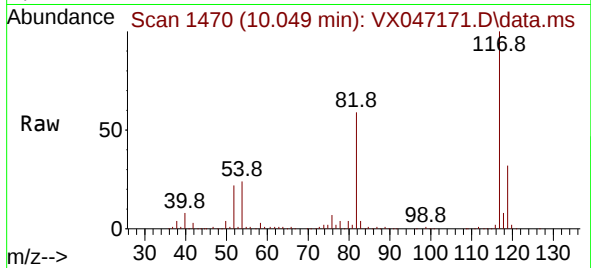
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 40933
Ion Ratio Lower Upper
117 100
82 58.7 45.4 68.2
119 32.2 26.1 39.1

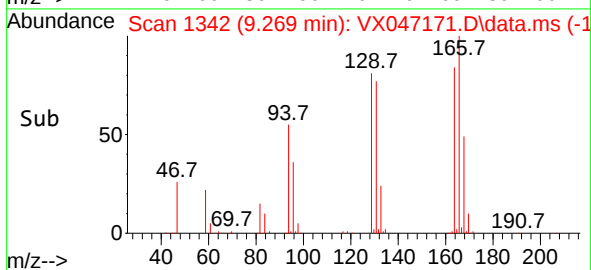
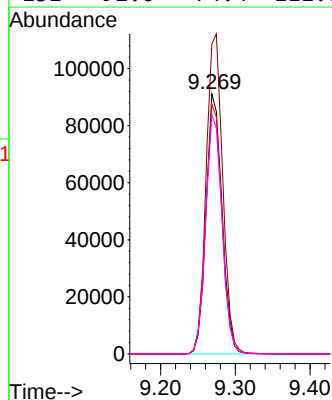
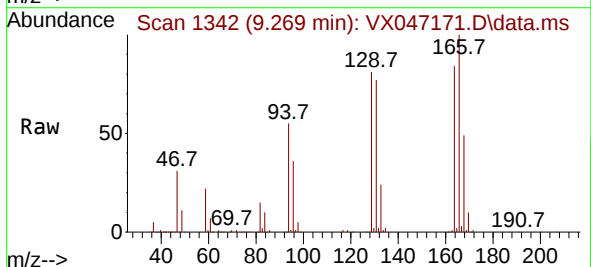
Manual Integrations
APPROVED

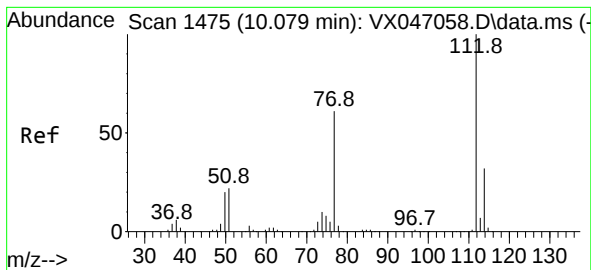
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#64
Tetrachloroethene
Concen: 46.001 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

Tgt Ion:164 Resp: 135742
Ion Ratio Lower Upper
164 100
166 119.1 106.2 159.4
129 96.0 76.6 114.8
131 92.0 74.4 111.6





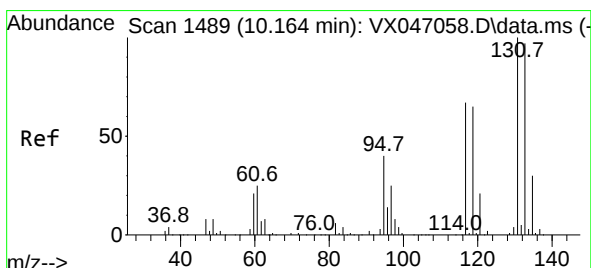
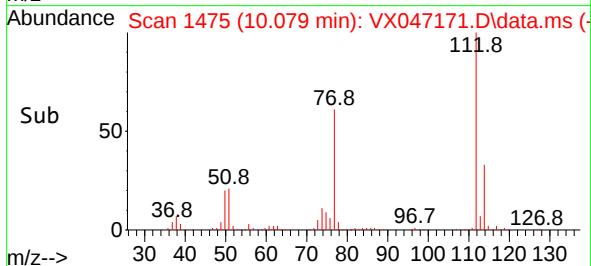
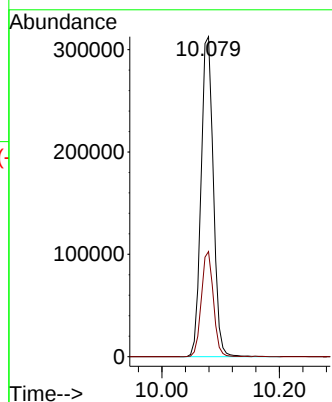
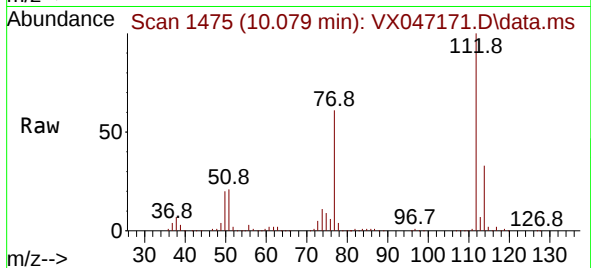
#65
Chlorobenzene
Concen: 47.463 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 45513
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6

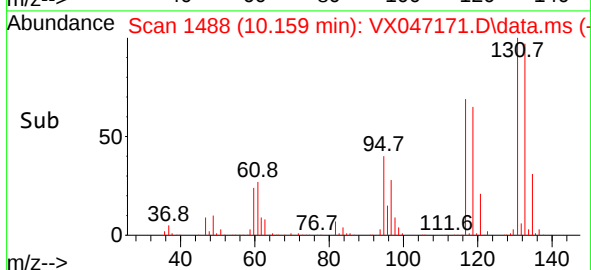
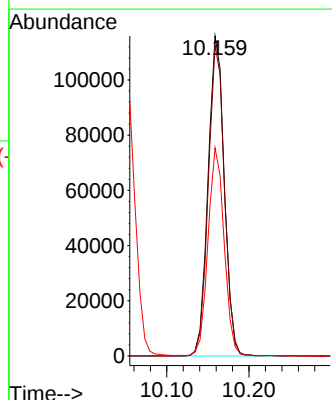
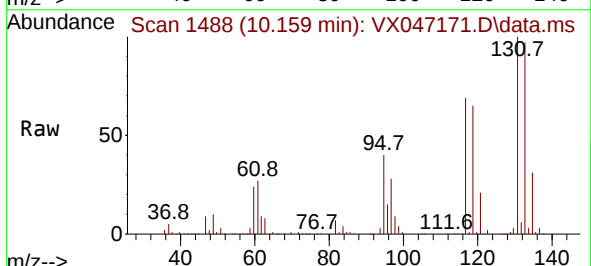
Manual Integrations
APPROVED

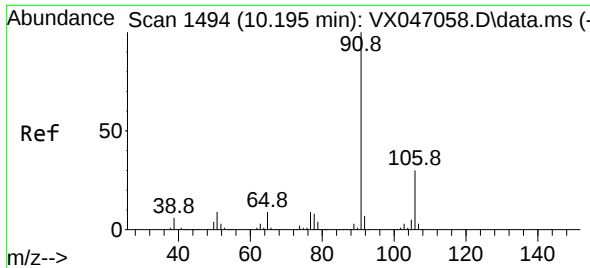
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.251 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

Tgt Ion:131 Resp: 159008
Ion Ratio Lower Upper
131 100
133 96.3 48.4 145.3
119 64.4 32.4 97.0





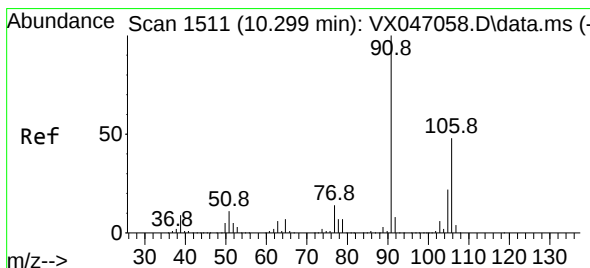
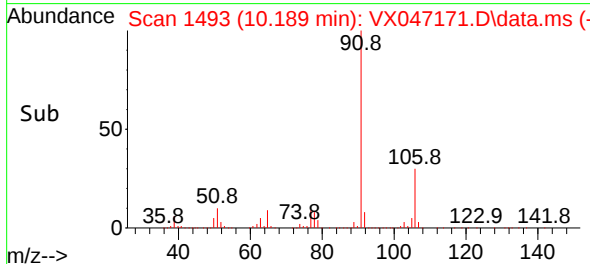
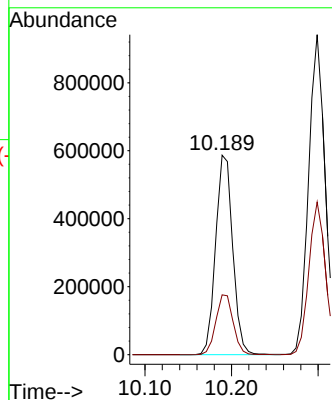
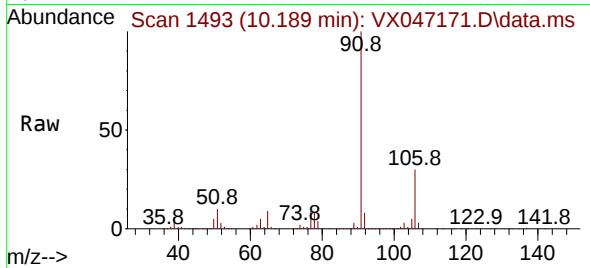
#67
Ethyl Benzene
Concen: 47.940 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 80378
Ion Ratio Lower Upper
91 100
106 30.0 24.2 36.4

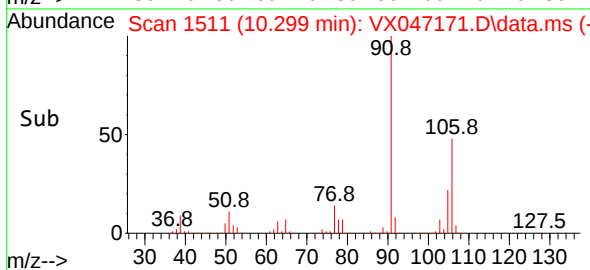
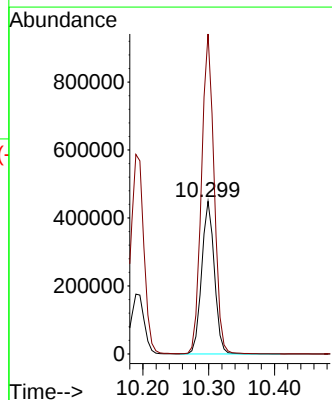
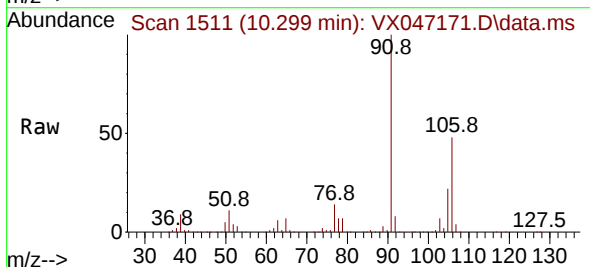
Manual Integrations
APPROVED

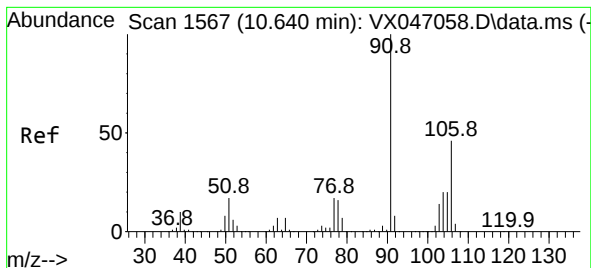
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#68
m/p-Xylenes
Concen: 95.809 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

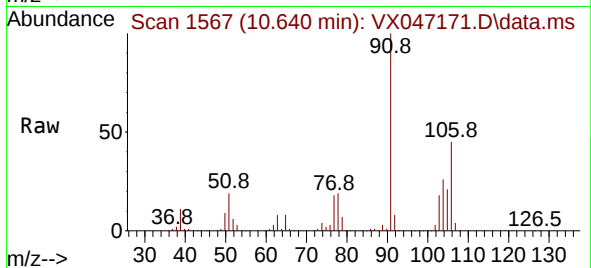
Tgt Ion:106 Resp: 601140
Ion Ratio Lower Upper
106 100
91 208.6 167.4 251.0





#69
o-Xylene
Concen: 48.306 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

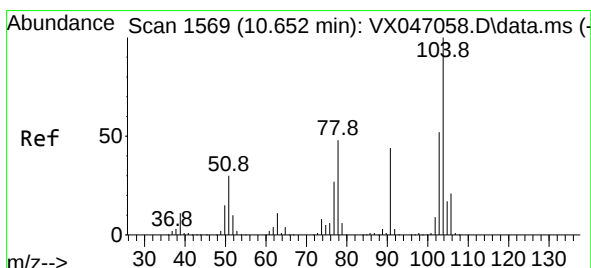
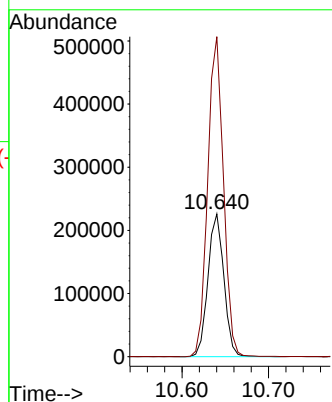
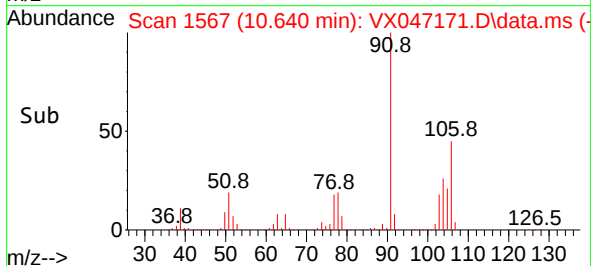
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



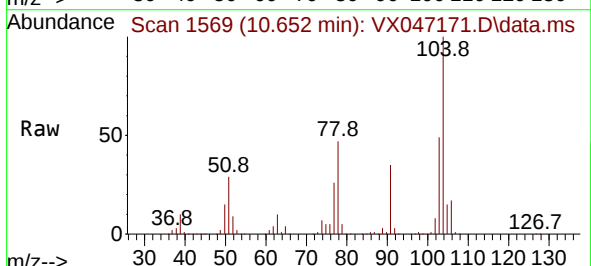
Tgt Ion:106 Resp: 288338
Ion Ratio Lower Upper
106 100
91 222.2 110.3 331.0

Manual Integrations
APPROVED

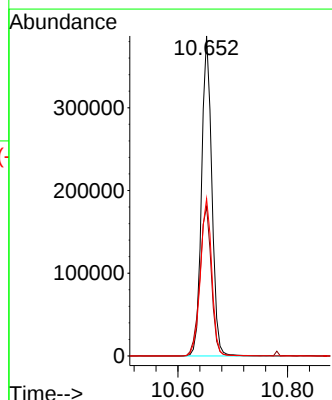
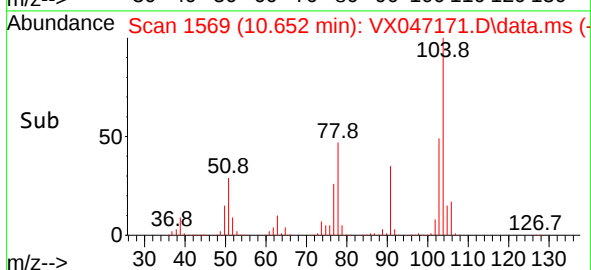
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

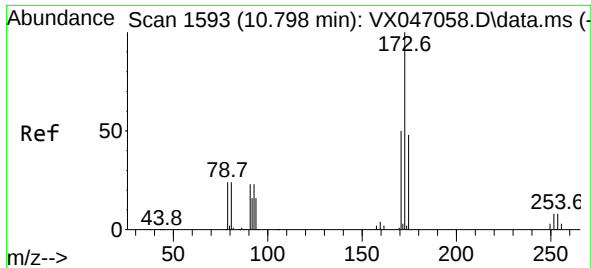


#70
Styrene
Concen: 49.009 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51



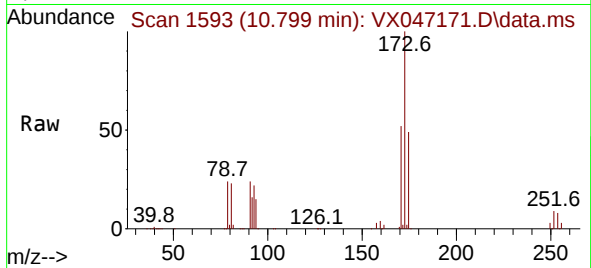
Tgt Ion:104 Resp: 501623
Ion Ratio Lower Upper
104 100
78 52.6 42.0 63.0
103 54.3 43.8 65.6





#71
Bromoform
Concen: 51.967 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

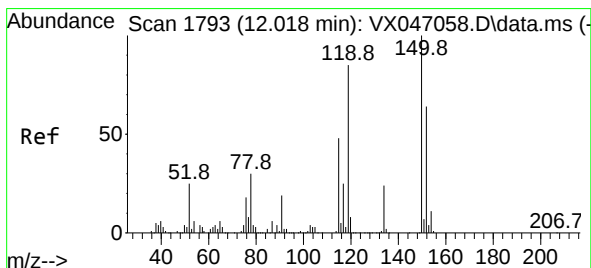
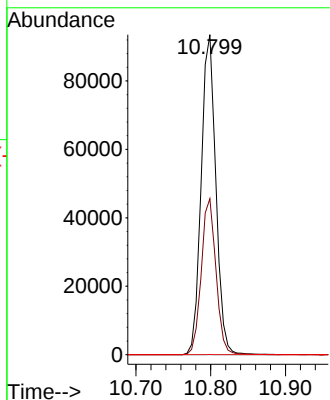
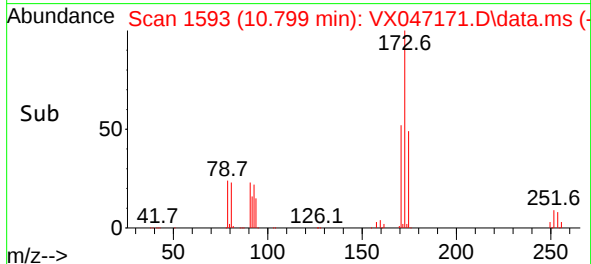
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



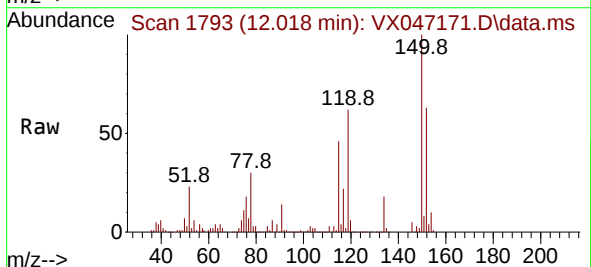
Tgt Ion:173 Resp: 12744
Ion Ratio Lower Upper
173 100
175 48.9 24.2 72.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

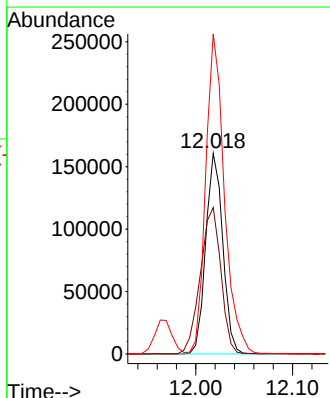
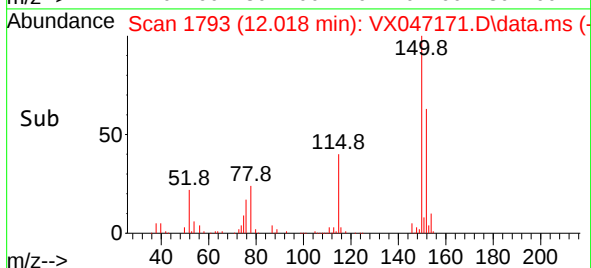
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

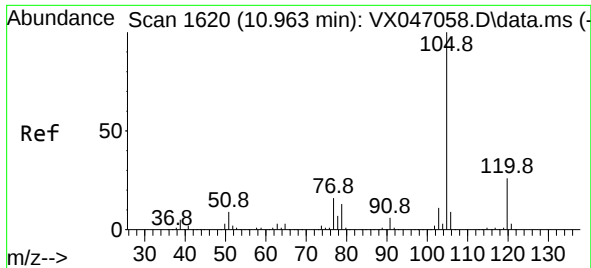


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51



Tgt Ion:152 Resp: 196546
Ion Ratio Lower Upper
152 100
115 88.3 45.6 136.7
150 174.7 0.0 354.6





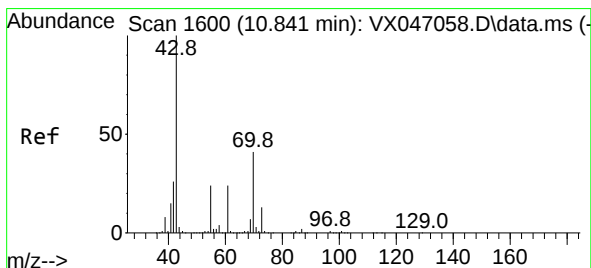
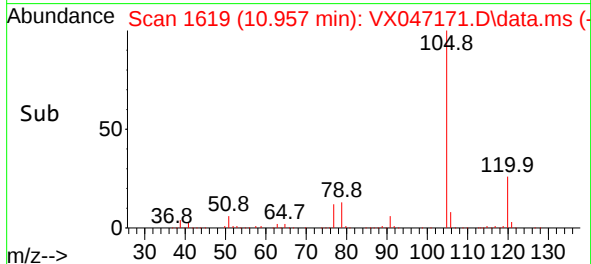
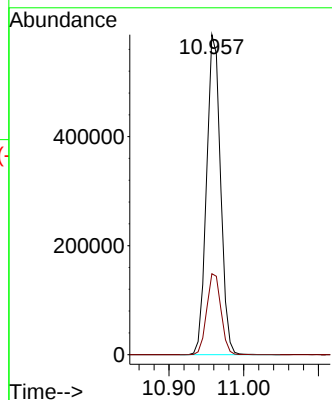
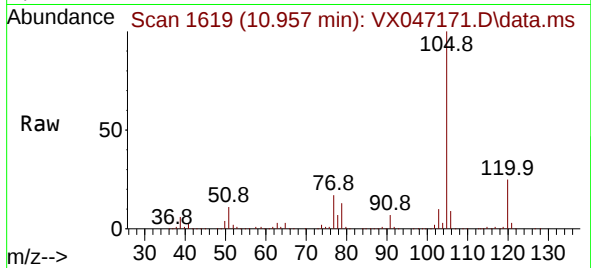
#73
Isopropylbenzene
Concen: 49.155 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 762212
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7

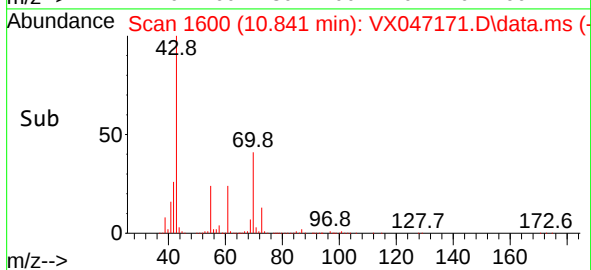
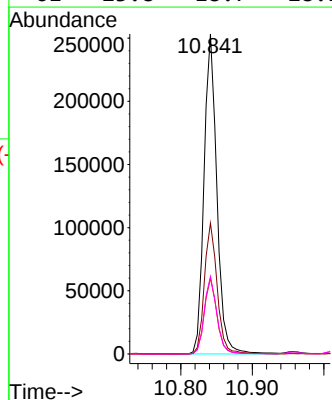
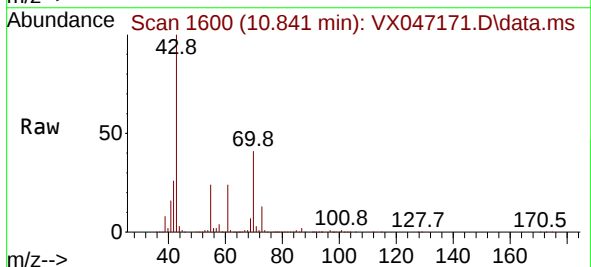
Manual Integrations
APPROVED

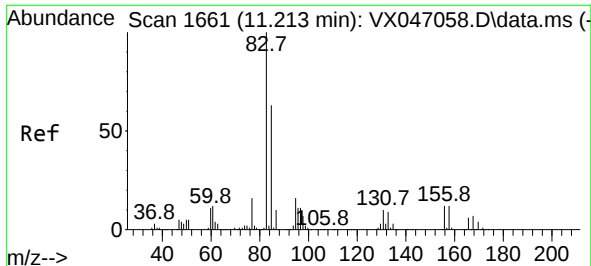
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#74
N-ethyl acetate
Concen: 50.585 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

Tgt Ion: 43 Resp: 316483
Ion Ratio Lower Upper
43 100
70 40.8 32.3 48.5
55 23.5 18.9 28.3
61 23.8 18.7 28.1





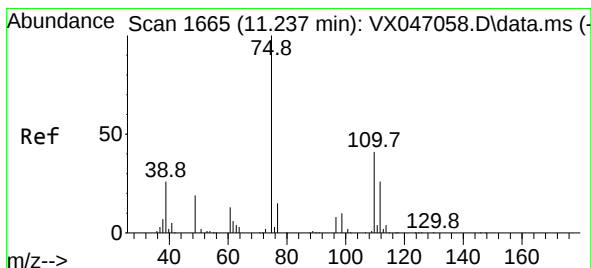
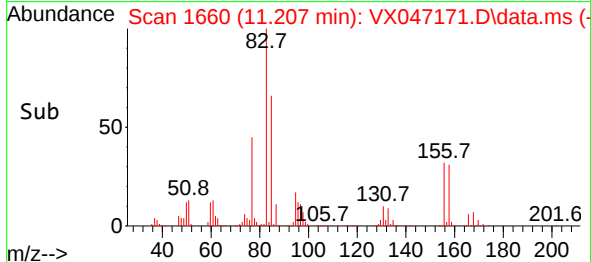
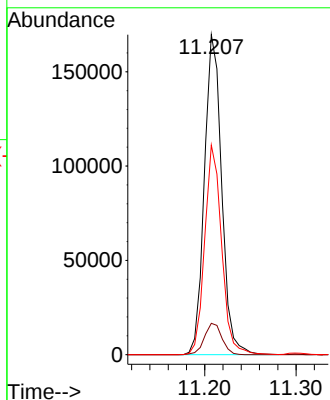
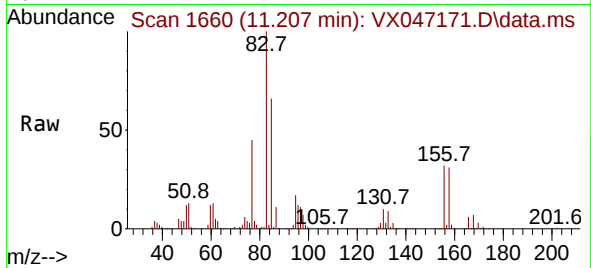
#75
1,1,2,2-Tetrachloroethane
Concen: 50.460 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 223504
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.2 32.0 96.2

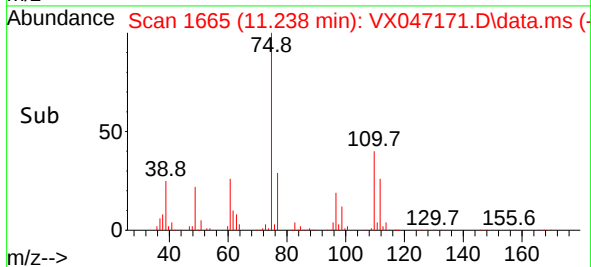
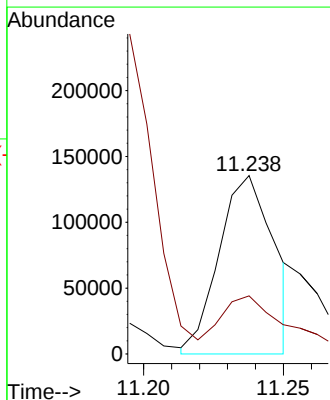
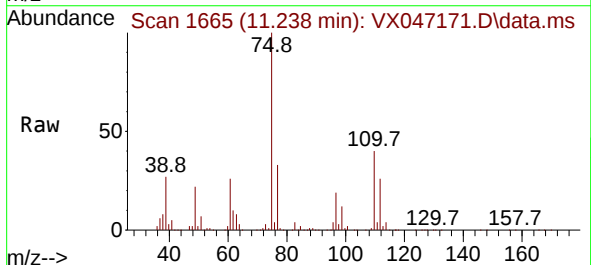
Manual Integrations
APPROVED

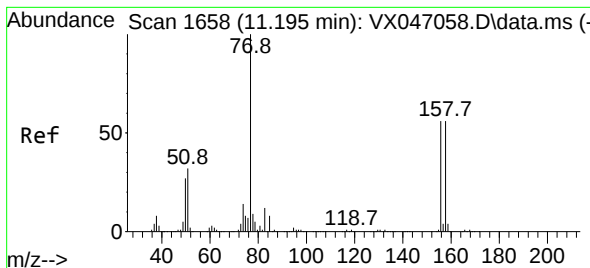
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#76
1,2,3-Trichloropropane
Concen: 50.961 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

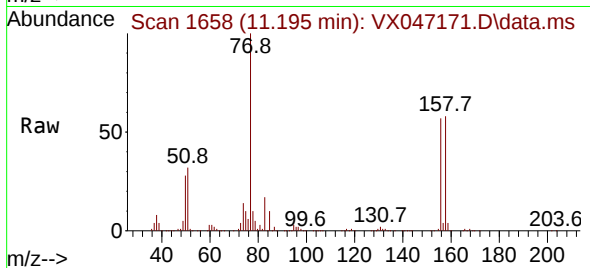
Tgt Ion: 75 Resp: 185393
Ion Ratio Lower Upper
75 100
77 40.5 21.6 65.0





#77
Bromobenzene
Concen: 48.698 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

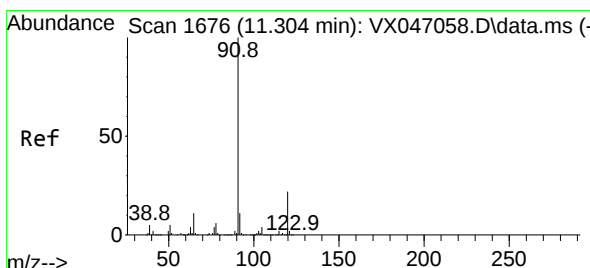
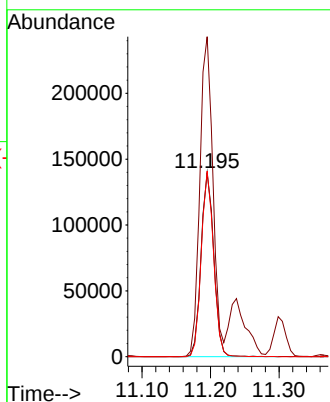
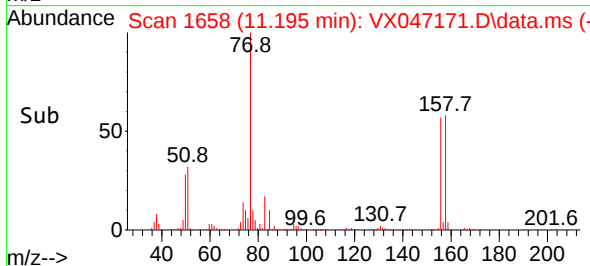
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



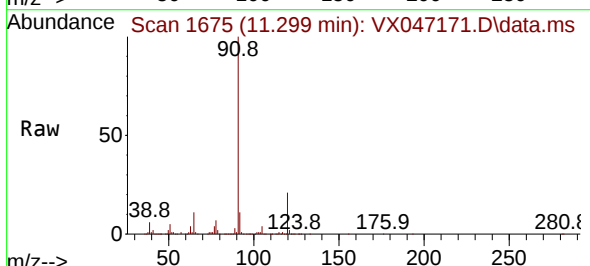
Tgt Ion:156 Resp: 181119
Ion Ratio Lower Upper
156 100
77 178.4 87.3 261.9
158 98.0 48.9 146.6

Manual Integrations
APPROVED

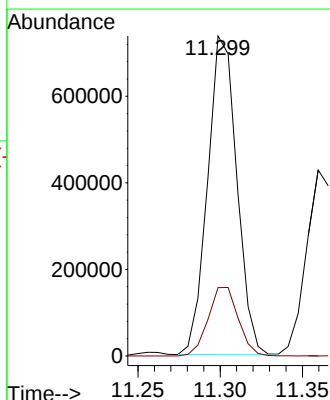
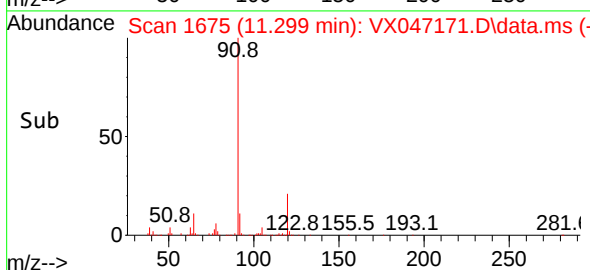
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

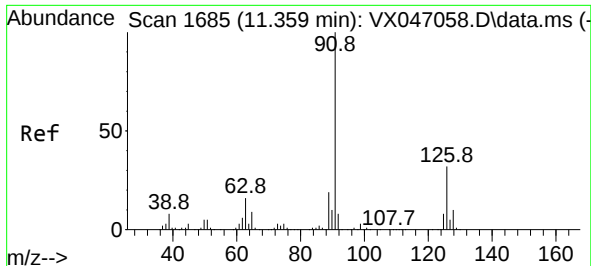


#78
n-propylbenzene
Concen: 49.192 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51



Tgt Ion: 91 Resp: 911525
Ion Ratio Lower Upper
91 100
120 22.2 11.0 33.0





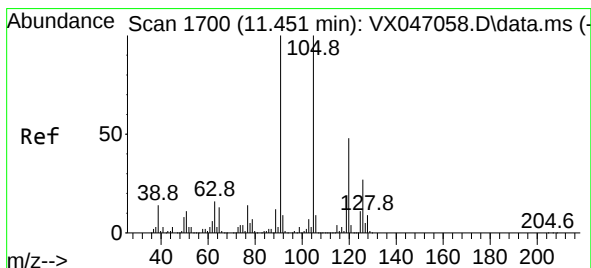
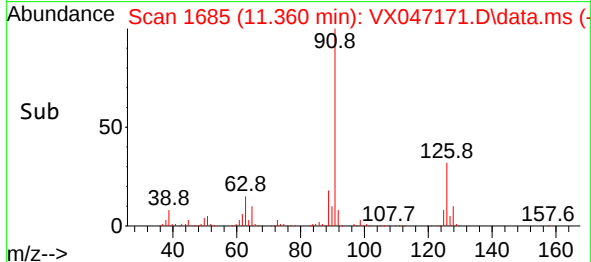
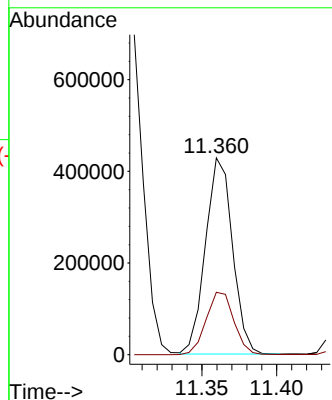
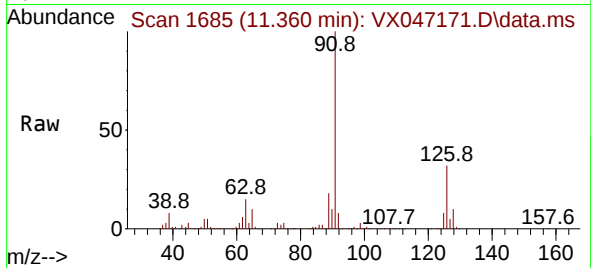
#79
2-Chlorotoluene
Concen: 48.627 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 538620
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.4

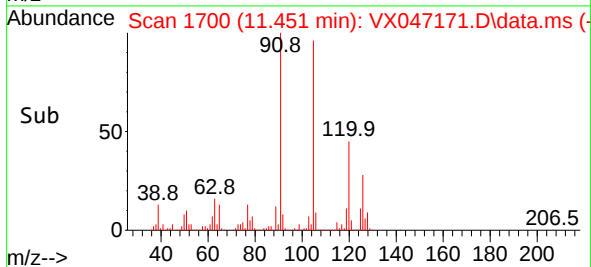
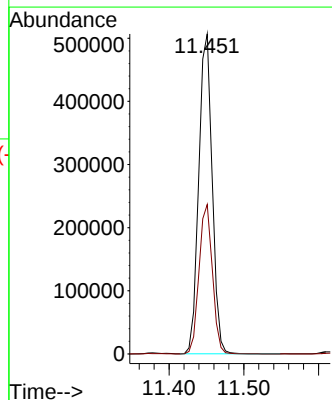
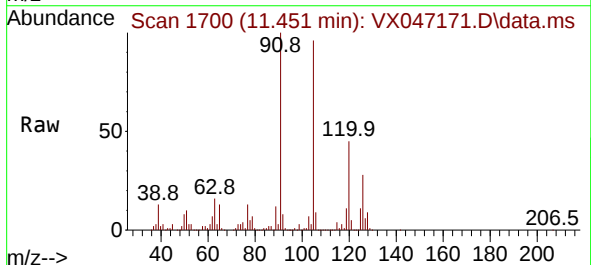
Manual Integrations
APPROVED

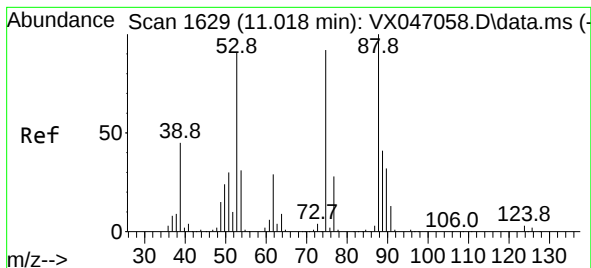
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.219 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

Tgt Ion:105 Resp: 630518
Ion Ratio Lower Upper
105 100
120 46.6 23.8 71.5





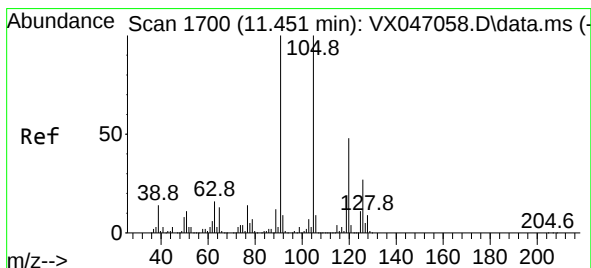
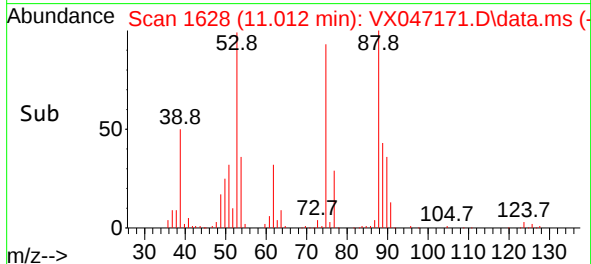
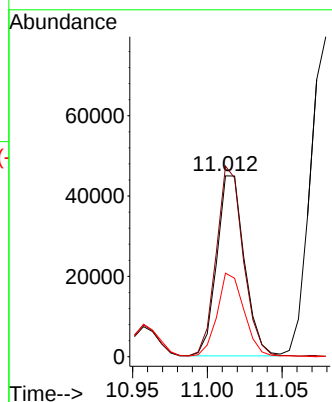
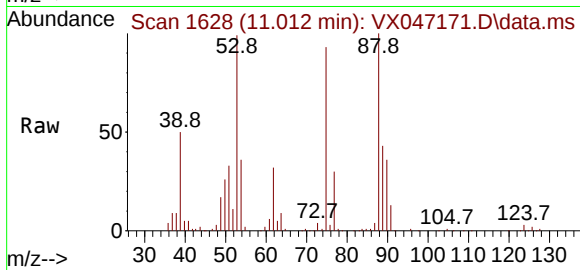
#81
trans-1,4-Dichloro-2-butene
Concen: 40.798 ug/l
RT: 11.012 min Scan# 1628
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 57608
Ion Ratio Lower Upper
75 100
53 102.7 84.2 126.4
89 45.7 36.0 54.0

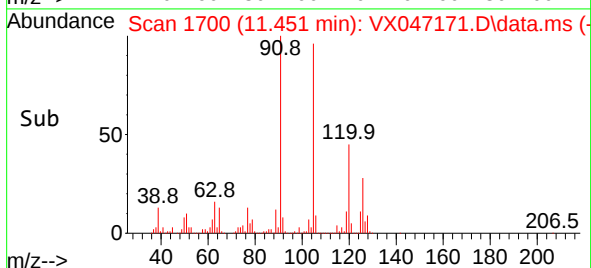
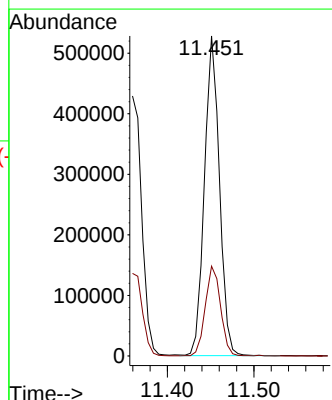
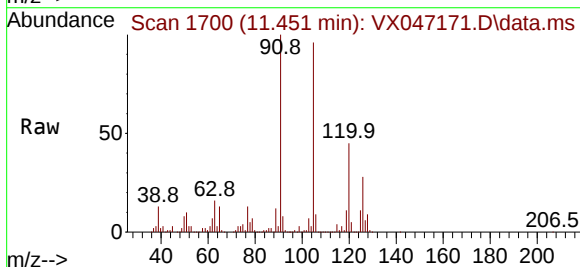
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#82
4-Chlorotoluene
Concen: 49.071 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

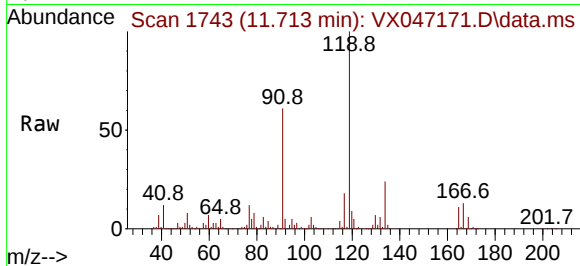
Tgt Ion: 91 Resp: 634420
Ion Ratio Lower Upper
91 100
126 28.5 14.1 42.3





#83
tert-Butylbenzene
Concen: 49.990 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

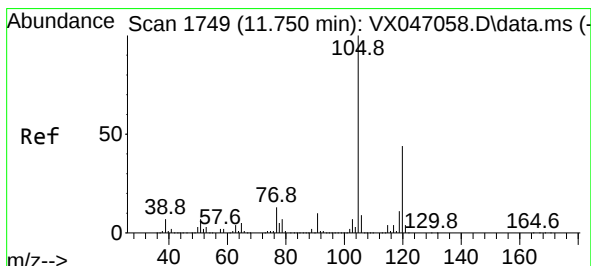
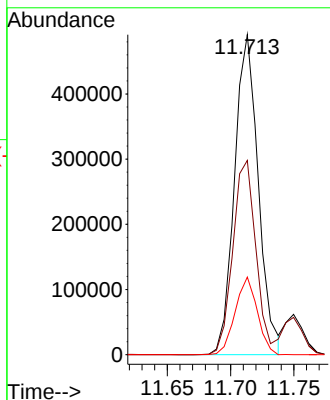
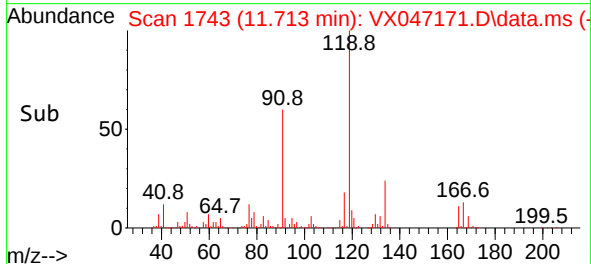
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



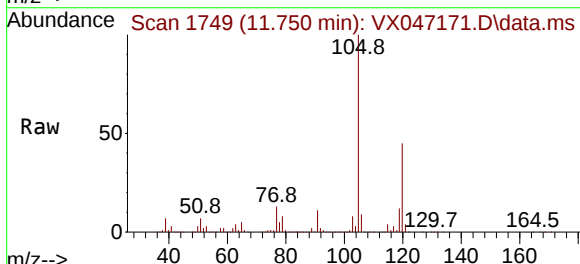
Tgt Ion:119 Resp: 64276
Ion Ratio Lower Upper
119 100
91 58.6 29.6 88.8
134 22.6 11.4 34.1

Manual Integrations
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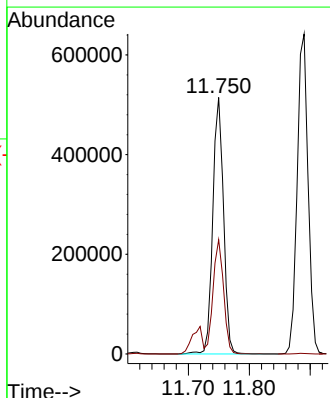
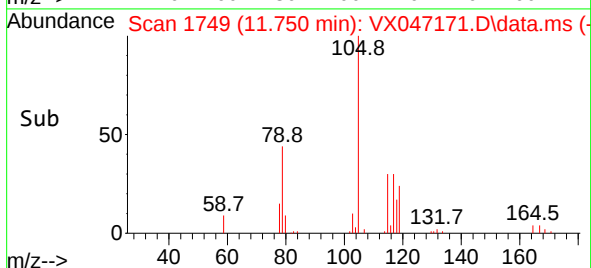
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

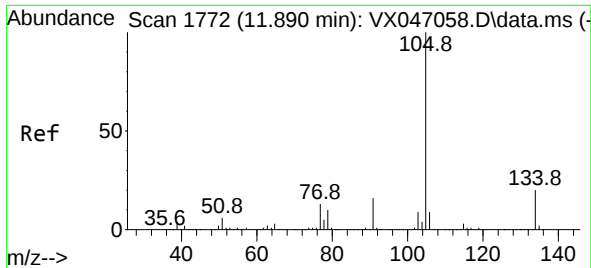


#84
1,2,4-Trimethylbenzene
Concen: 49.209 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51



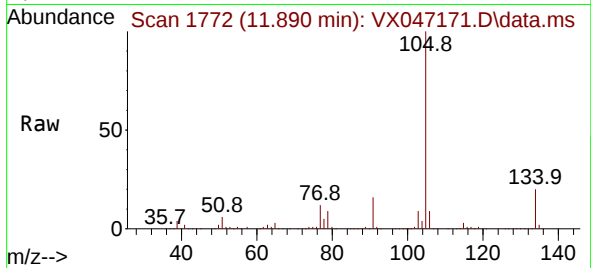
Tgt Ion:105 Resp: 628772
Ion Ratio Lower Upper
105 100
120 43.7 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 49.598 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047171.D
 Acq: 29 Jul 2025 09:51

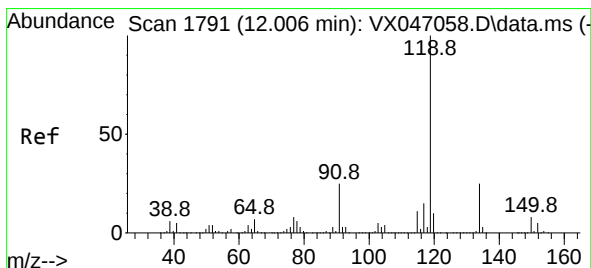
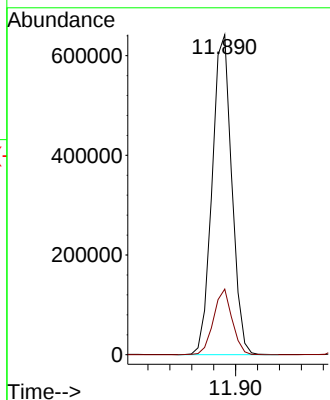
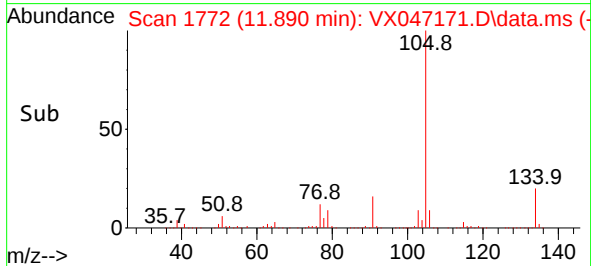
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



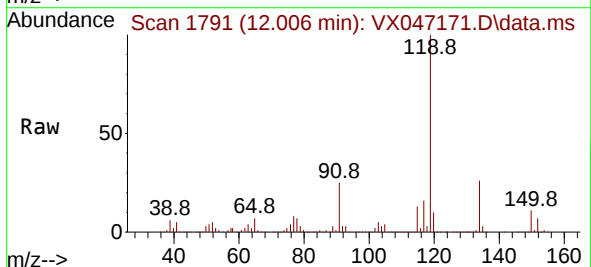
Tgt Ion:105 Resp: 796815
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.9 29.7

Manual Integrations
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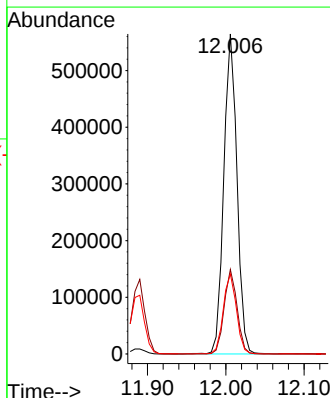
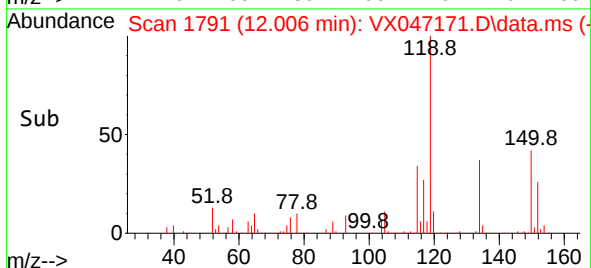
Reviewed By :John Carlone 07/30/2025
 Supervised By :Mahesh Dadoda 07/30/2025

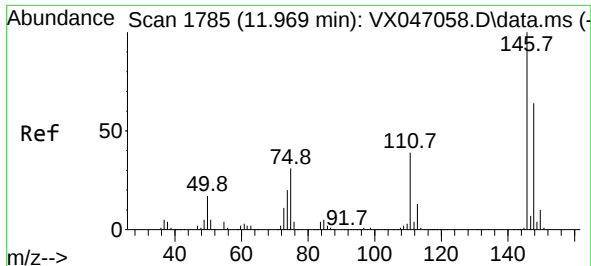


#86
 p-Isopropyltoluene
 Concen: 49.663 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047171.D
 Acq: 29 Jul 2025 09:51



Tgt Ion:119 Resp: 661637
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.4
 91 25.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.497 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX047171.D

Acq: 29 Jul 2025 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 342718

Ion Ratio Lower Upper

146 100

111 41.9 21.0 63.0

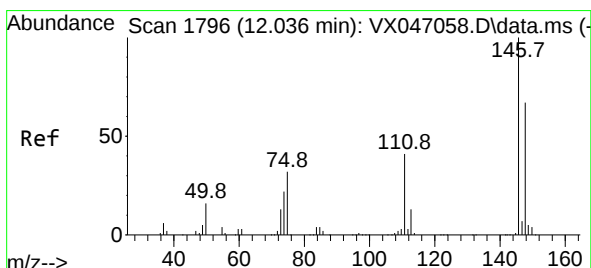
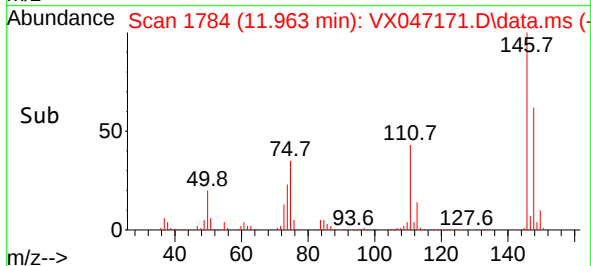
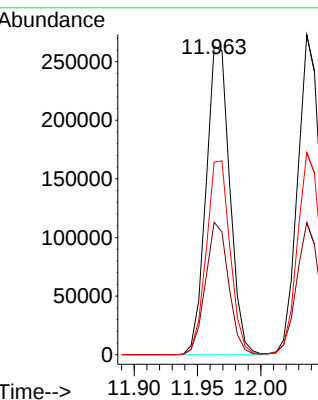
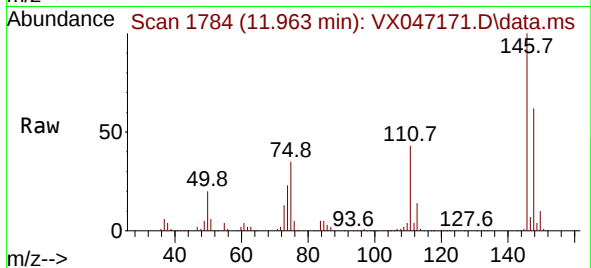
148 62.9 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#88

1,4-Dichlorobenzene

Concen: 47.281 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047171.D

Acq: 29 Jul 2025 09:51

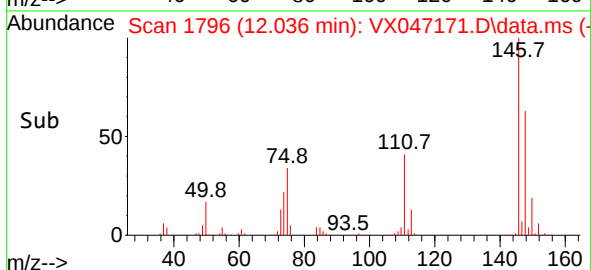
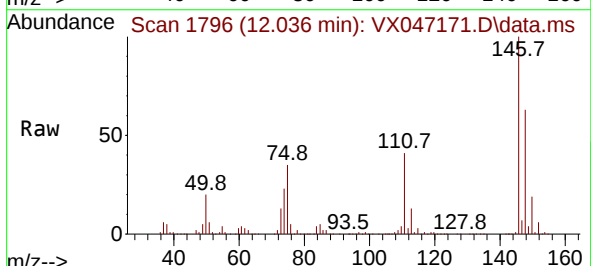
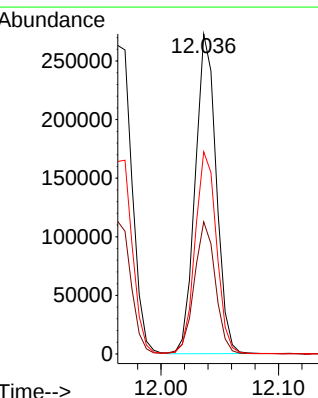
Tgt Ion:146 Resp: 338515

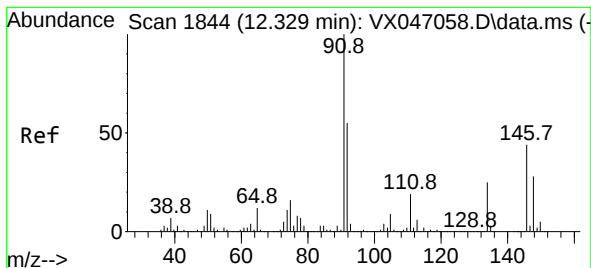
Ion Ratio Lower Upper

146 100

111 41.8 20.6 61.9

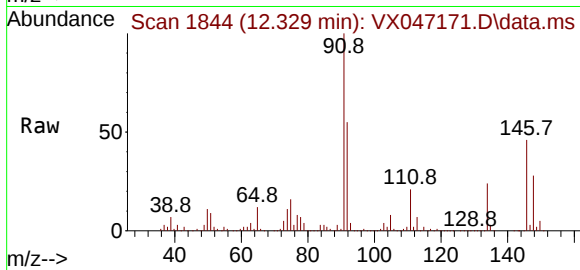
148 65.0 33.0 98.9





#89
n-Butylbenzene
Concen: 50.278 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

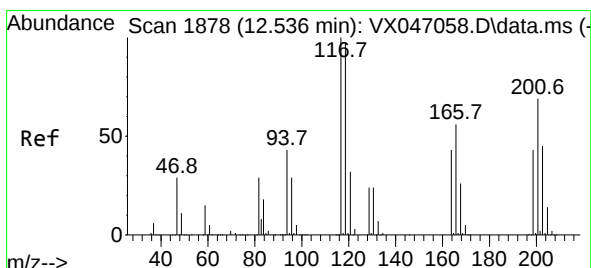
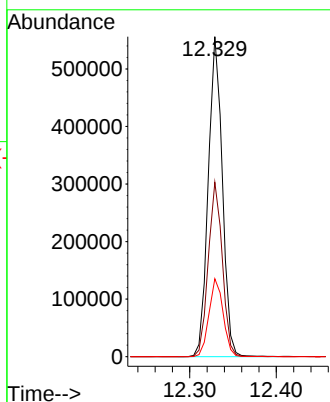
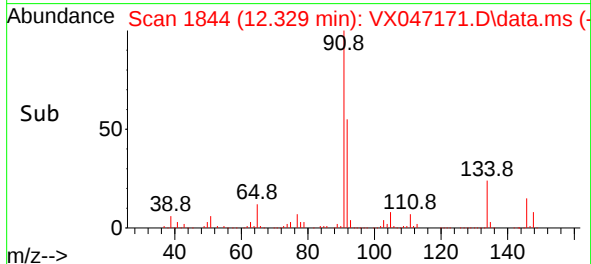
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 62816
Ion Ratio Lower Upper
91 100
92 54.4 27.5 82.5
134 24.6 12.8 38.3

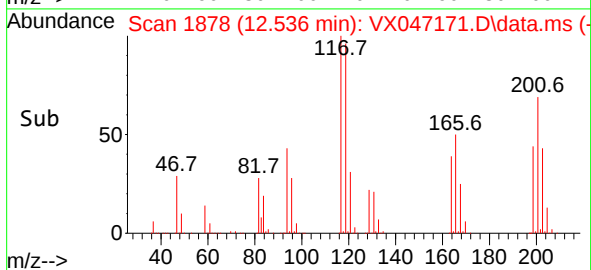
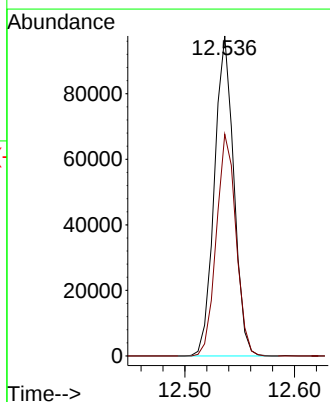
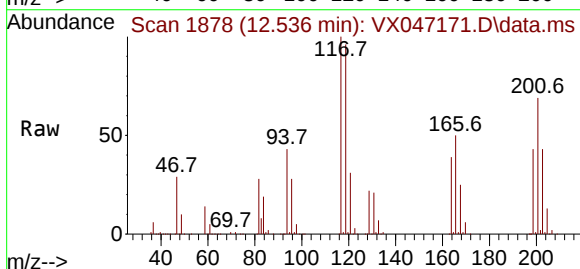
Manual Integrations
APPROVED

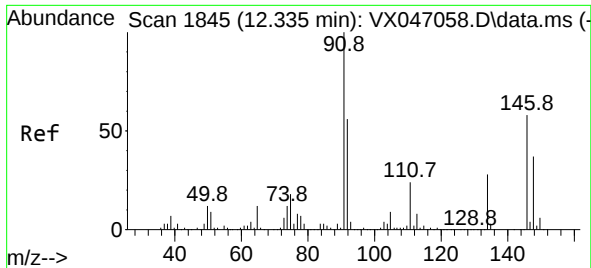
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#90
Hexachloroethane
Concen: 50.420 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

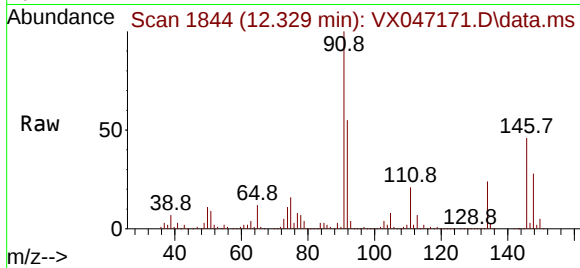
Tgt Ion:117 Resp: 120168
Ion Ratio Lower Upper
117 100
201 70.2 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 48.694 ug/l
RT: 12.329 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

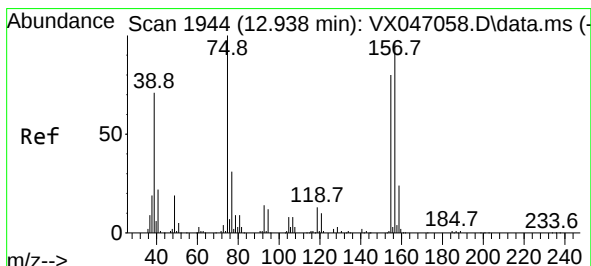
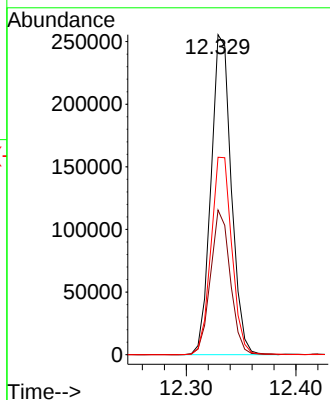
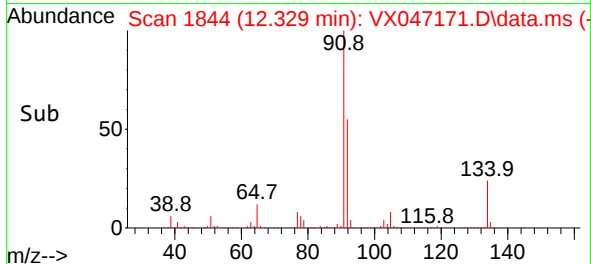
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 32884
Ion Ratio Lower Upper
146 100
111 43.9 21.6 64.6
148 63.6 31.9 95.7

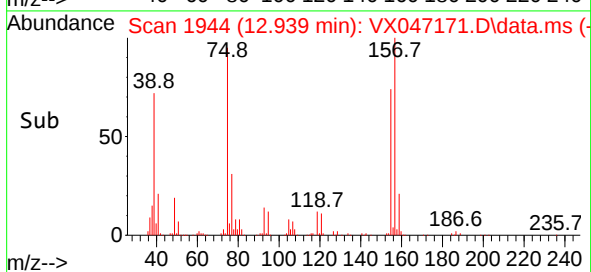
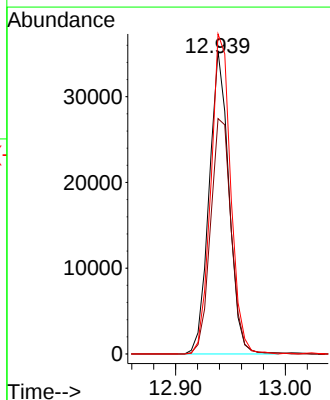
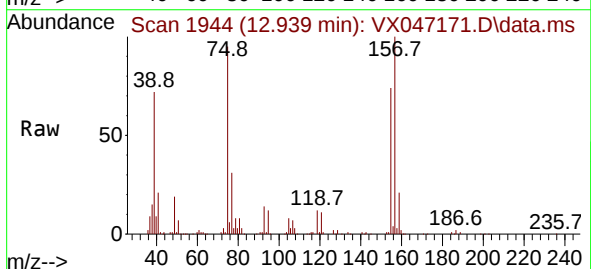
Manual Integrations
APPROVED

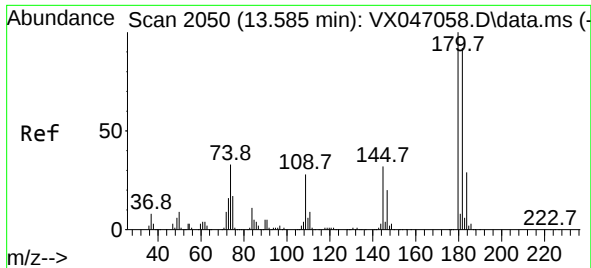
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.076 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

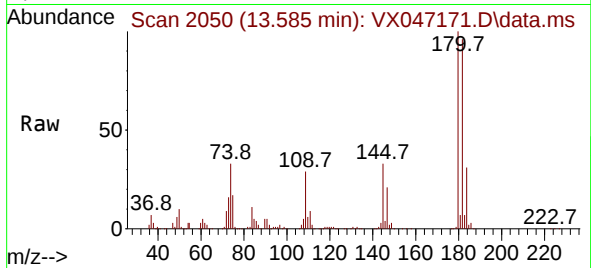
Tgt Ion: 75 Resp: 44276
Ion Ratio Lower Upper
75 100
155 81.4 41.3 124.1
157 105.9 52.8 158.3





#93
1,2,4-Trichlorobenzene
Concen: 49.006 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

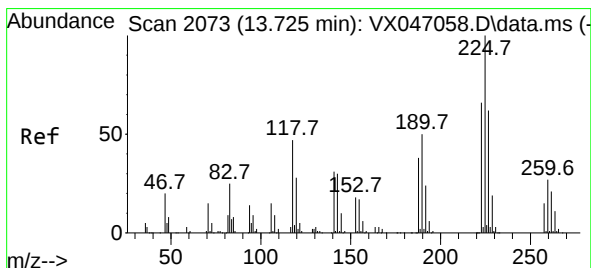
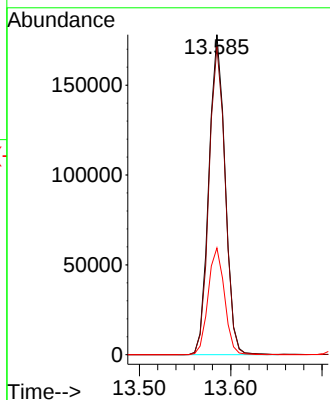
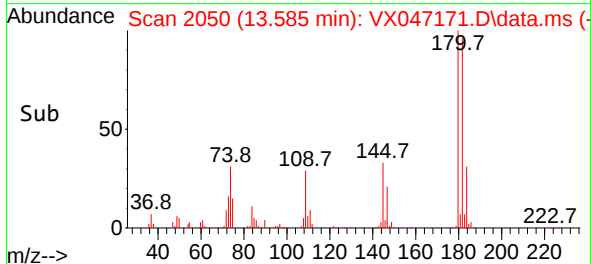
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 218689
Ion Ratio Lower Upper
180 100
182 96.8 47.3 141.8
145 33.7 16.4 49.1

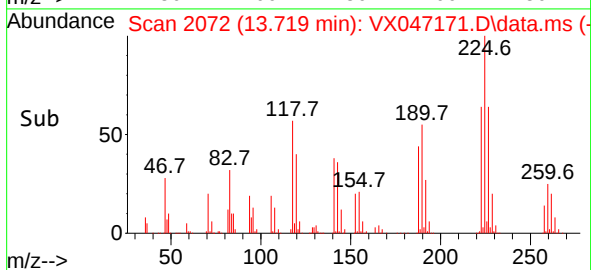
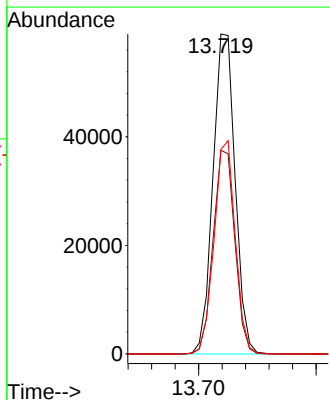
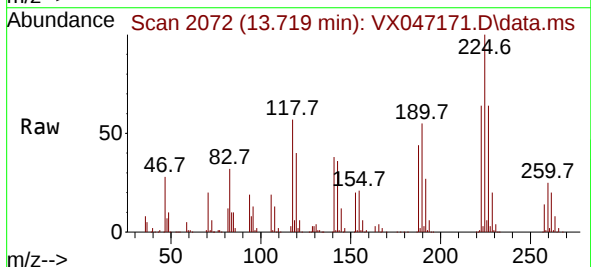
Manual Integrations
APPROVED

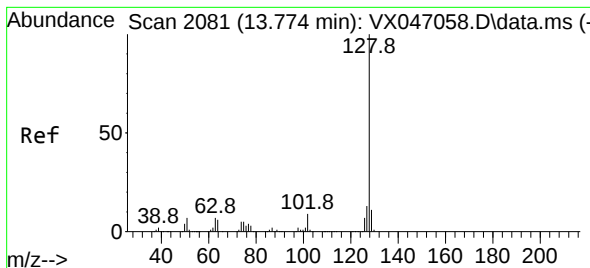
Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#94
Hexachlorobutadiene
Concen: 50.827 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

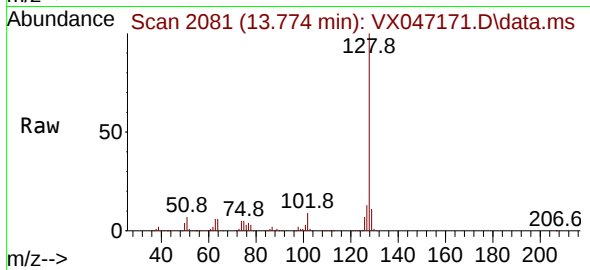
Tgt Ion:225 Resp: 77137
Ion Ratio Lower Upper
225 100
223 62.5 31.6 95.0
227 63.8 32.9 98.6





#95
Naphthalene
Concen: 51.536 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51

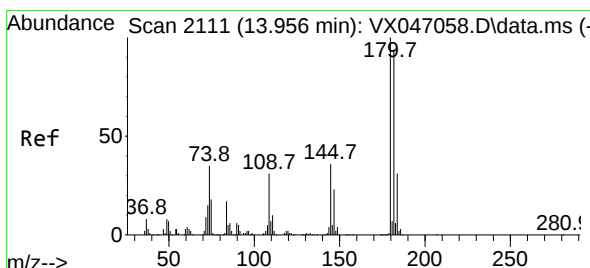
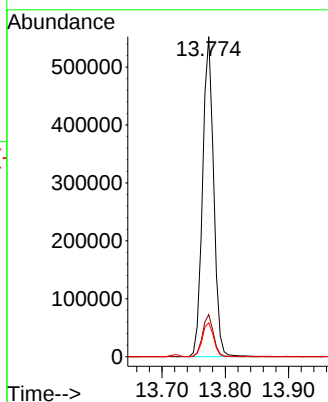
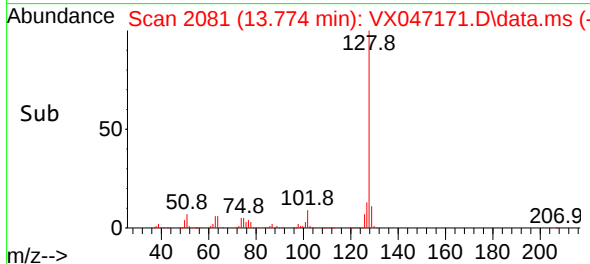
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



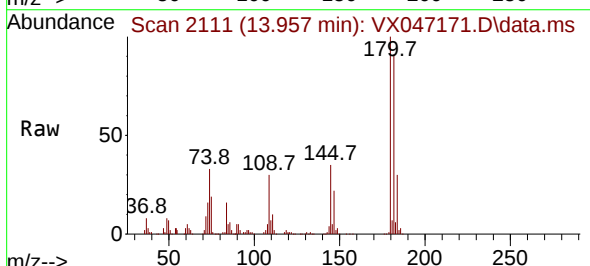
Tgt Ion:128 Resp: 67419
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#96
1,2,3-Trichlorobenzene
Concen: 48.899 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047171.D
Acq: 29 Jul 2025 09:51



Tgt Ion:180 Resp: 210219
Ion Ratio Lower Upper
180 100
182 93.3 46.9 140.6
145 34.7 17.3 52.0

