

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073025\
 Data File : VX047179.D
 Acq On : 30 Jul 2025 09:14
 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 07/31/2025
 Supervised By : Mahesh Dadoda 07/31/2025

Quant Time: Jul 31 03:12:29 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	5.556	168	284486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	498230	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	431603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	200484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	194686	54.937	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.880%			
35) Dibromofluoromethane	5.391	113	167375	54.409	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.820%			
50) Toluene-d8	8.647	98	498746	50.063	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.120%			
62) 4-Bromofluorobenzene	11.079	95	220154	51.280	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	200111	52.958	ug/l	97
3) Chloromethane	1.313	50	174323	46.638	ug/l	98
4) Vinyl Chloride	1.392	62	214724	53.441	ug/l	97
5) Bromomethane	1.630	94	100854	46.208	ug/l	97
6) Chloroethane	1.703	64	123550	46.818	ug/l	99
7) Trichlorofluoromethane	1.904	101	310898	51.891	ug/l	94
8) Diethyl Ether	2.142	74	109386	51.781	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	178836	49.544	ug/l	99
10) Methyl Iodide	2.471	142	263791	71.705	ug/l	98
11) Tert butyl alcohol	2.953	59	104930	253.432	ug/l	98
12) 1,1-Dichloroethene	2.337	96	181234	50.692	ug/l	97
13) Acrolein	2.245	56	163997	214.925	ug/l	99
14) Allyl chloride	2.678	41	279986	43.324	ug/l	96
15) Acrylonitrile	3.075	53	440137	260.415	ug/l	99
16) Acetone	2.386	43	387042	272.631	ug/l	99
17) Carbon Disulfide	2.526	76	480452	46.453	ug/l	99
18) Methyl Acetate	2.709	43	223455	59.230	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	578403	53.159	ug/l	99
20) Methylene Chloride	2.800	84	194681	49.847	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	180767	49.410	ug/l	96
22) Diisopropyl ether	3.763	45	649628	52.284	ug/l	99
23) Vinyl Acetate	3.727	43	2588039	259.695	ug/l	99
24) 1,1-Dichloroethane	3.617	63	350802	50.773	ug/l	99
25) 2-Butanone	4.556	43	522409	252.721	ug/l	100
26) 2,2-Dichloropropane	4.483	77	121207	22.662	ug/l	92
27) cis-1,2-Dichloroethene	4.495	96	213056	49.179	ug/l	95
28) Bromochloromethane	4.903	49	178465	56.144	ug/l	100
29) Tetrahydrofuran	5.013	42	326788	245.015	ug/l	98
30) Chloroform	5.099	83	349187	49.649	ug/l	98
31) Cyclohexane	5.477	56	308190	46.520	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	303825	49.735	ug/l	99
36) 1,1-Dichloropropene	5.696	75	239295	45.635	ug/l	99
37) Ethyl Acetate	4.714	43	240826	49.841	ug/l	99
38) Carbon Tetrachloride	5.684	117	267249	47.751	ug/l	99
39) Methylcyclohexane	7.379	83	286647	43.783	ug/l	99
40) Benzene	6.043	78	715734	47.164	ug/l	100

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	119486	47.295	ug/l #	94
42) 1,2-Dichloroethane	6.086	62	255921	47.875	ug/l	99
43) Isopropyl Acetate	6.336	43	383592	50.924	ug/l	99
44) Trichloroethene	7.129	130	178870	45.965	ug/l	100
45) 1,2-Dichloropropane	7.427	63	179936	47.342	ug/l	99
46) Dibromomethane	7.580	93	128792	48.321	ug/l	100
47) Bromodichloromethane	7.818	83	273391	48.190	ug/l	98
48) Methyl methacrylate	7.690	41	195927	47.745	ug/l	100
49) 1,4-Dioxane	7.720	88	47915	1026.617	ug/l #	91
51) 4-Methyl-2-Pentanone	8.567	43	1081242	241.492	ug/l	100
52) Toluene	8.714	92	437026	46.836	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	228261	42.608	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	248613	42.401	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	165025	47.159	ug/l	98
56) Ethyl methacrylate	9.116	69	260917	50.365	ug/l	99
57) 1,3-Dichloropropane	9.305	76	283684	46.645	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	694114	240.779	ug/l	99
59) 2-Hexanone	9.427	43	736788	249.075	ug/l	100
60) Dibromochloromethane	9.518	129	201048	48.987	ug/l	100
61) 1,2-Dibromoethane	9.604	107	169478	46.318	ug/l	99
64) Tetrachloroethene	9.269	164	144282	46.372	ug/l	93
65) Chlorobenzene	10.073	112	473446	46.825	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	166141	48.805	ug/l	98
67) Ethyl Benzene	10.189	91	830589	46.983	ug/l	100
68) m/p-Xylenes	10.299	106	620604	93.807	ug/l	99
69) o-Xylene	10.640	106	300344	47.722	ug/l	100
70) Styrene	10.652	104	516250	47.836	ug/l	99
71) Bromoform	10.799	173	129072	49.914	ug/l #	99
73) Isopropylbenzene	10.957	105	791438	50.037	ug/l	100
74) N-amyl acetate	10.841	43	324309	50.817	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	228063	50.478	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	182817m	49.265	ug/l	
77) Bromobenzene	11.195	156	187075	49.311	ug/l	99
78) n-propylbenzene	11.299	91	925597	48.971	ug/l	99
79) 2-Chlorotoluene	11.360	91	550815	48.751	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	644226	49.301	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	42262	29.342	ug/l	98
82) 4-Chlorotoluene	11.451	91	644589	48.878	ug/l	100
83) tert-Butylbenzene	11.713	119	664590	50.672	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	646941	49.636	ug/l	99
85) sec-Butylbenzene	11.890	105	807089	49.251	ug/l	100
86) p-Isopropyltoluene	12.006	119	665750	48.990	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	349759	48.521	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	342727	46.929	ug/l	98
89) n-Butylbenzene	12.329	91	614268	48.200	ug/l	99
90) Hexachloroethane	12.536	117	122115	50.230	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	331959	48.184	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	46519	53.640	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	219262	48.170	ug/l	99
94) Hexachlorobutadiene	13.719	225	74751	48.287	ug/l	97
95) Naphthalene	13.774	128	699197	52.397	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	215322	49.102	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

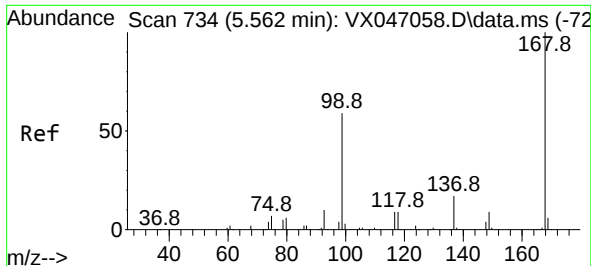
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

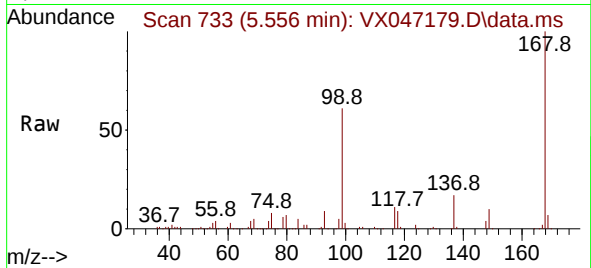
Quant Time: Jul 31 03:12:29 2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047179.D
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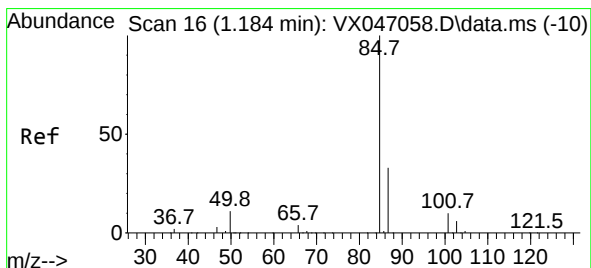
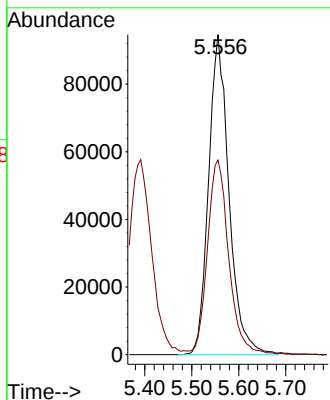
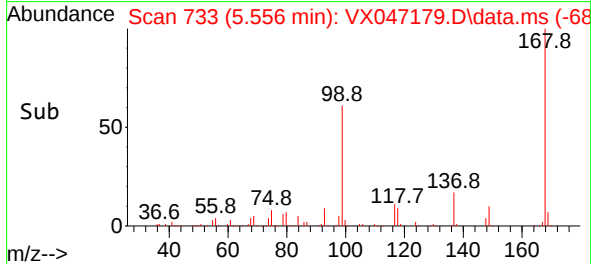
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 284480
Ion Ratio Lower Upper
168 100
99 60.5 48.0 72.0

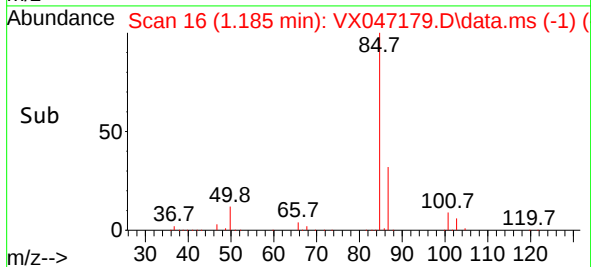
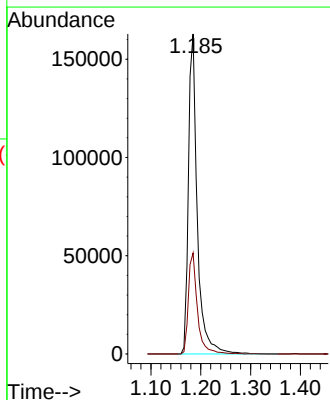
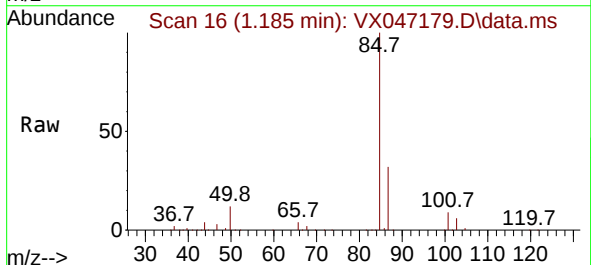
Manual Integrations
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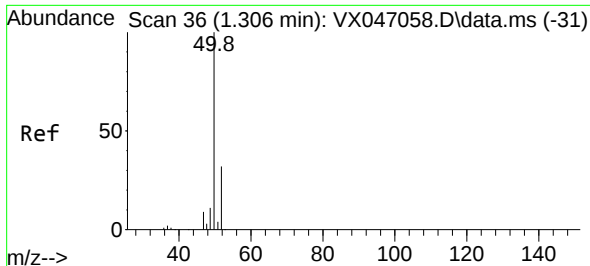
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#2
Dichlorodifluoromethane
Concen: 52.958 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

Tgt Ion: 85 Resp: 200111
Ion Ratio Lower Upper
85 100
87 31.6 16.6 49.8





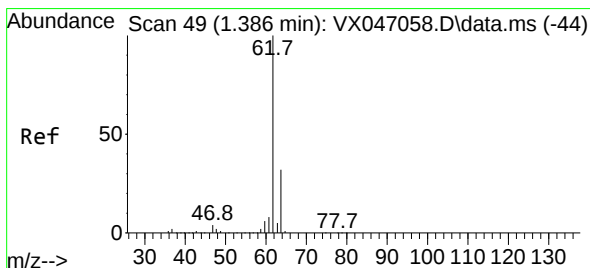
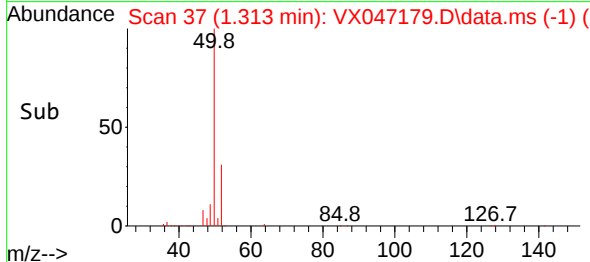
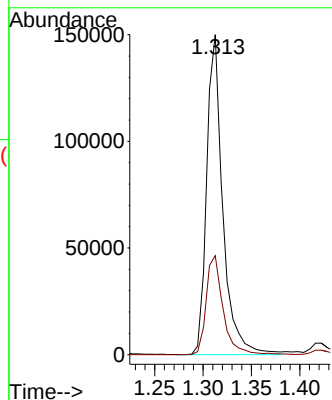
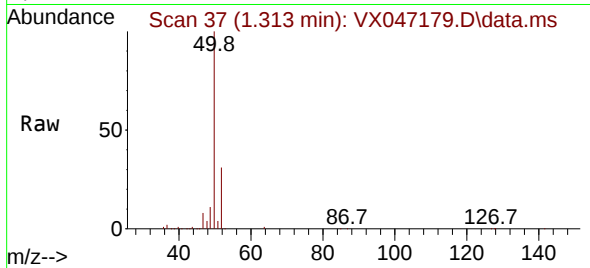
#3
Chloromethane
Concen: 46.638 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 17432
Ion Ratio Lower Upper
50 100
52 30.9 25.4 38.2

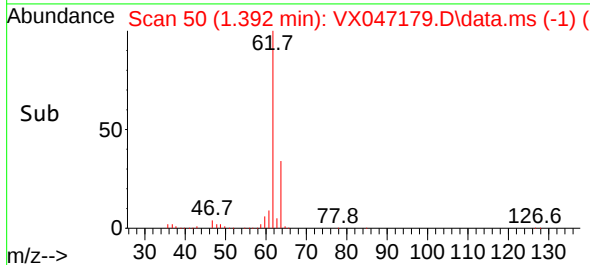
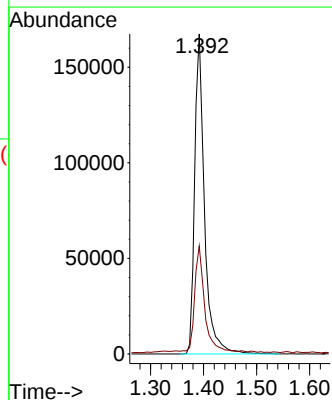
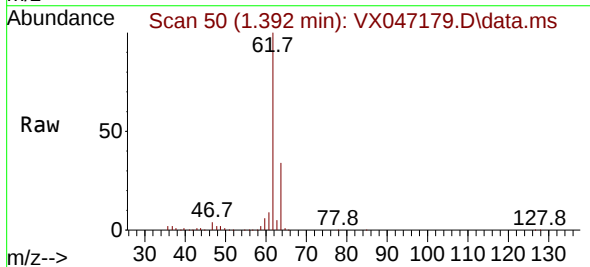
Manual Integrations
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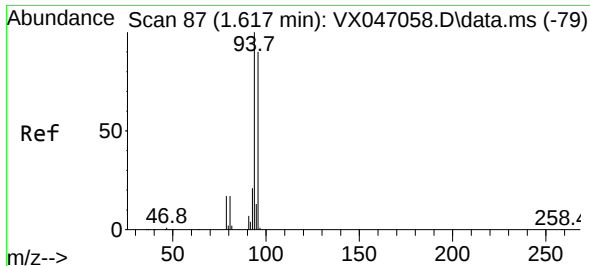
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#4
Vinyl Chloride
Concen: 53.441 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

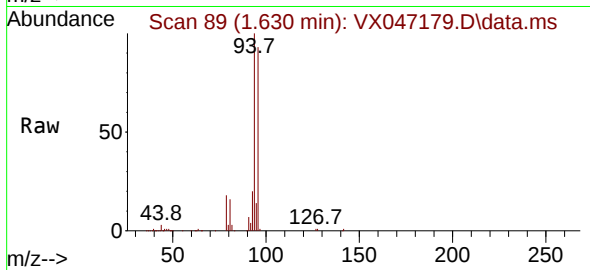
Tgt Ion: 62 Resp: 214724
Ion Ratio Lower Upper
62 100
64 33.3 25.2 37.8





#5
Bromomethane
Concen: 46.208 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.012 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

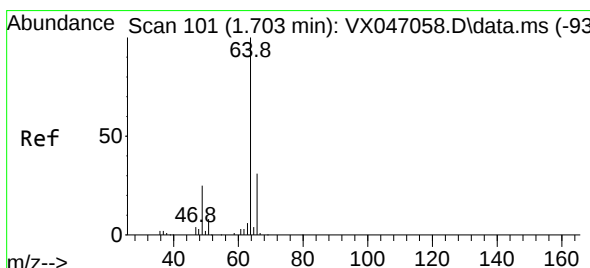
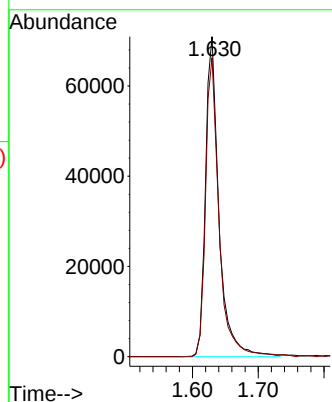
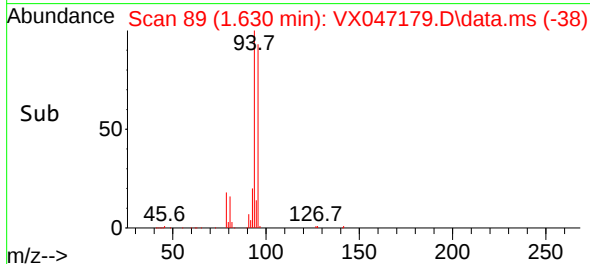
Instrument :
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Tgt Ion: 94 Resp: 100854
Ion Ratio Lower Upper
94 100
96 93.5 72.3 108.5

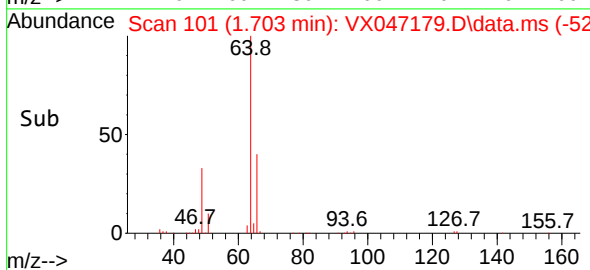
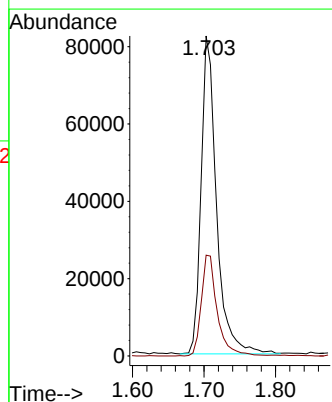
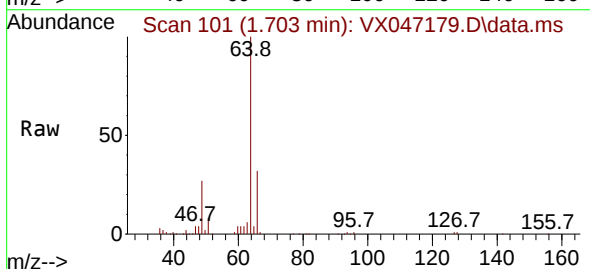
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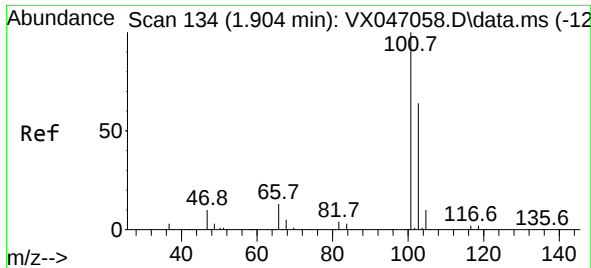
Reviewed By :John Carlone 07/31/2025
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#6
Chloroethane
Concen: 46.818 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

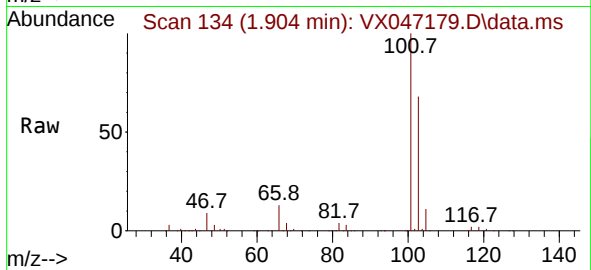
Tgt Ion: 64 Resp: 123550
Ion Ratio Lower Upper
64 100
66 31.6 25.0 37.6





#7
Trichlorofluoromethane
Concen: 51.891 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

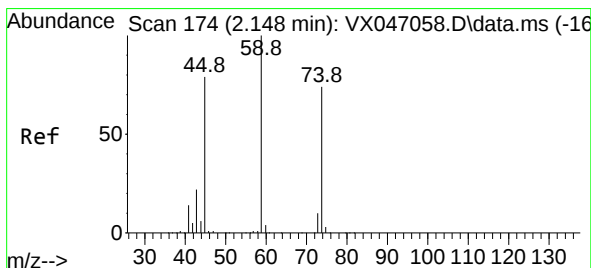
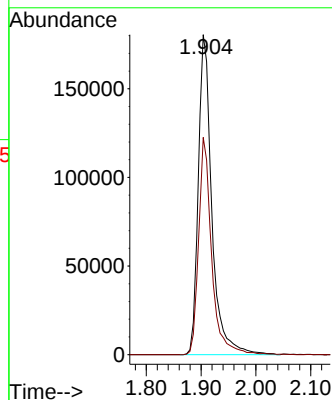
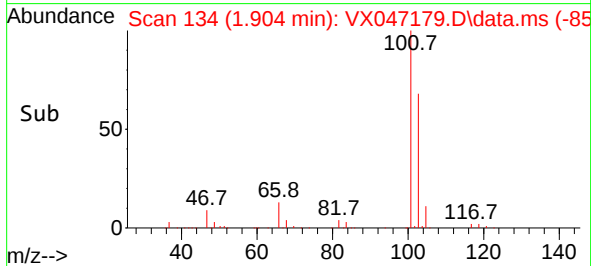
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 310898
Ion Ratio Lower Upper
101 100
103 67.9 50.9 76.3

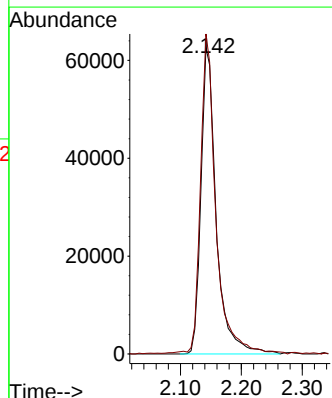
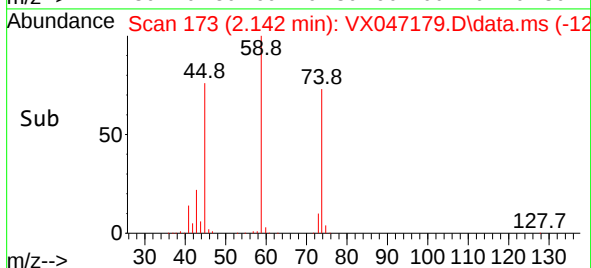
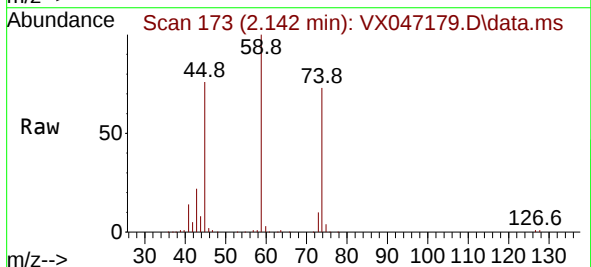
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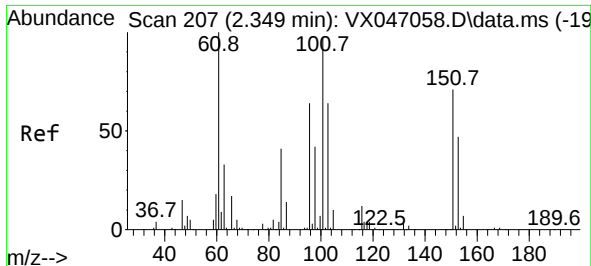
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#8
Diethyl Ether
Concen: 51.781 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX047179.D
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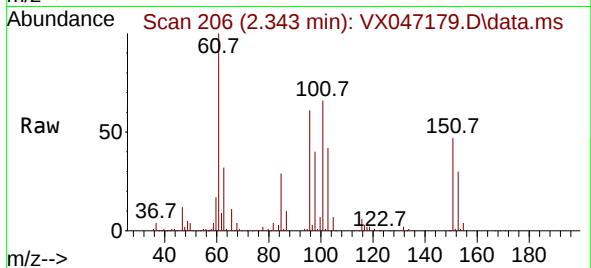
Tgt Ion: 74 Resp: 109386
Ion Ratio Lower Upper
74 100
45 105.6 53.0 159.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.544 ug/l
RT: 2.343 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

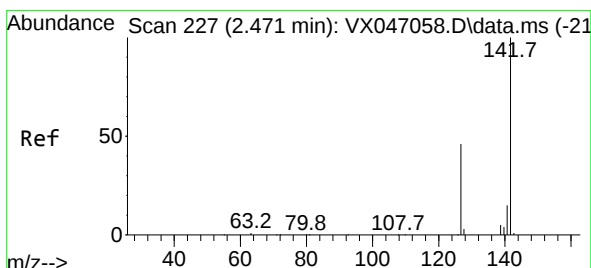
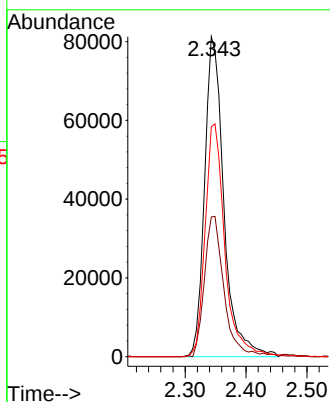
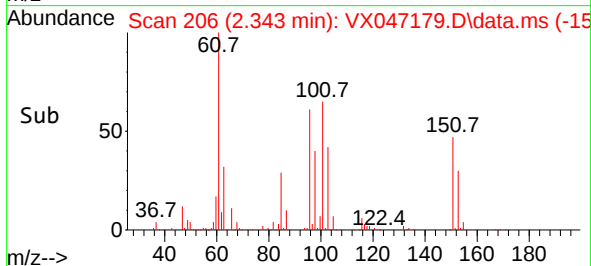
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 178830
Ion Ratio Lower Upper
101 100
85 44.9 35.4 53.0
151 74.6 59.2 88.8

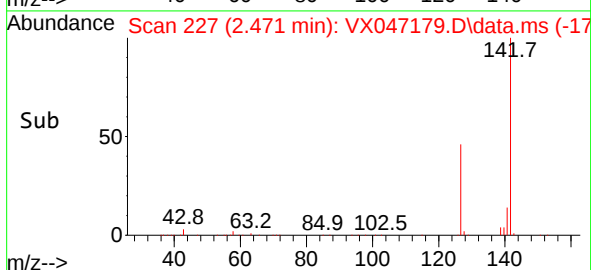
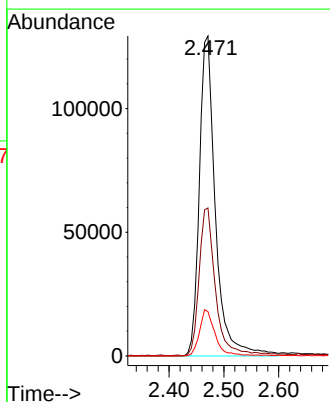
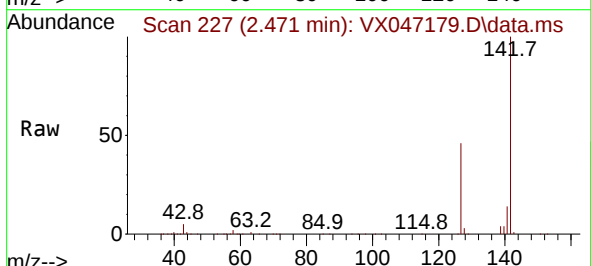
Manual Integrations
APPROVED

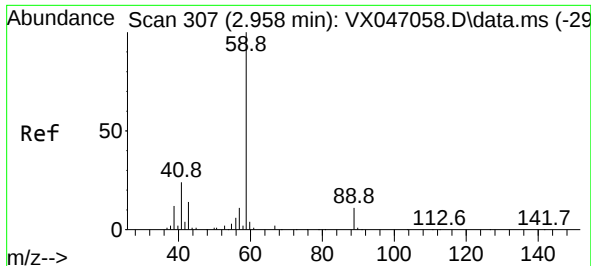
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#10
Methyl Iodide
Concen: 71.705 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

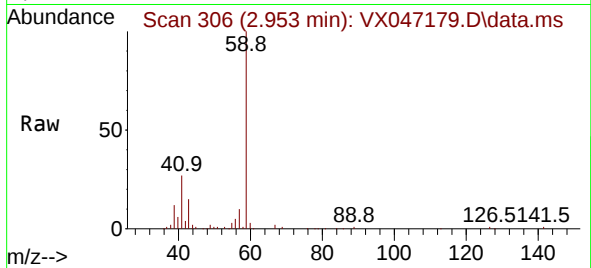
Tgt Ion:142 Resp: 263791
Ion Ratio Lower Upper
142 100
127 47.5 36.6 54.8
141 14.2 10.9 16.3





#11
Tert butyl alcohol
Concen: 253.432 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.005 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

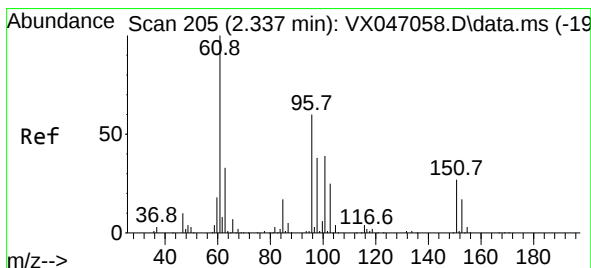
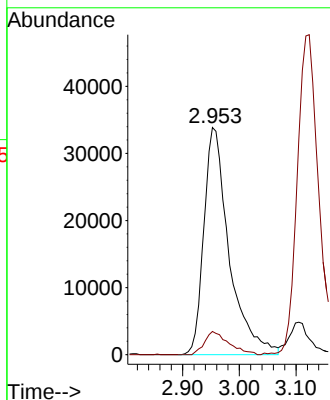
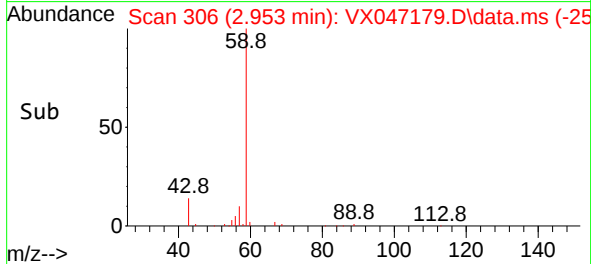
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



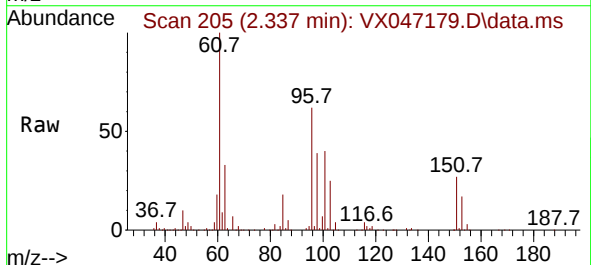
Tgt Ion: 59 Resp: 104930
Ion Ratio Lower Upper
59 100
57 9.8 8.5 12.7

Manual Integrations
APPROVED

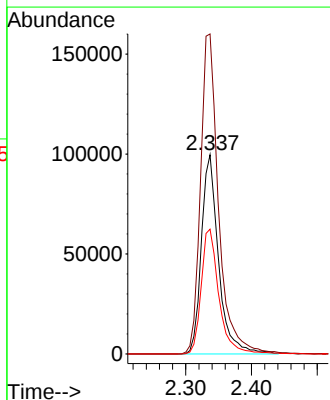
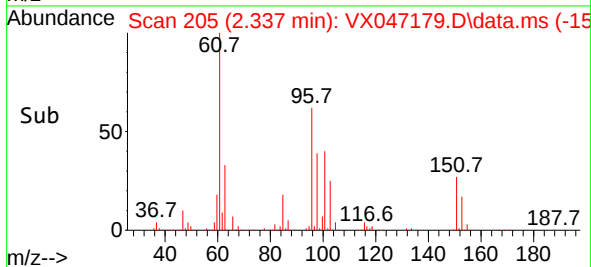
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

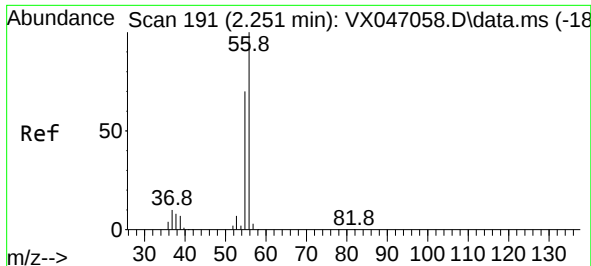


#12
1,1-Dichloroethene
Concen: 50.692 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14



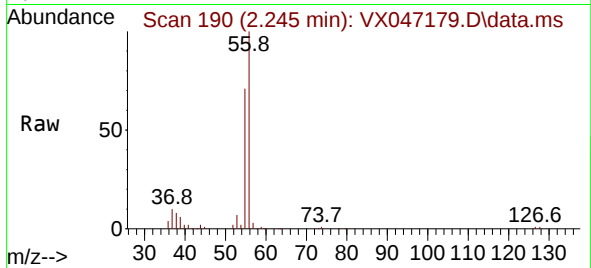
Tgt Ion: 96 Resp: 181234
Ion Ratio Lower Upper
96 100
61 160.7 132.6 198.8
98 62.7 50.2 75.4





#13
Acrolein
Concen: 214.925 ug/l
RT: 2.245 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

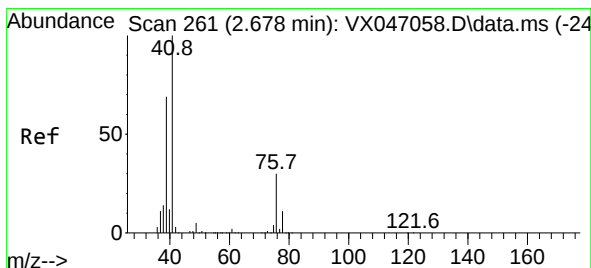
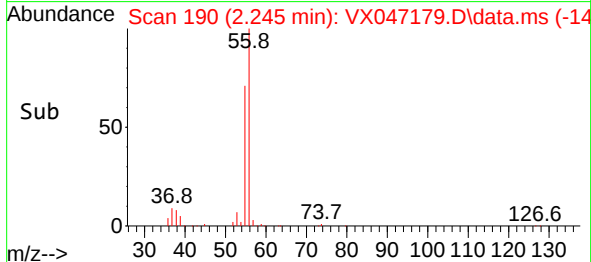
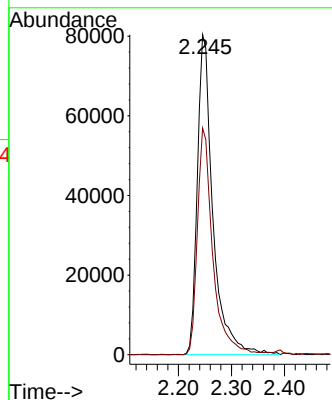
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 163997
Ion Ratio Lower Upper
56 100
55 70.1 55.7 83.5

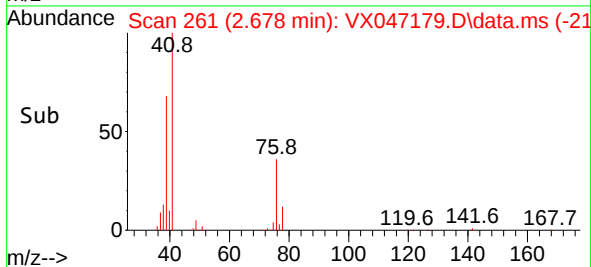
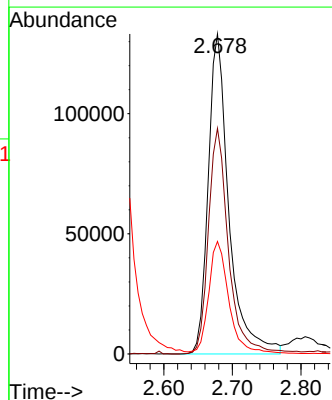
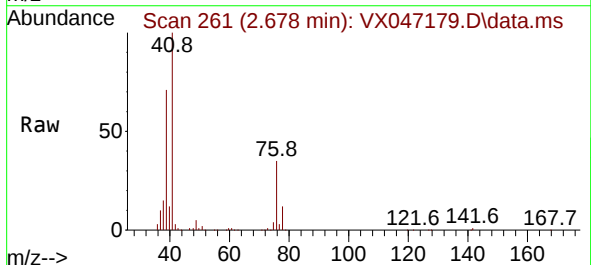
Manual Integrations
APPROVED

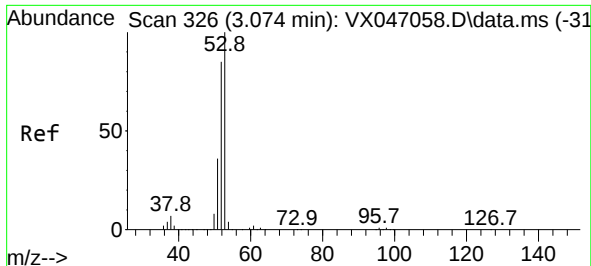
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#14
Allyl chloride
Concen: 43.324 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

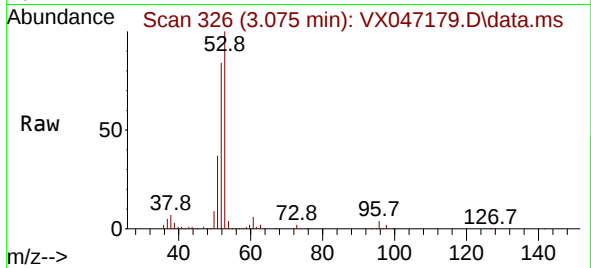
Tgt Ion: 41 Resp: 279986
Ion Ratio Lower Upper
41 100
39 68.8 52.6 78.8
76 34.3 25.7 38.5





#15
Acrylonitrile
Concen: 260.415 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

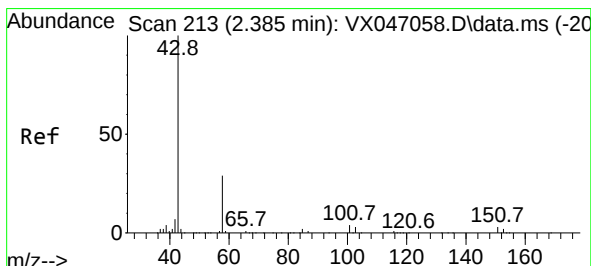
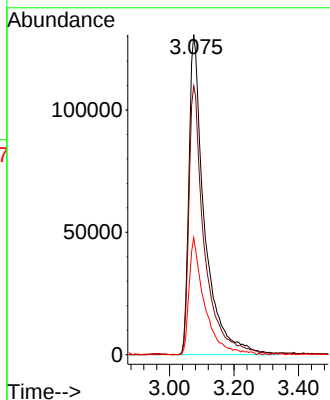
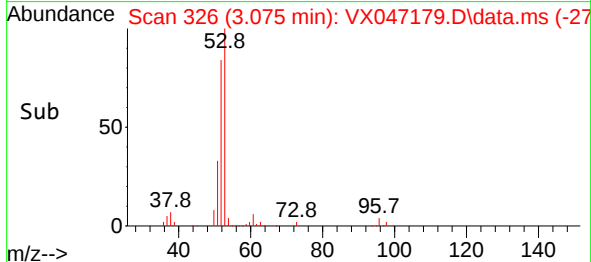
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 44013
Ion Ratio Lower Upper
53 100
52 83.0 65.7 98.5
51 36.3 28.8 43.2

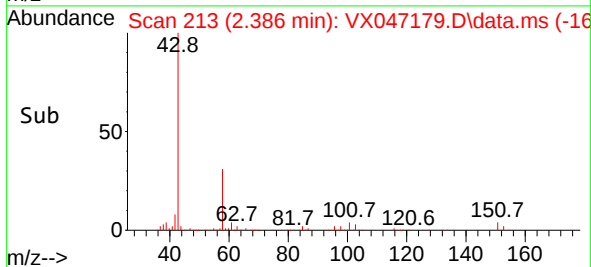
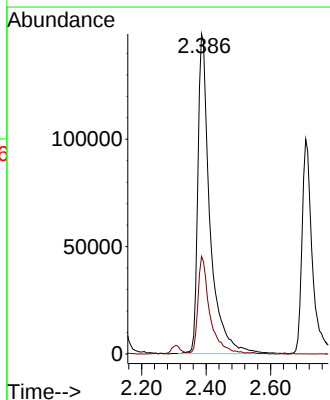
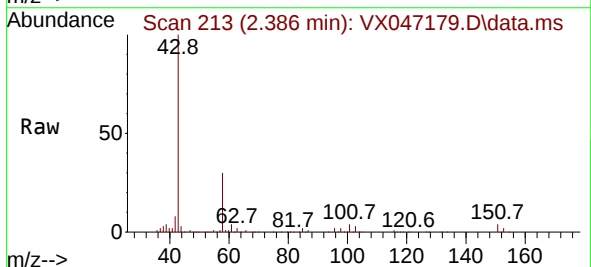
Manual Integrations
APPROVED

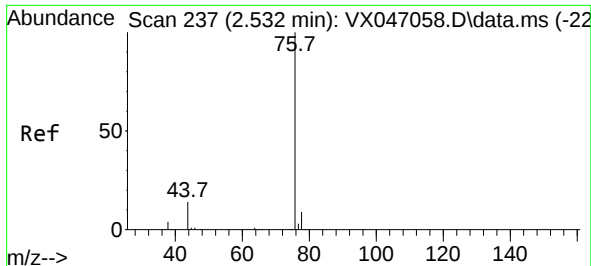
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#16
Acetone
Concen: 272.631 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

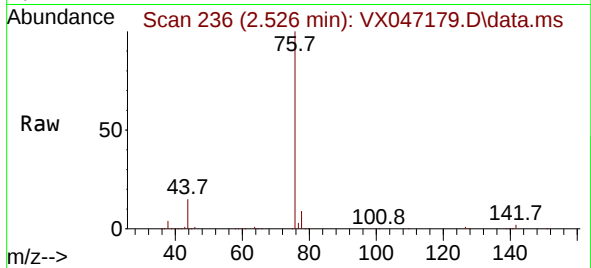
Tgt Ion: 43 Resp: 387042
Ion Ratio Lower Upper
43 100
58 30.5 24.0 36.0





#17
Carbon Disulfide
Concen: 46.453 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

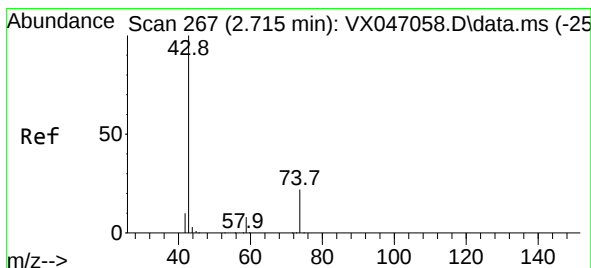
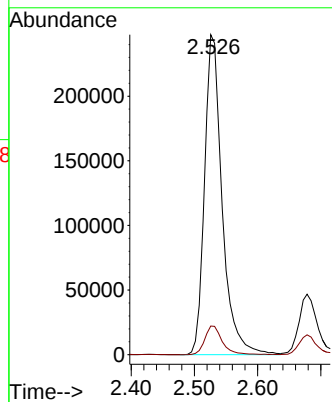
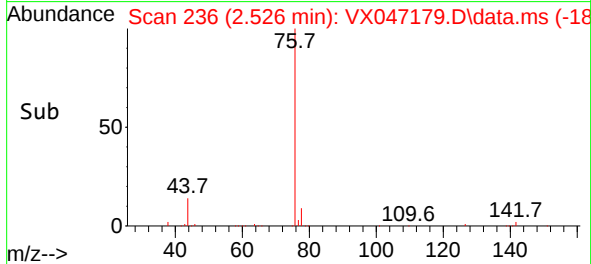
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 480452
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

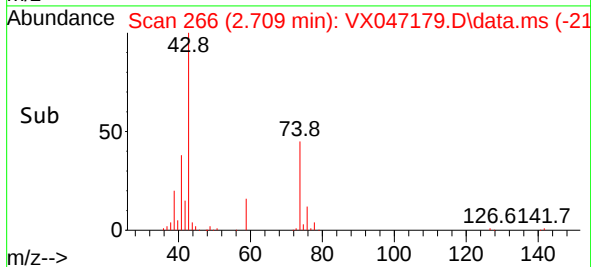
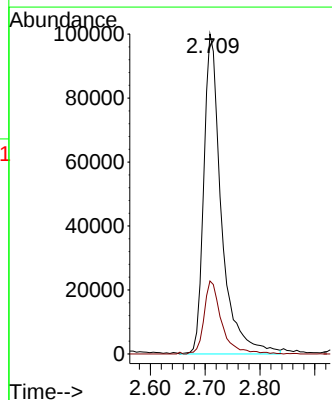
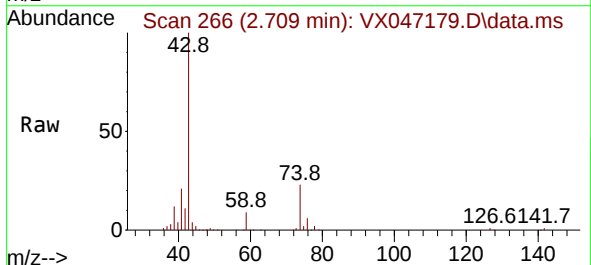
Manual Integrations
APPROVED

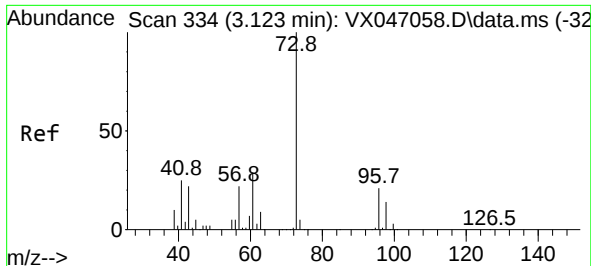
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#18
Methyl Acetate
Concen: 59.230 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

Tgt Ion: 43 Resp: 223455
Ion Ratio Lower Upper
43 100
74 22.6 17.7 26.5





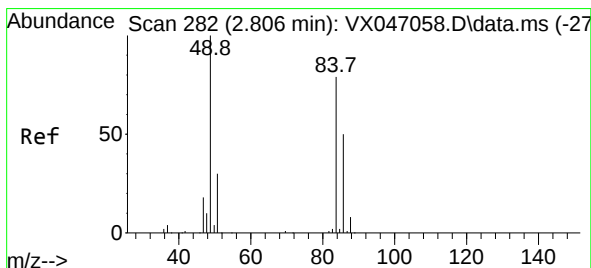
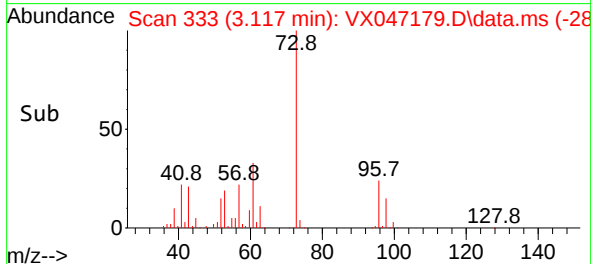
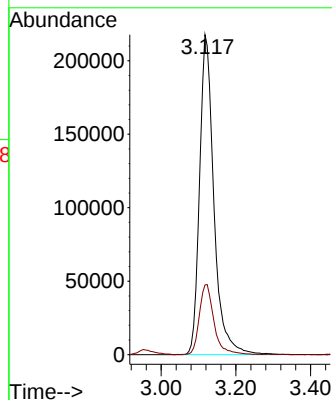
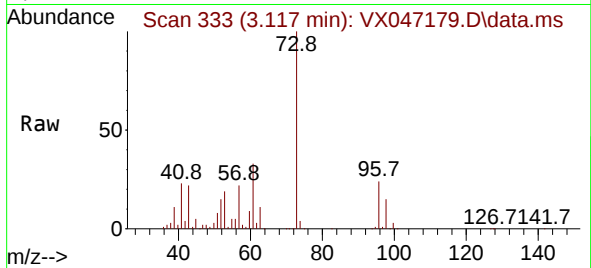
#19
Methyl tert-butyl Ether
Concen: 53.159 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 57840
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5

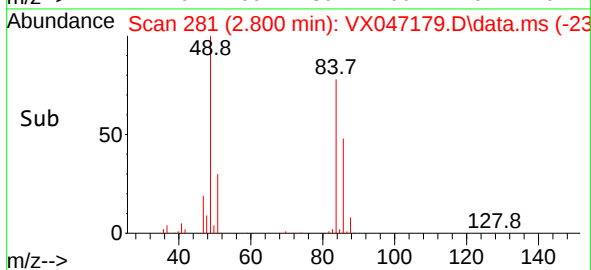
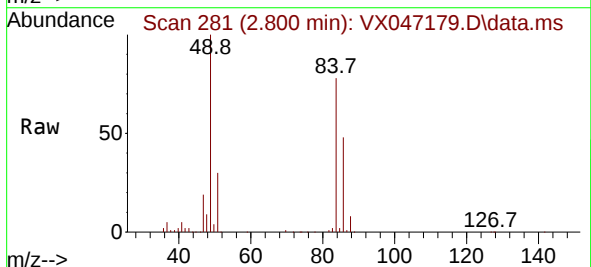
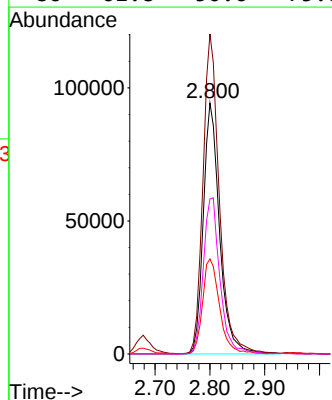
Manual Integrations
APPROVED

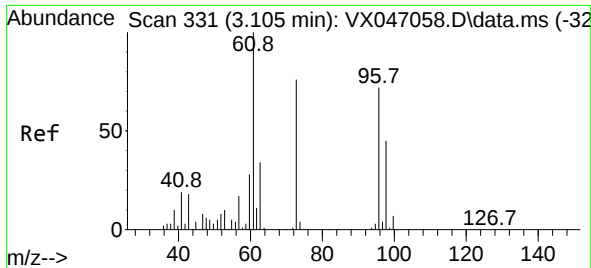
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#20
Methylene Chloride
Concen: 49.847 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

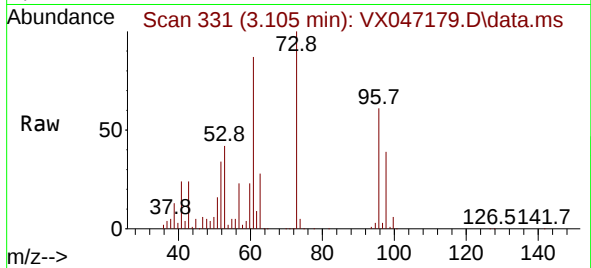
Tgt Ion: 84 Resp: 194681
Ion Ratio Lower Upper
84 100
49 127.4 101.6 152.4
51 38.0 30.3 45.5
86 61.8 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 49.410 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

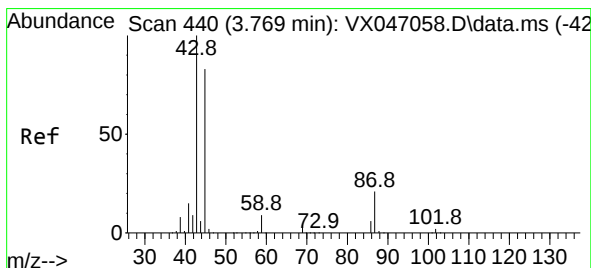
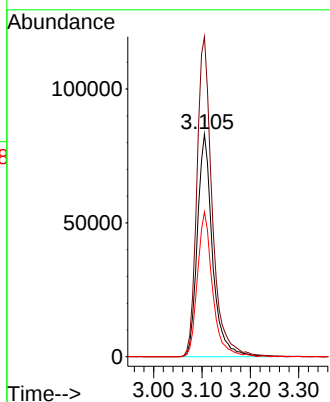
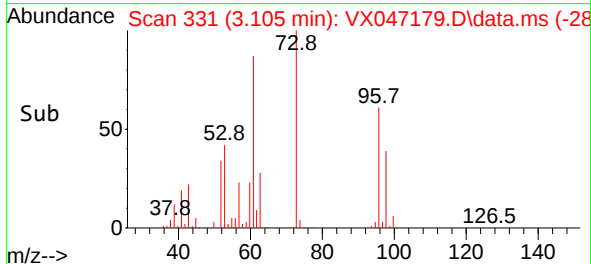
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 18076
Ion Ratio Lower Upper
96 100
61 143.8 111.1 166.7
98 65.1 49.6 74.4

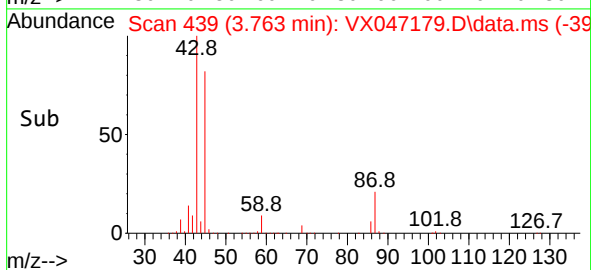
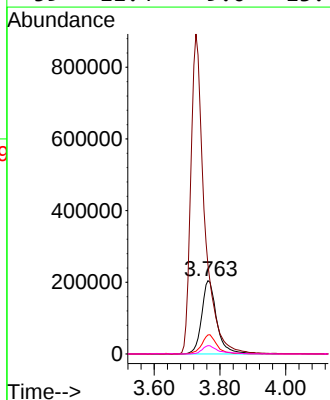
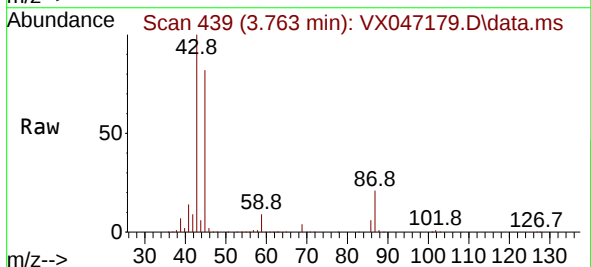
Manual Integrations
APPROVED

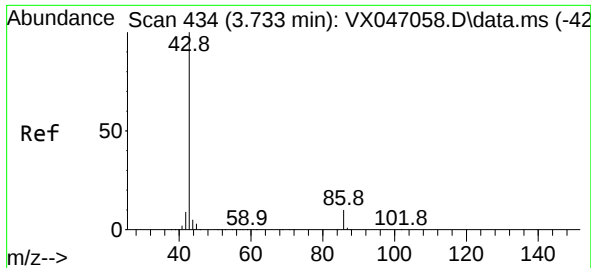
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#22
Diisopropyl ether
Concen: 52.284 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

Tgt Ion: 45 Resp: 649628
Ion Ratio Lower Upper
45 100
43 121.6 96.8 145.2
87 26.0 20.5 30.7
59 11.4 9.0 13.4





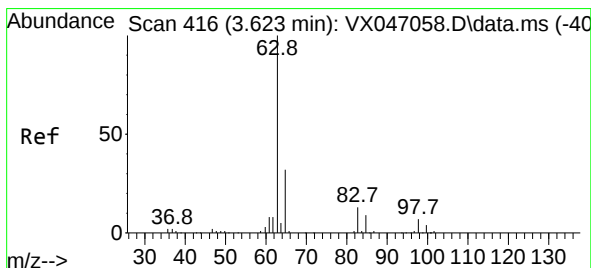
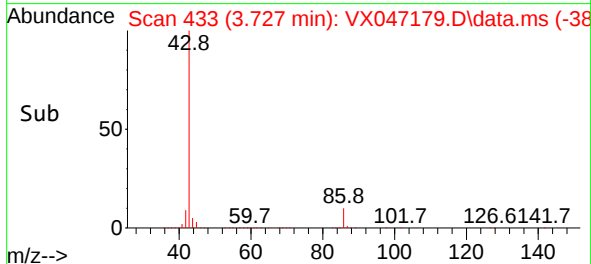
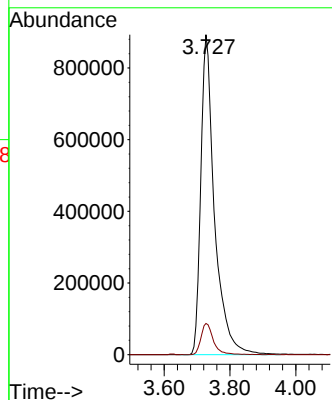
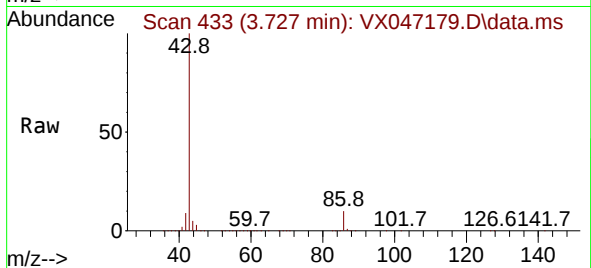
#23
 Vinyl Acetate
 Concen: 259.695 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047179.D
 Acq: 30 Jul 2025 09:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2588039
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.1 12.1

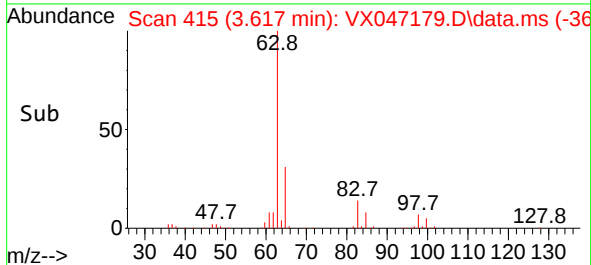
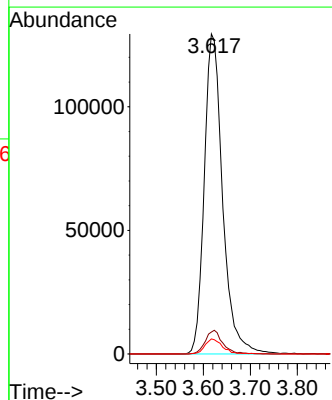
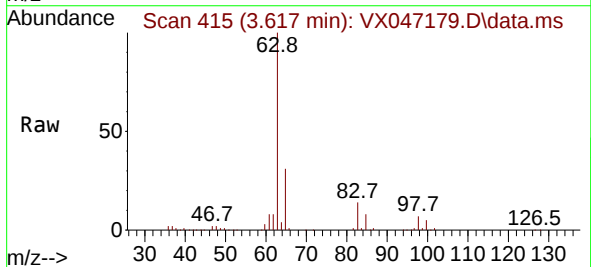
Manual Integrations
 APPROVED

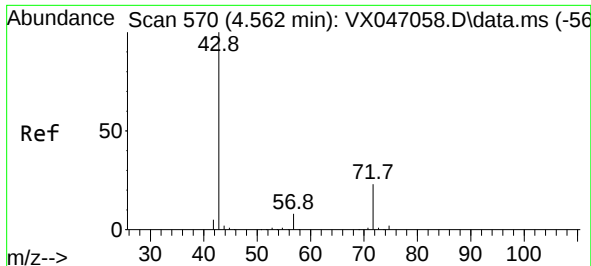
Reviewed By :John Carlone 07/31/2025
 Supervised By :Mahesh Dadoda 07/31/2025



#24
 1,1-Dichloroethane
 Concen: 50.773 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047179.D
 Acq: 30 Jul 2025 09:14

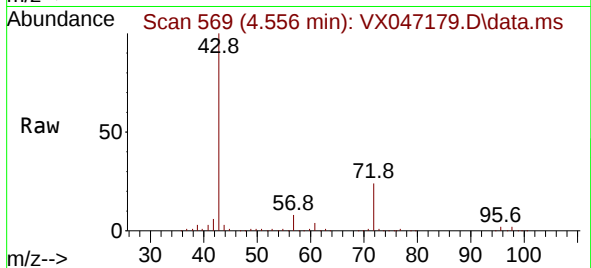
Tgt Ion: 63 Resp: 350802
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.8
 100 4.7 2.3 6.8





#25
2-Butanone
Concen: 252.721 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

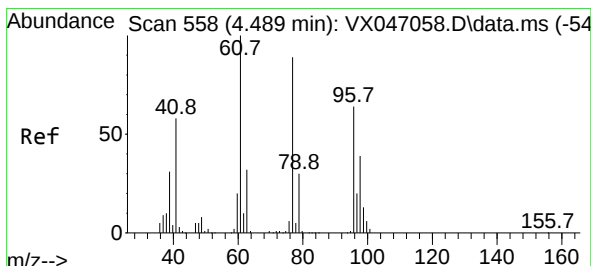
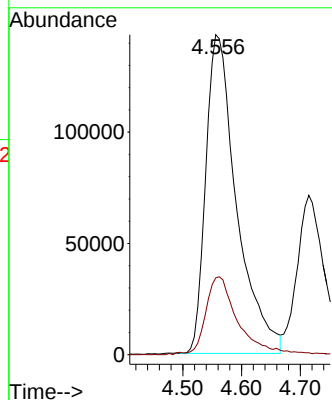
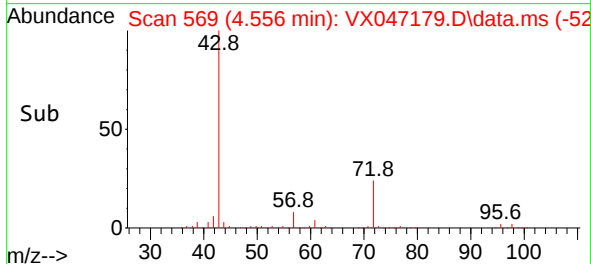
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 522409
Ion Ratio Lower Upper
43 100
72 23.3 18.8 28.2

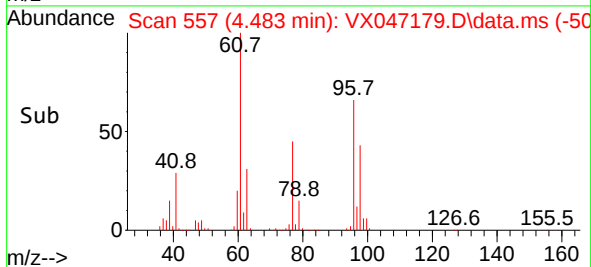
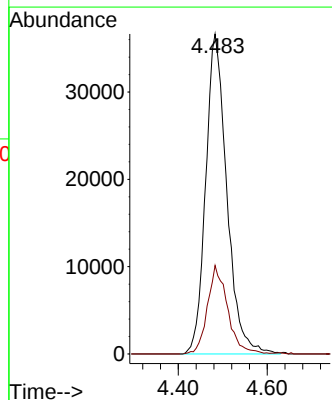
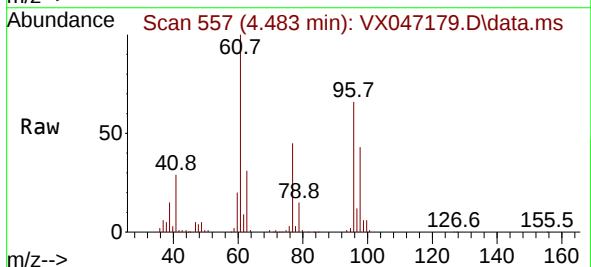
Manual Integrations
APPROVED

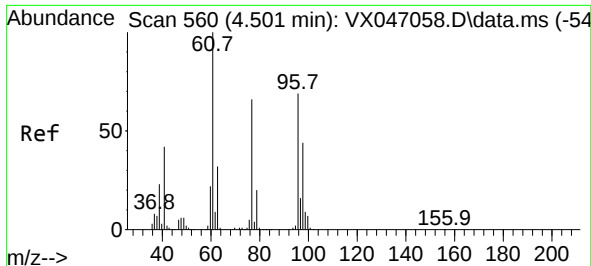
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#26
2,2-Dichloropropane
Concen: 22.662 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

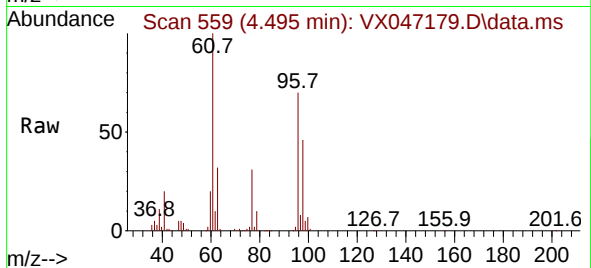
Tgt Ion: 77 Resp: 121207
Ion Ratio Lower Upper
77 100
97 26.3 11.4 34.1





#27
cis-1,2-Dichloroethene
Concen: 49.179 ug/l
RT: 4.495 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

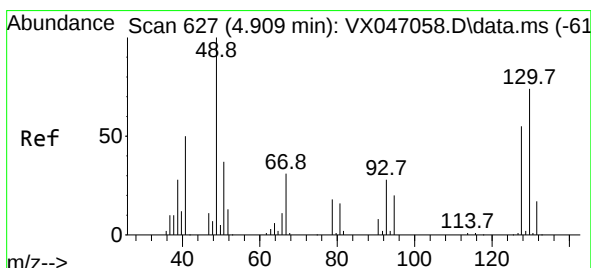
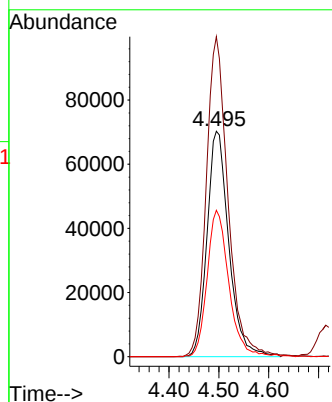
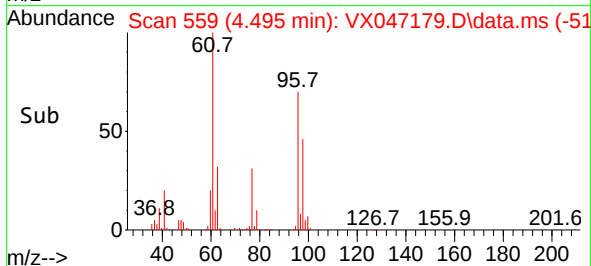
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 21305
Ion Ratio Lower Upper
96 100
61 140.9 0.0 298.6
98 64.6 0.0 128.8

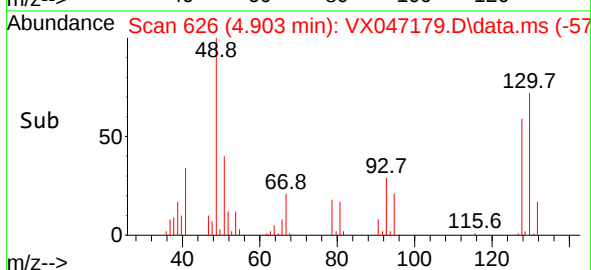
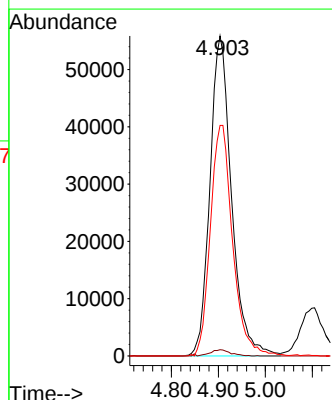
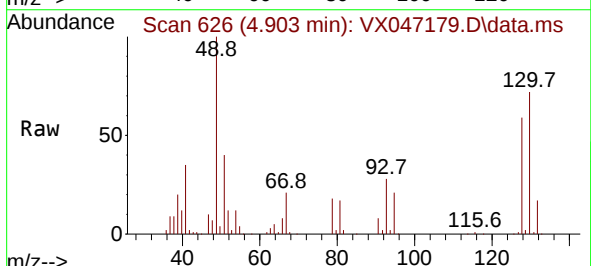
Manual Integrations
APPROVED

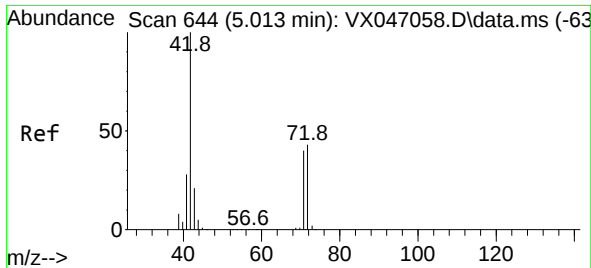
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#28
Bromochloromethane
Concen: 56.144 ug/l
RT: 4.903 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

Tgt Ion: 49 Resp: 178465
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 74.0 59.0 88.4





#29

Tetrahydrofuran

Concen: 245.015 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX047179.D

Acq: 30 Jul 2025 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 32678

Ion Ratio Lower Upper

42 100

72 43.6 33.7 50.5

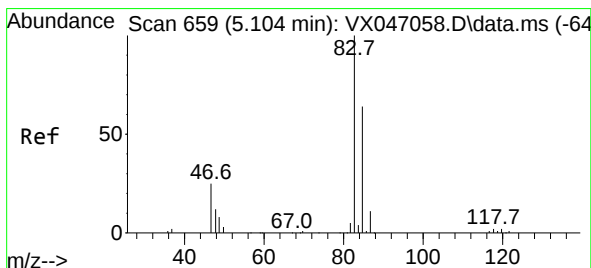
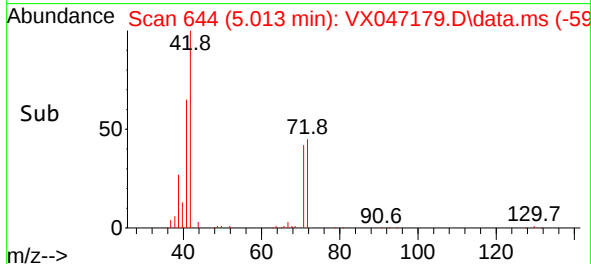
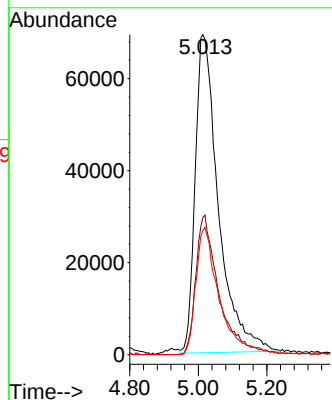
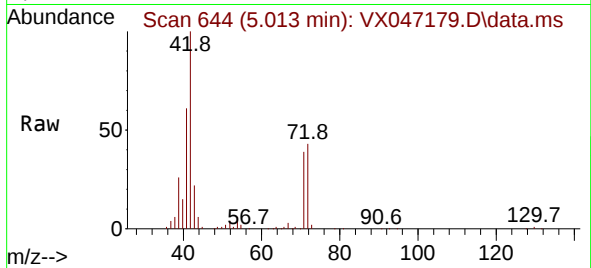
71 40.2 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2025

Supervised By :Mahesh Dadoda 07/31/2025



#30

Chloroform

Concen: 49.649 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX047179.D

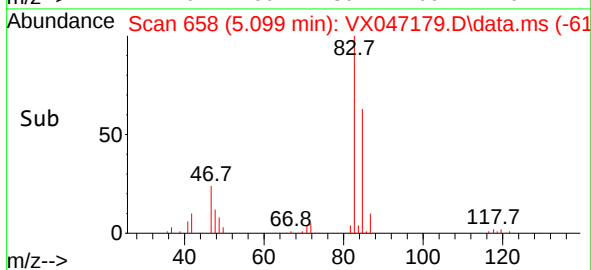
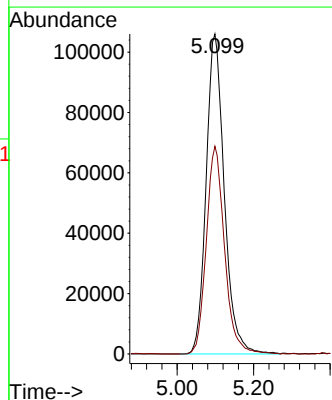
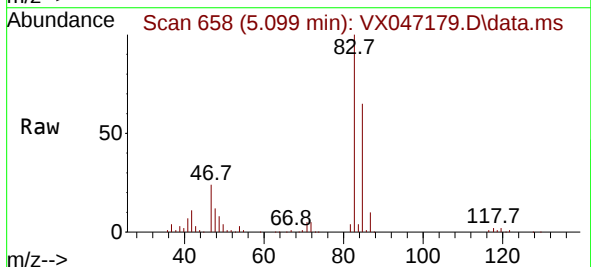
Acq: 30 Jul 2025 09:14

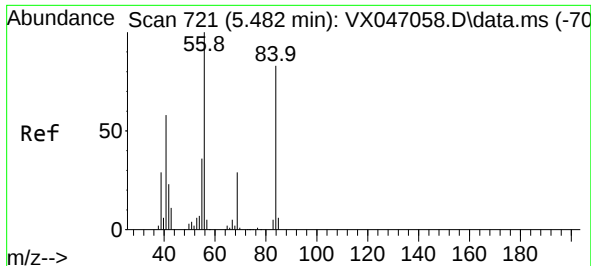
Tgt Ion: 83 Resp: 349187

Ion Ratio Lower Upper

83 100

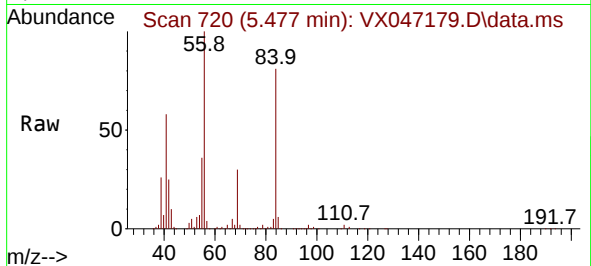
85 64.9 50.9 76.3





#31
Cyclohexane
Concen: 46.520 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

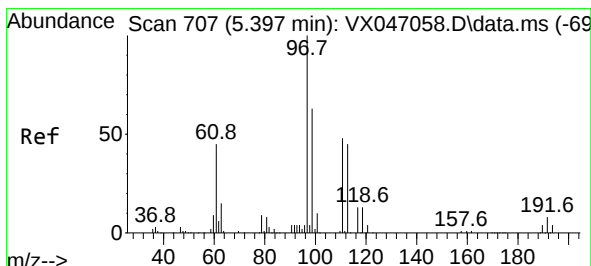
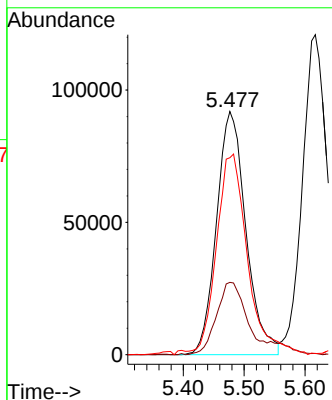
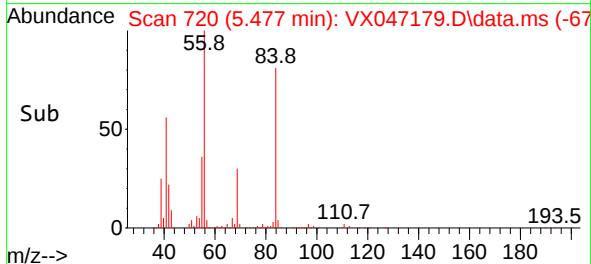
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 308190
Ion Ratio Lower Upper
56 100
69 29.8 23.3 34.9
84 79.4 66.5 99.7

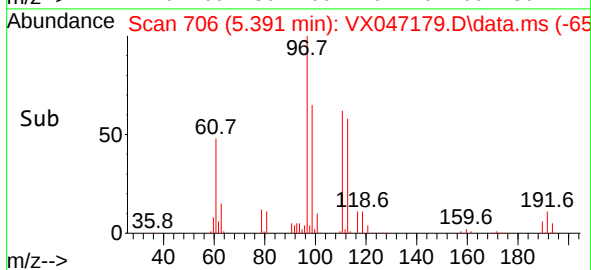
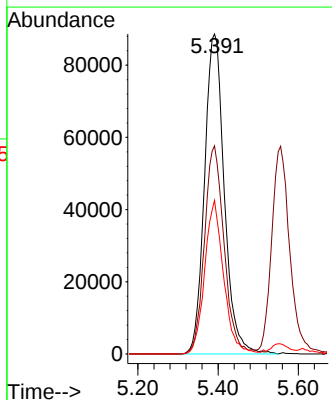
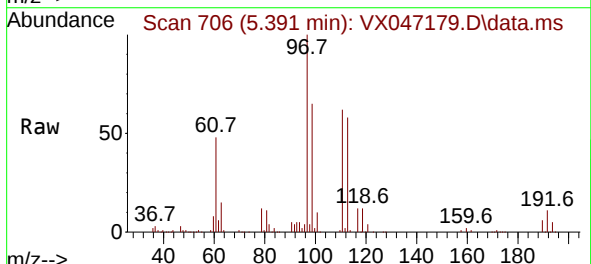
Manual Integrations
APPROVED

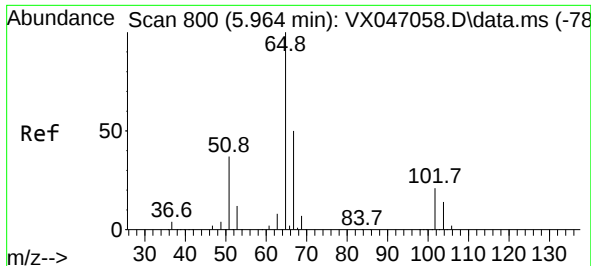
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#32
1,1,1-Trichloroethane
Concen: 49.735 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

Tgt Ion: 97 Resp: 303825
Ion Ratio Lower Upper
97 100
99 64.5 51.2 76.8
61 45.8 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 54.937 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047179.D

Acq: 30 Jul 2025 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 194680

Ion Ratio Lower Upper

65 100

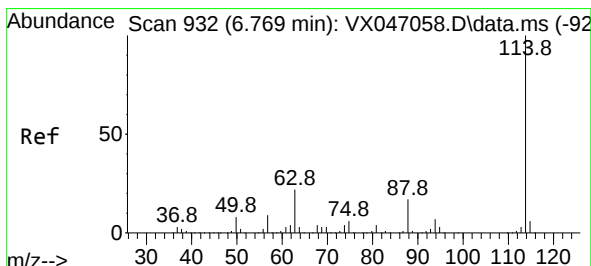
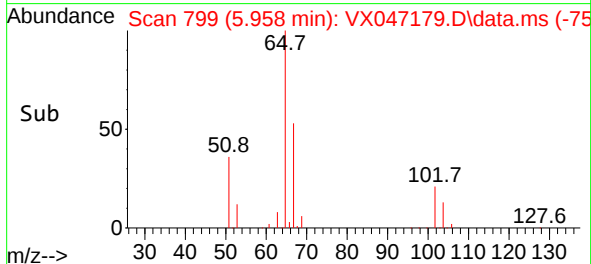
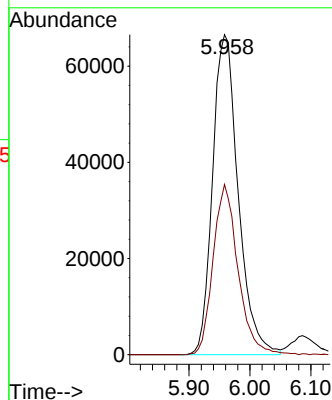
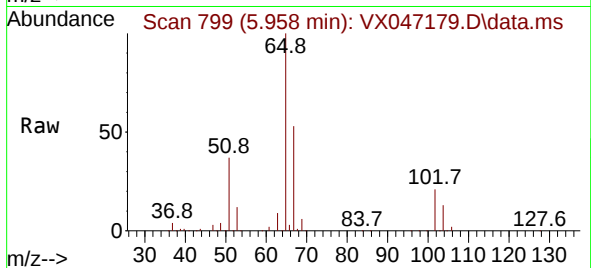
67 51.6 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2025

Supervised By :Mahesh Dadoda 07/31/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047179.D

Acq: 30 Jul 2025 09:14

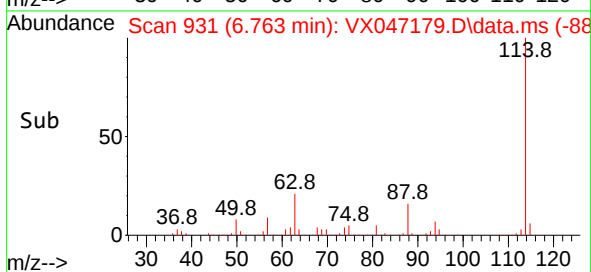
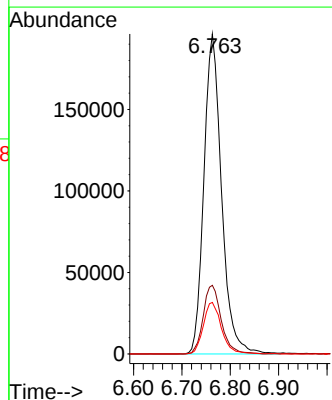
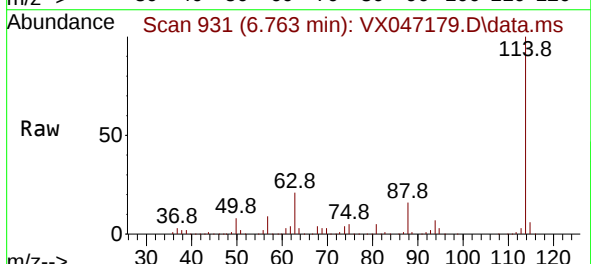
Tgt Ion:114 Resp: 498230

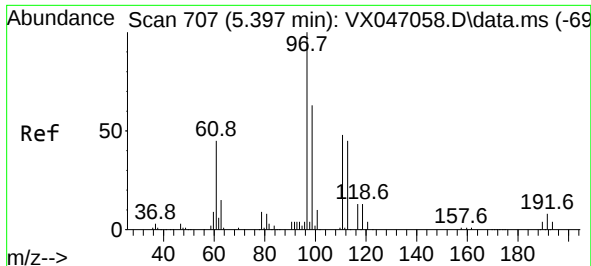
Ion Ratio Lower Upper

114 100

63 24.5 0.0 43.2

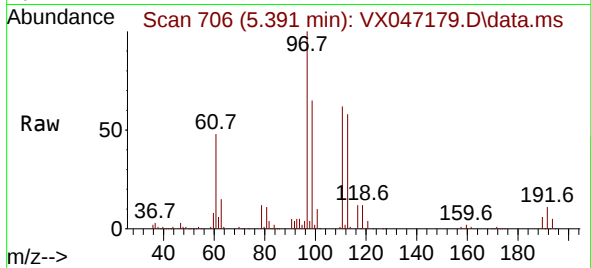
88 16.1 0.0 33.8





#35
Dibromofluoromethane
Concen: 54.409 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

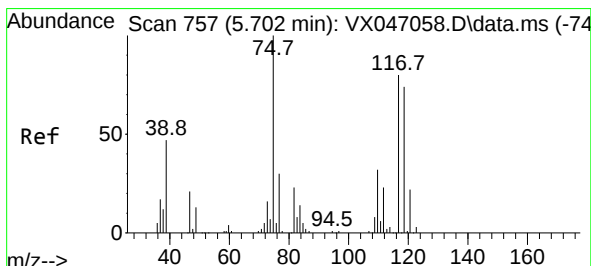
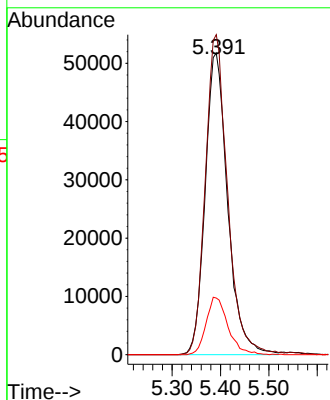
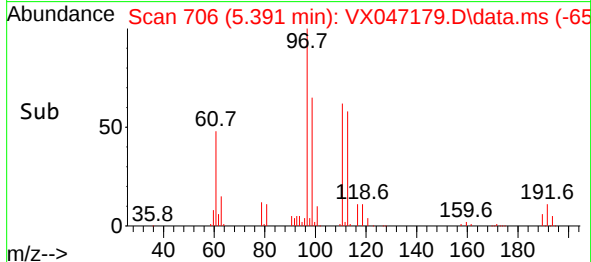
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 167375
Ion Ratio Lower Upper
113 100
111 104.8 82.6 124.0
192 18.5 14.9 22.3

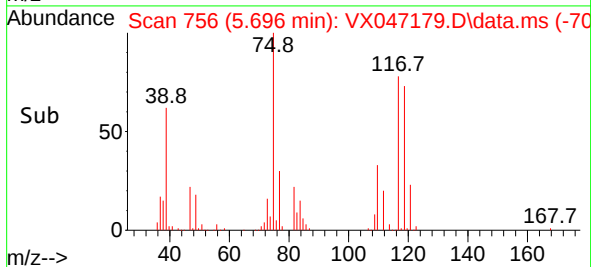
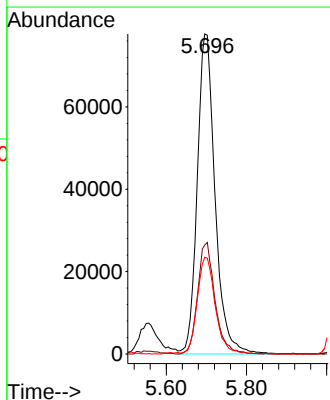
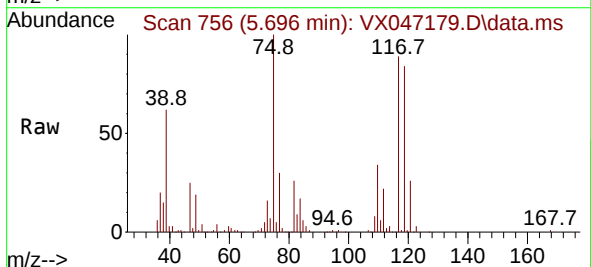
Manual Integrations
APPROVED

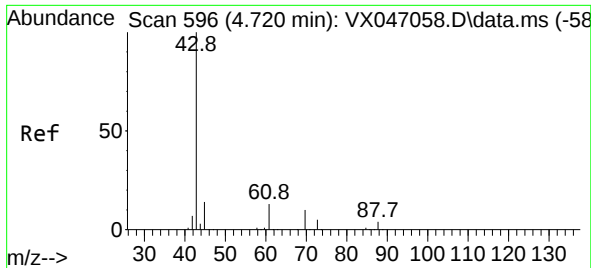
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#36
1,1-Dichloropropene
Concen: 45.635 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

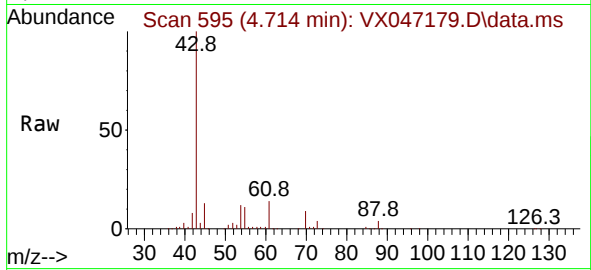
Tgt Ion: 75 Resp: 239295
Ion Ratio Lower Upper
75 100
110 34.0 17.2 51.5
77 30.5 25.1 37.7





#37
Ethyl Acetate
Concen: 49.841 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

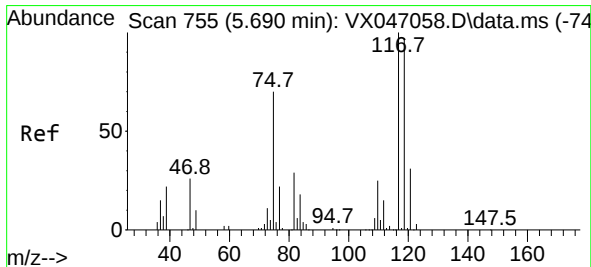
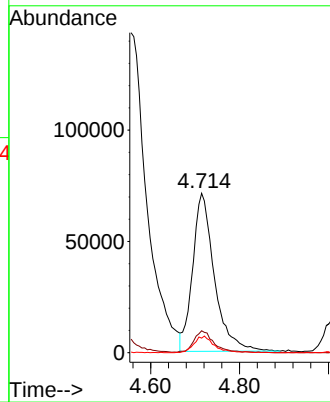
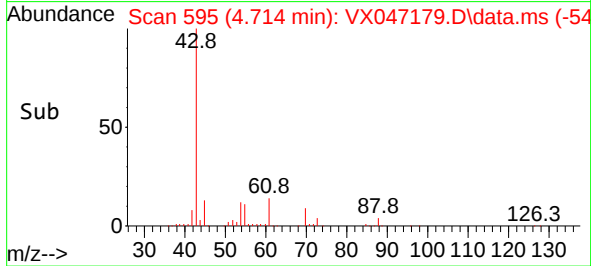
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 240820
Ion Ratio Lower Upper
43 100
61 13.1 10.2 15.2
70 9.6 8.1 12.1

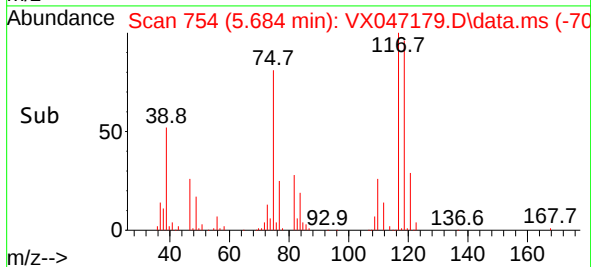
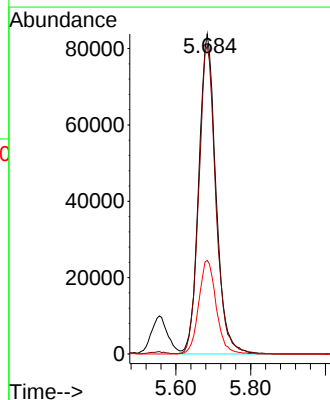
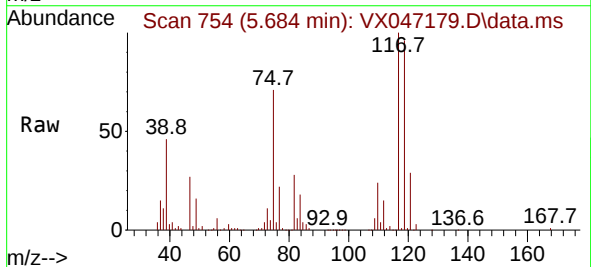
Manual Integrations
APPROVED

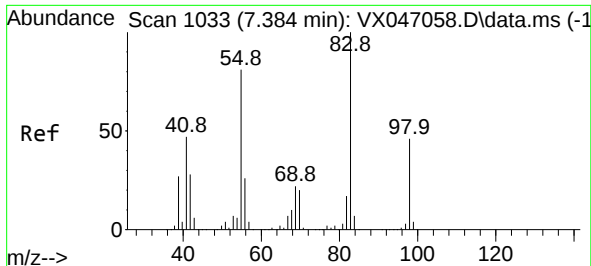
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#38
Carbon Tetrachloride
Concen: 47.751 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

Tgt Ion:117 Resp: 267249
Ion Ratio Lower Upper
117 100
119 96.5 76.6 115.0
121 29.2 24.4 36.6





#39

Methylcyclohexane

Concen: 43.783 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX047179.D

Acq: 30 Jul 2025 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 28664

Ion Ratio Lower Upper

83 100

55 80.2 64.5 96.7

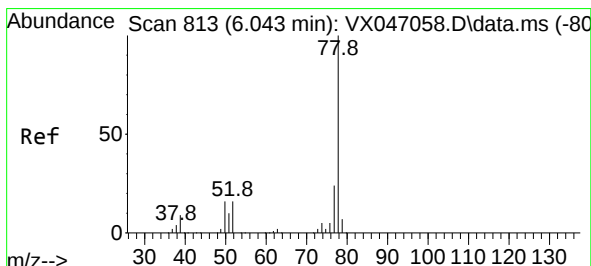
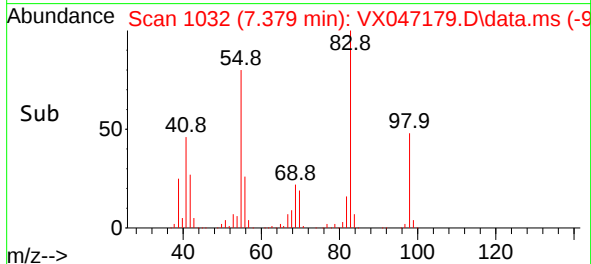
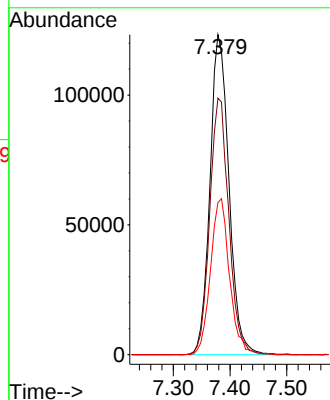
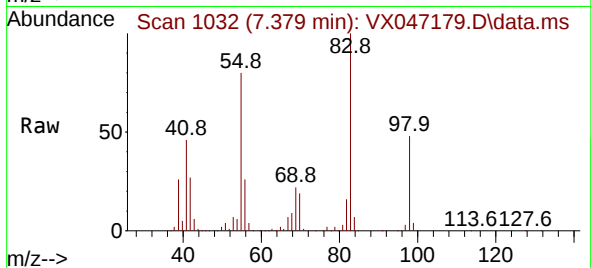
98 47.6 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2025

Supervised By :Mahesh Dadoda 07/31/2025



#40

Benzene

Concen: 47.164 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX047179.D

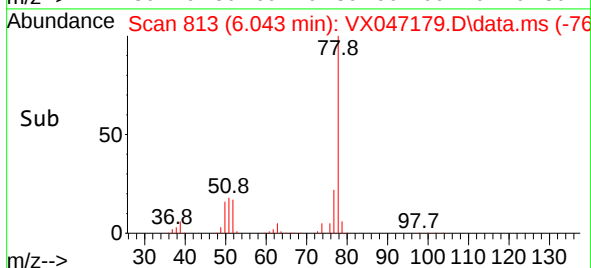
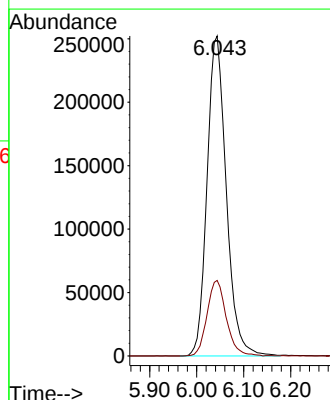
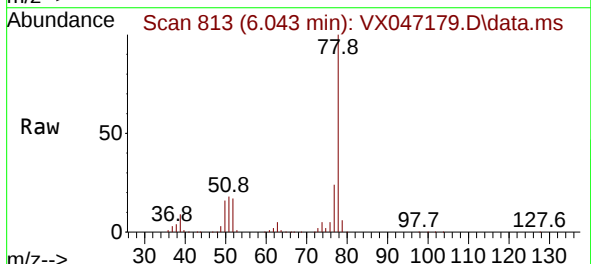
Acq: 30 Jul 2025 09:14

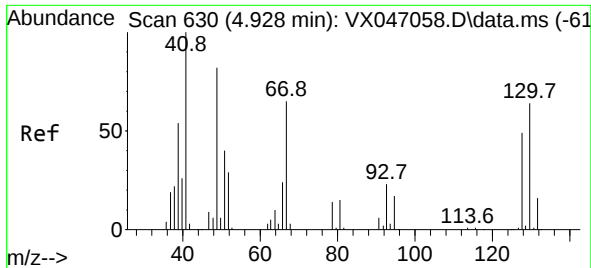
Tgt Ion: 78 Resp: 715734

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.4





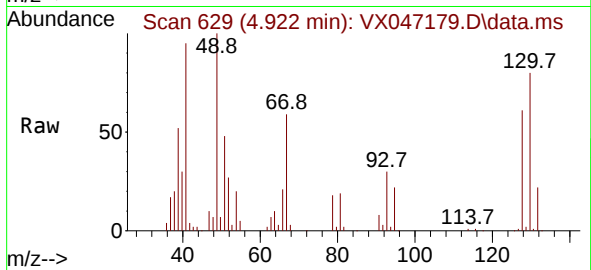
#41
Methacrylonitrile
Concen: 47.295 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



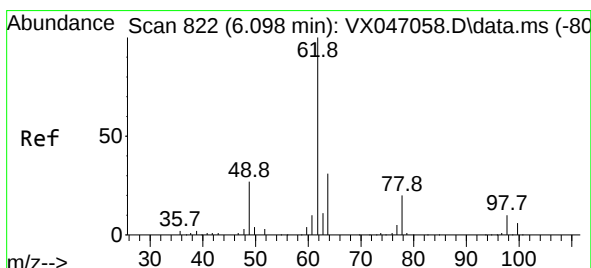
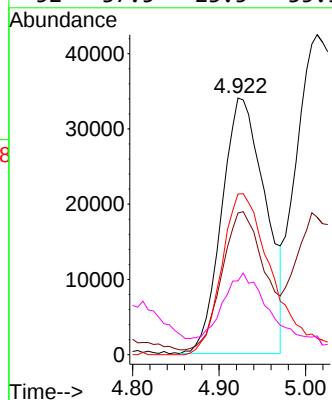
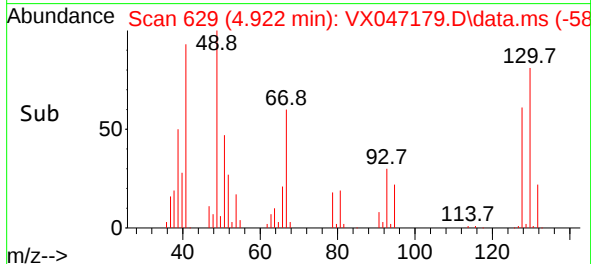
Tgt Ion: 41 Resp: 119480
Ion Ratio Lower Upper
41 100
39 53.1 44.2 66.2
67 75.0 56.4 84.6
52 37.5 23.5 35.3#

Manual Integrations

APPROVED

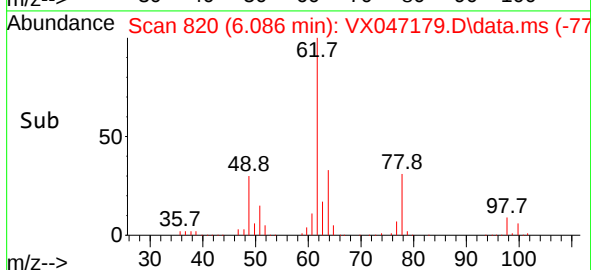
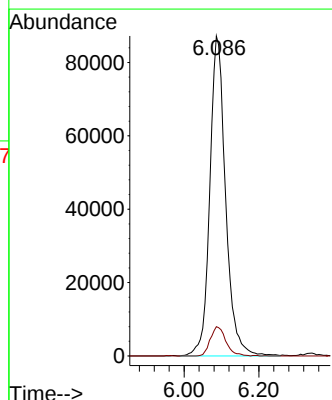
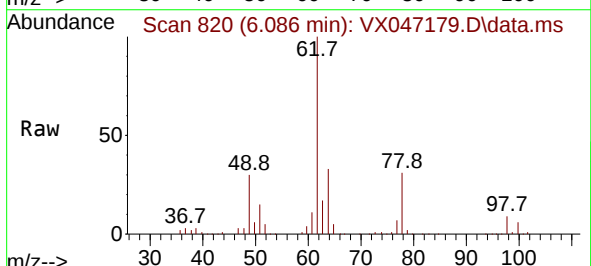
Reviewed By :John Carlone 07/31/2025

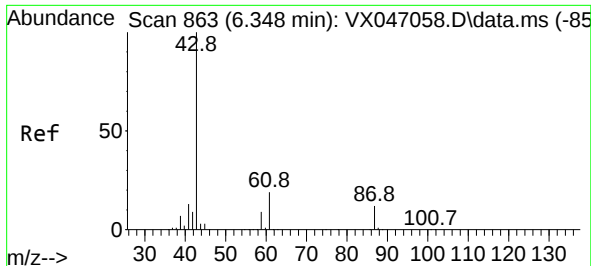
Supervised By :Mahesh Dadoda 07/31/2025



#42
1,2-Dichloroethane
Concen: 47.875 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

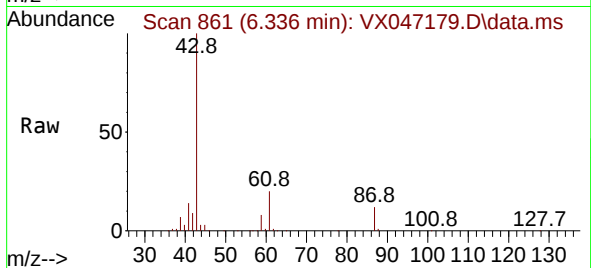
Tgt Ion: 62 Resp: 255921
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.8





#43
Isopropyl Acetate
Concen: 50.924 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.012 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

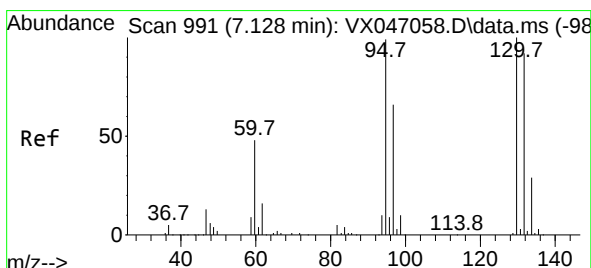
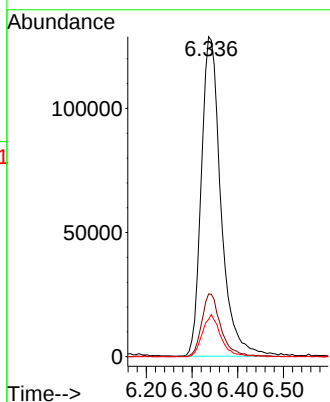
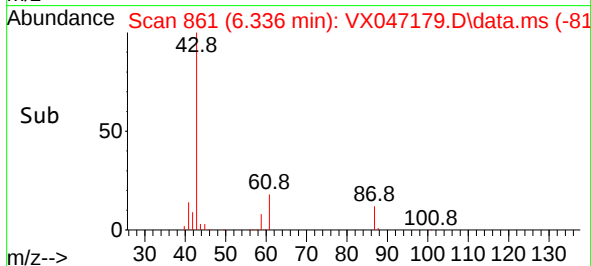
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 383592
Ion Ratio Lower Upper
43 100
61 19.2 15.1 22.7
87 12.2 9.7 14.5

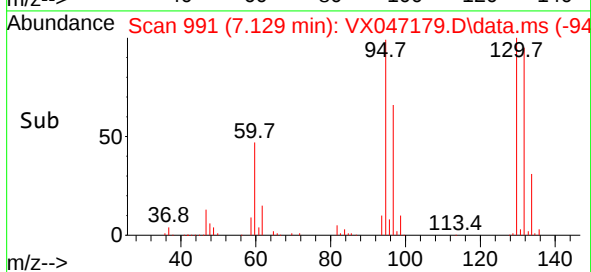
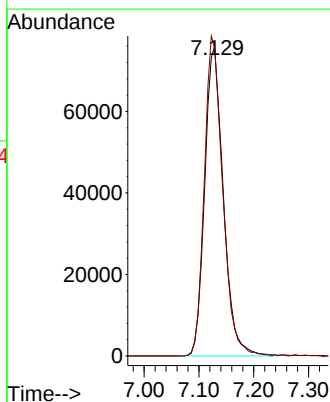
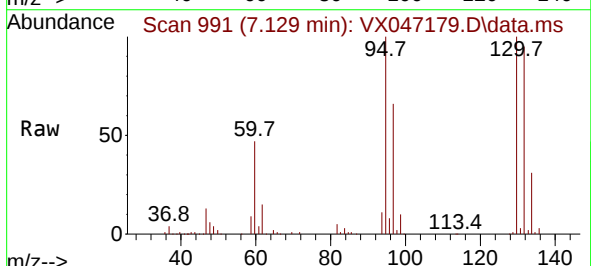
Manual Integrations
APPROVED

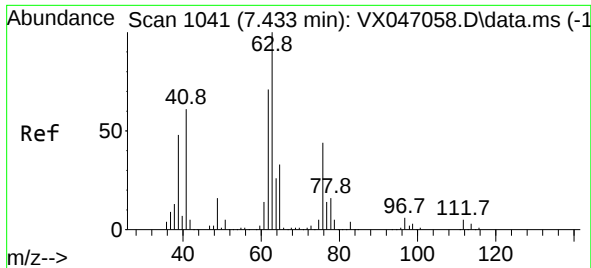
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#44
Trichloroethene
Concen: 45.965 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

Tgt Ion:130 Resp: 178870
Ion Ratio Lower Upper
130 100
95 99.5 0.0 198.6





#45

1,2-Dichloropropane

Concen: 47.342 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX047179.D

Acq: 30 Jul 2025 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 179930

Ion Ratio Lower Upper

63 100

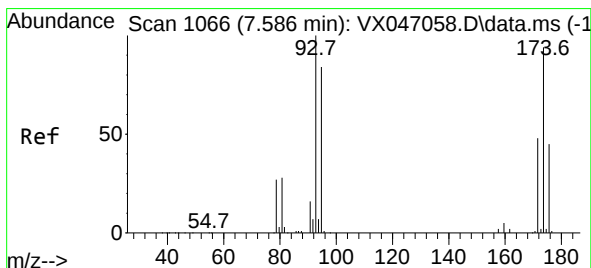
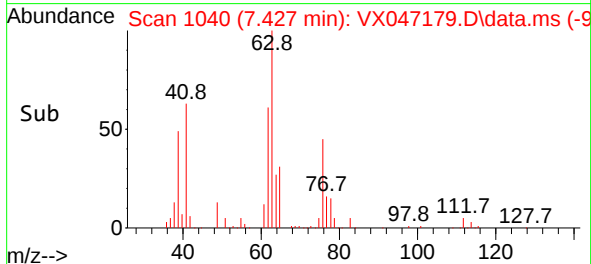
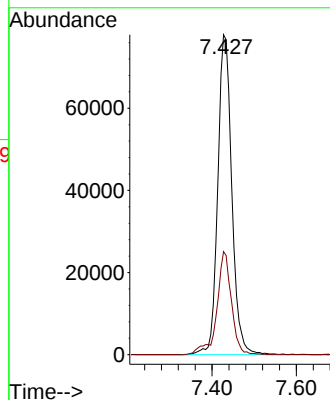
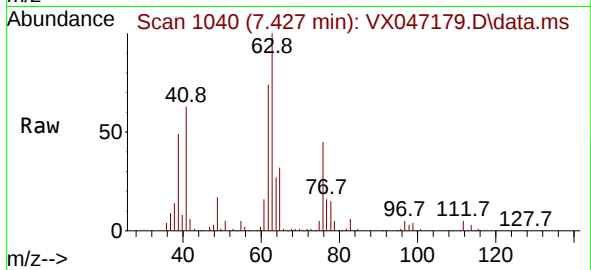
65 32.2 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2025

Supervised By :Mahesh Dadoda 07/31/2025



#46

Dibromomethane

Concen: 48.321 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047179.D

Acq: 30 Jul 2025 09:14

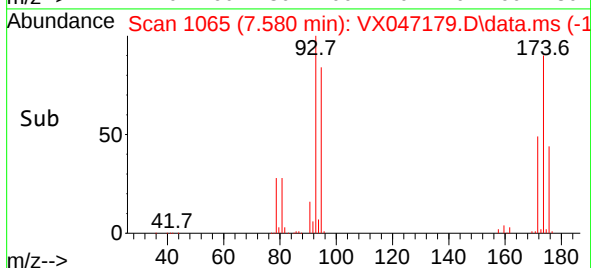
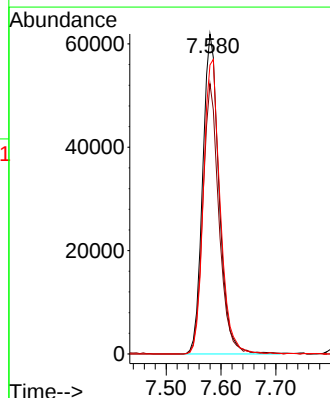
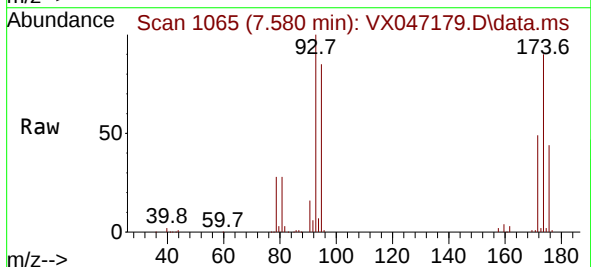
Tgt Ion: 93 Resp: 128792

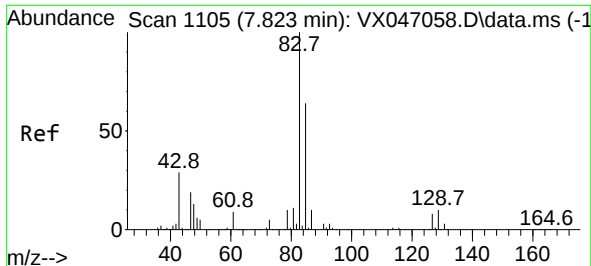
Ion Ratio Lower Upper

93 100

95 82.9 65.9 98.9

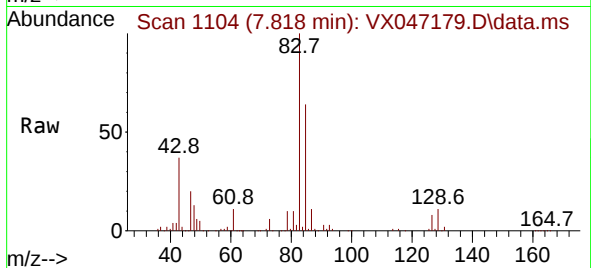
174 93.4 74.6 112.0





#47
Bromodichloromethane
Concen: 48.190 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

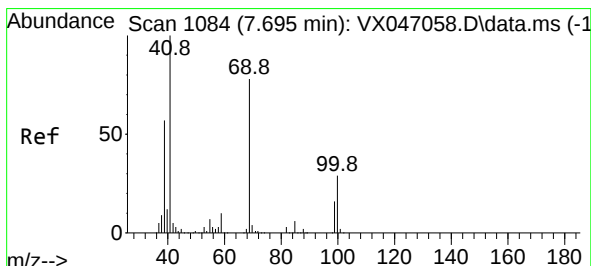
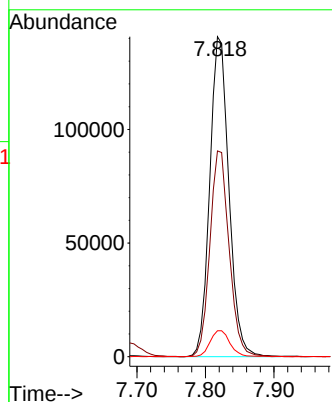
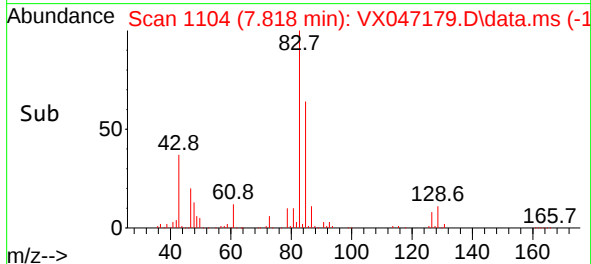
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 27339
Ion Ratio Lower Upper
83 100
85 64.3 49.9 74.9
127 8.1 6.6 10.0

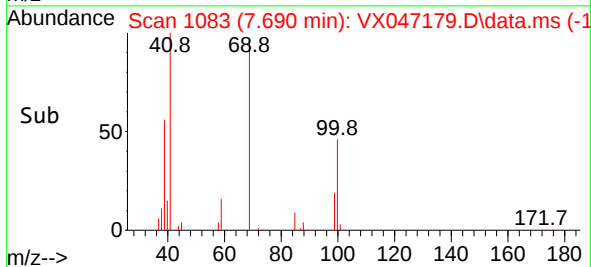
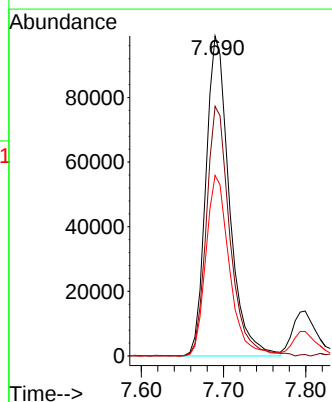
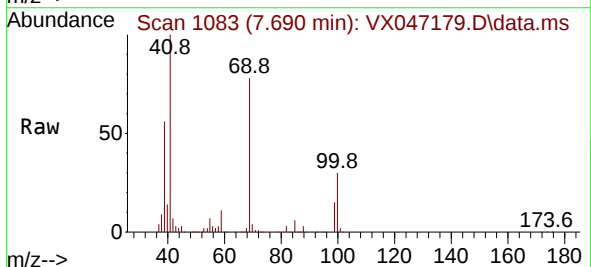
Manual Integrations
APPROVED

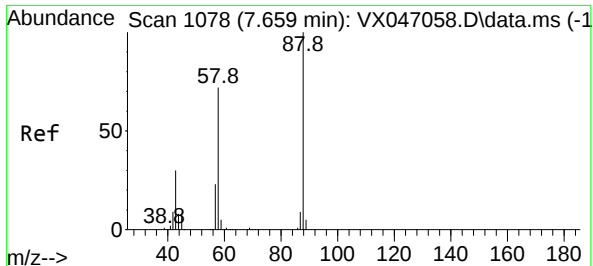
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#48
Methyl methacrylate
Concen: 47.745 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

Tgt Ion: 41 Resp: 195927
Ion Ratio Lower Upper
41 100
69 78.0 62.3 93.5
39 56.7 44.8 67.2





#49

1,4-Dioxane

Concen: 1026.617 ug/l

RT: 7.720 min Scan# 1088

Delta R.T. 0.061 min

Lab File: VX047179.D

Acq: 30 Jul 2025 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

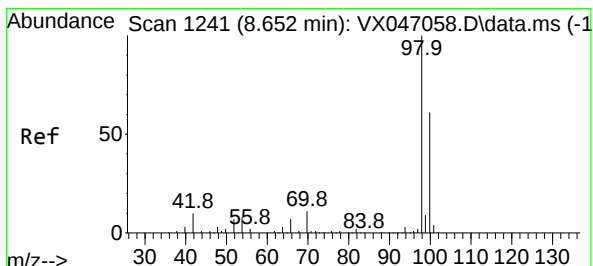
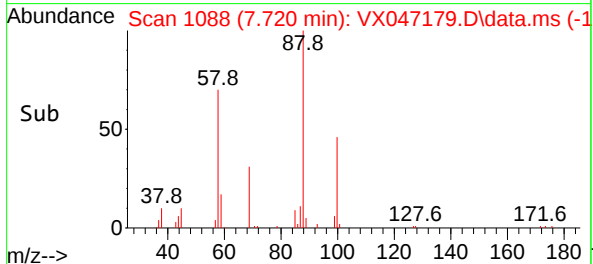
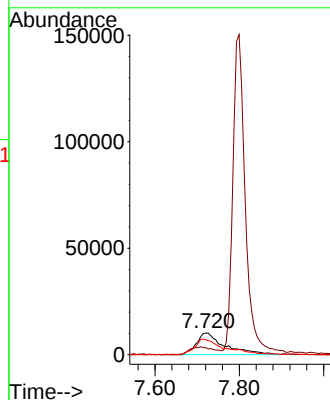
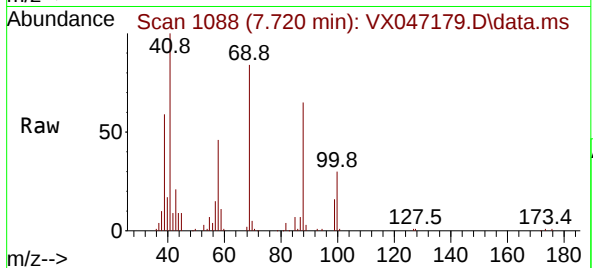
Tgt Ion: 88 Resp: 47915
 Ion Ratio Lower Upper
 88 100
 43 29.4 33.6 50.4
 58 75.2 58.8 88.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2025

Supervised By :Mahesh Dadoda 07/31/2025



#50

Toluene-d8

Concen: 50.063 ug/l

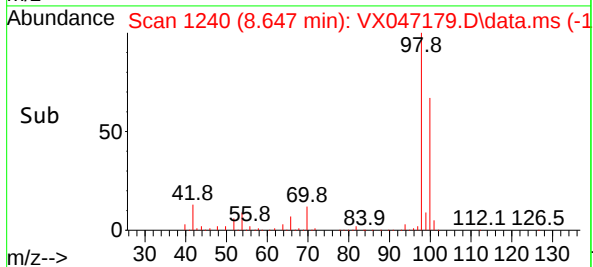
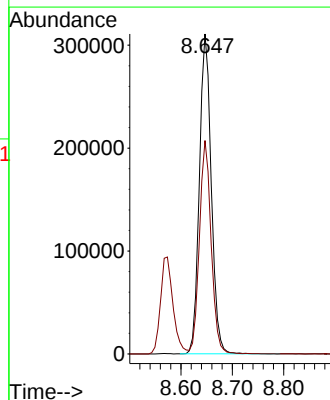
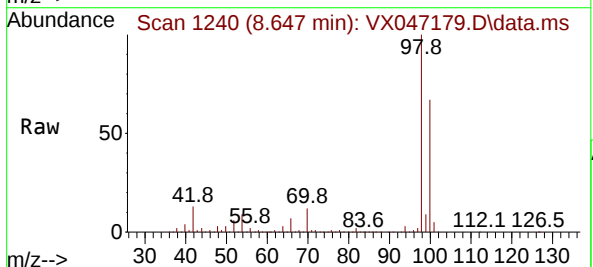
RT: 8.647 min Scan# 1240

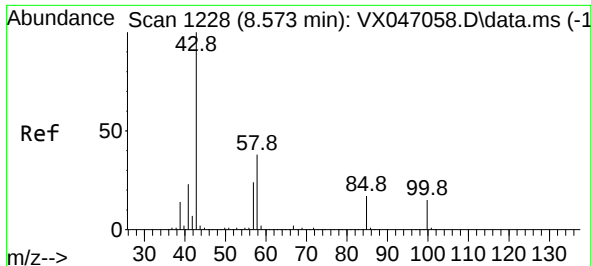
Delta R.T. -0.006 min

Lab File: VX047179.D

Acq: 30 Jul 2025 09:14

Tgt Ion: 98 Resp: 498746
 Ion Ratio Lower Upper
 98 100
 100 65.5 53.3 79.9





#51
4-Methyl-2-Pentanone
Concen: 241.492 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

Instrument :

MSVOA_X

ClientSampleId :

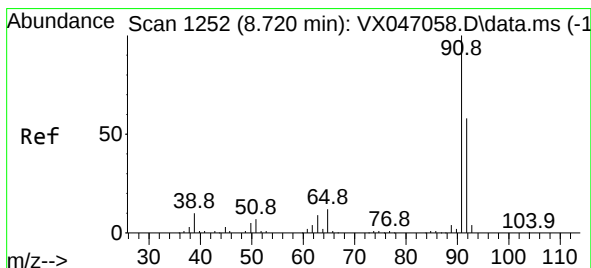
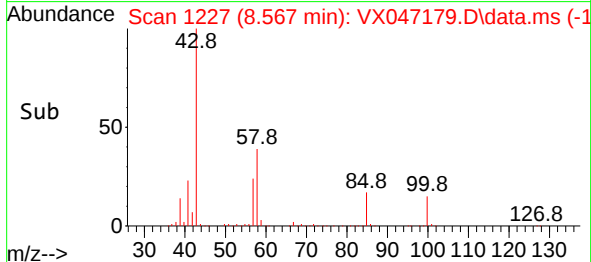
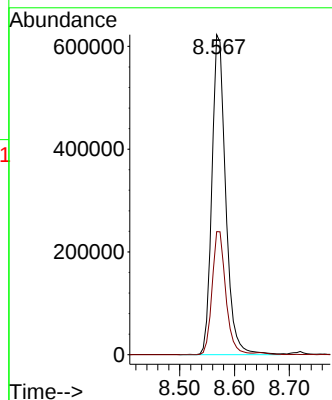
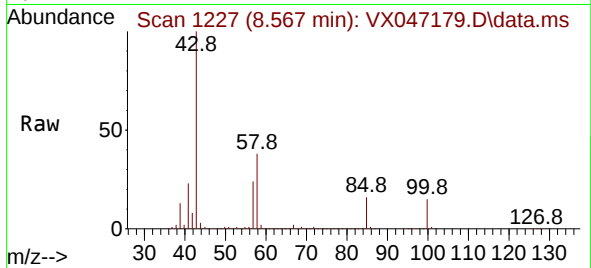
VSTDCCC050

Tgt Ion: 43 Resp: 108124
Ion Ratio Lower Upper
43 100
58 38.2 30.6 45.8

Manual Integrations

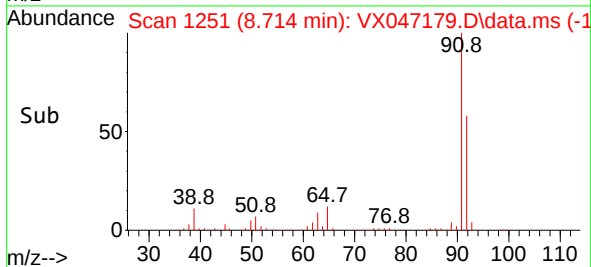
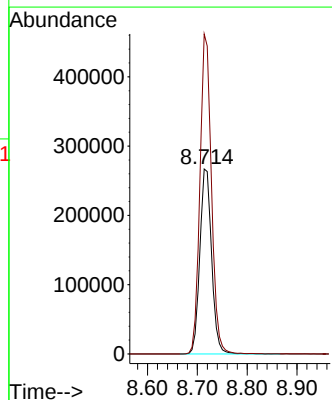
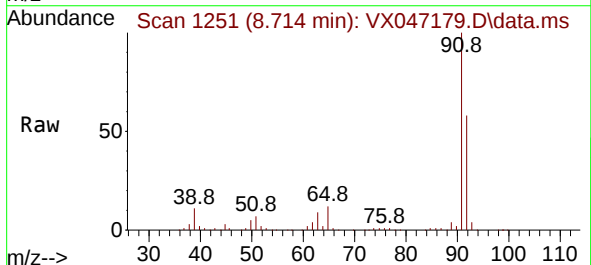
APPROVED

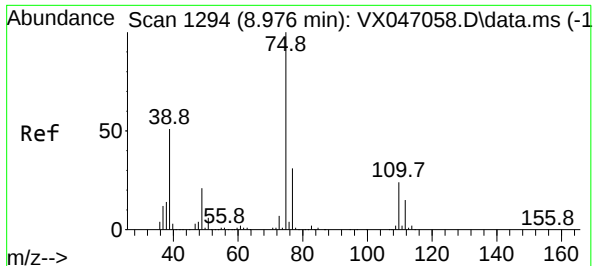
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#52
Toluene
Concen: 46.836 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

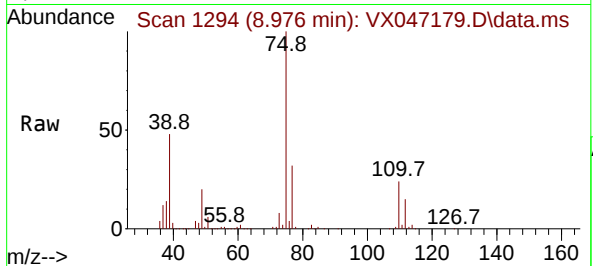
Tgt Ion: 92 Resp: 437026
Ion Ratio Lower Upper
92 100
91 169.3 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 42.608 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

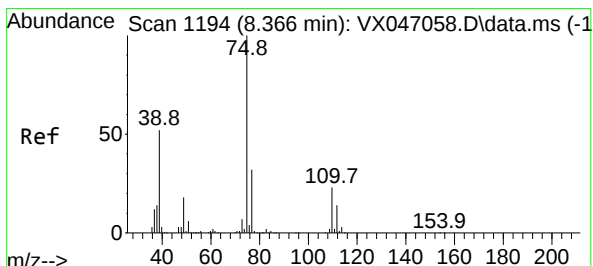
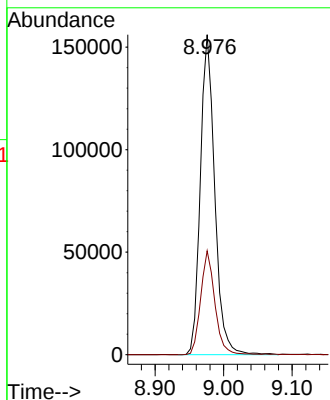
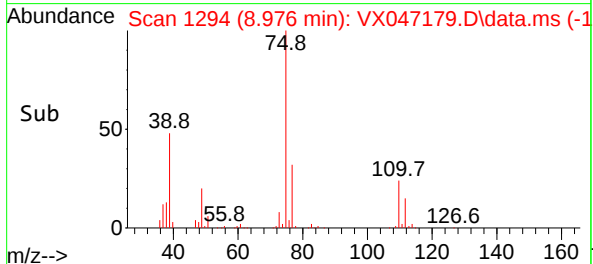
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



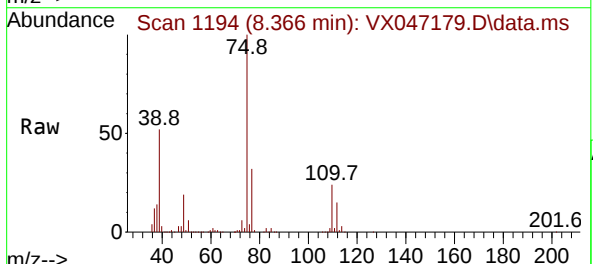
Tgt Ion: 75 Resp: 22826
Ion Ratio Lower Upper
75 100
77 32.4 24.5 36.7

Manual Integrations
APPROVED

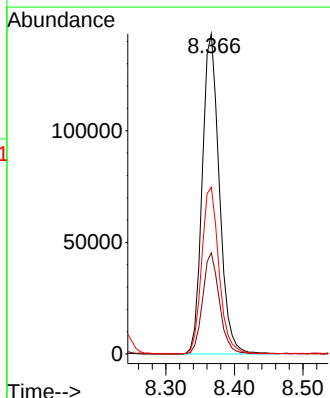
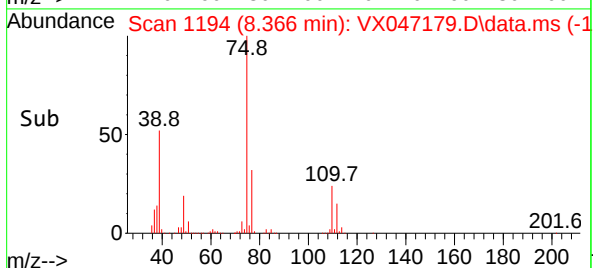
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

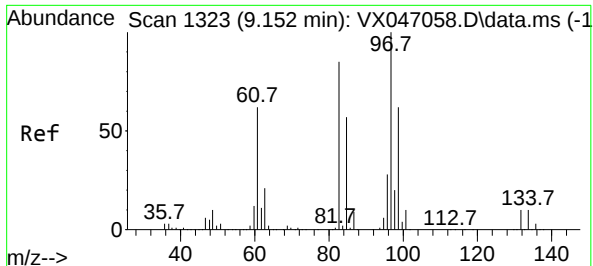


#54
cis-1,3-Dichloropropene
Concen: 42.401 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14



Tgt Ion: 75 Resp: 248613
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 51.3 41.8 62.6





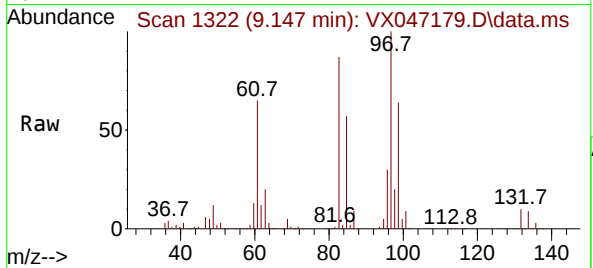
#55
1,1,2-Trichloroethane
Concen: 47.159 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 97 Resp: 165025

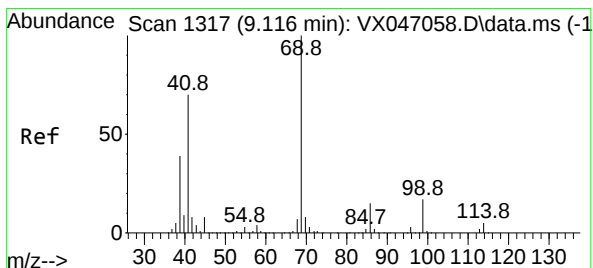
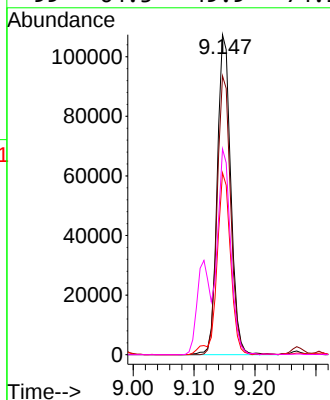
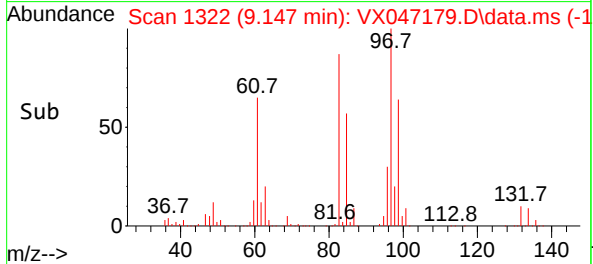
Ion	Ratio	Lower	Upper
97	100		
83	87.1	68.0	102.0
85	56.8	45.2	67.8
99	64.3	49.9	74.9

Manual Integrations

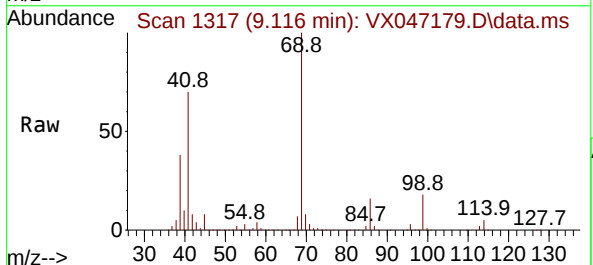
APPROVED

Reviewed By :John Carlone 07/31/2025

Supervised By :Mahesh Dadoda 07/31/2025

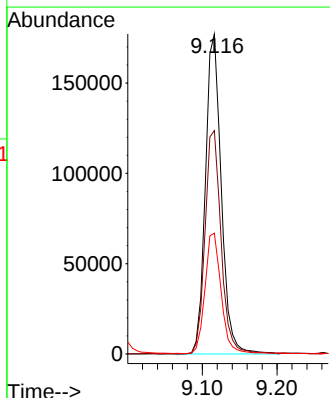
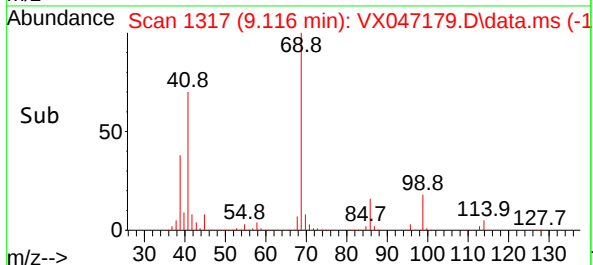


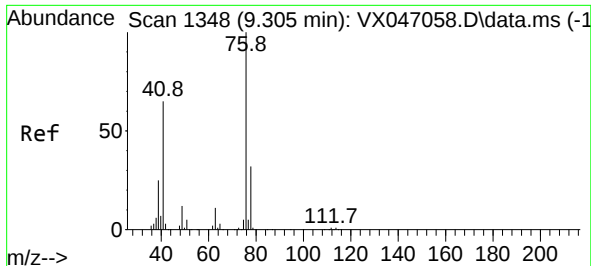
#56
Ethyl methacrylate
Concen: 50.365 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14



Tgt Ion: 69 Resp: 260917

Ion	Ratio	Lower	Upper
69	100		
41	71.1	56.1	84.1
39	38.4	31.1	46.7





#57

1,3-Dichloropropane

Concen: 46.645 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047179.D

Acq: 30 Jul 2025 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 283684

Ion Ratio Lower Upper

76 100

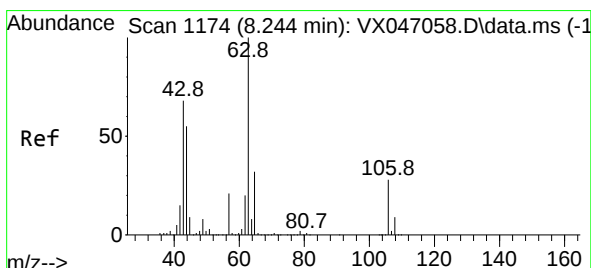
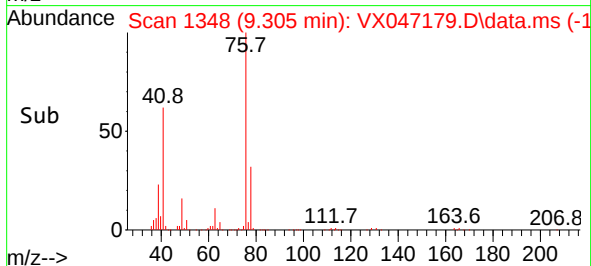
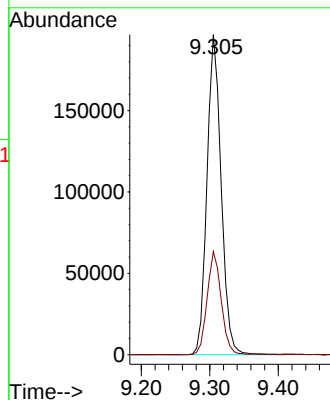
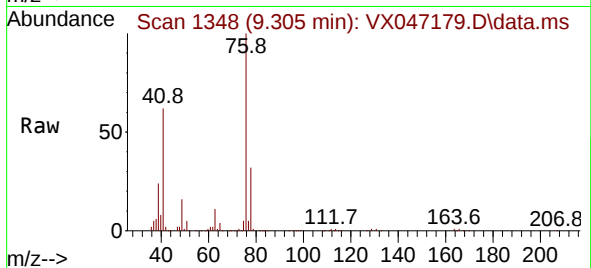
78 32.1 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2025

Supervised By :Mahesh Dadoda 07/31/2025



#58

2-Chloroethyl Vinyl ether

Concen: 240.779 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047179.D

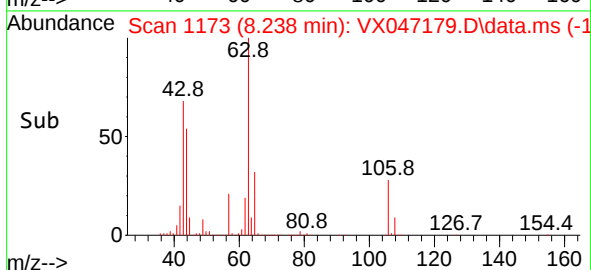
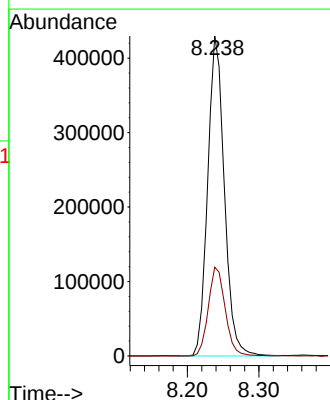
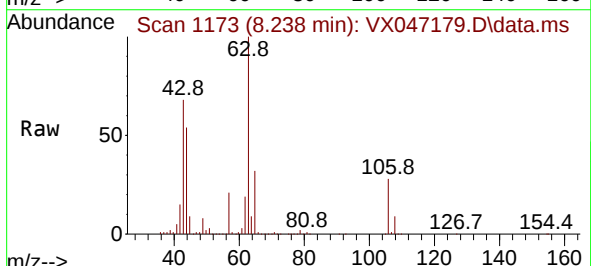
Acq: 30 Jul 2025 09:14

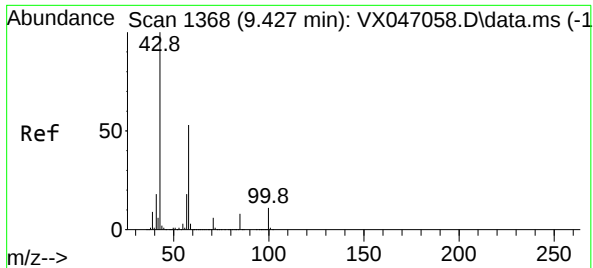
Tgt Ion: 63 Resp: 694114

Ion Ratio Lower Upper

63 100

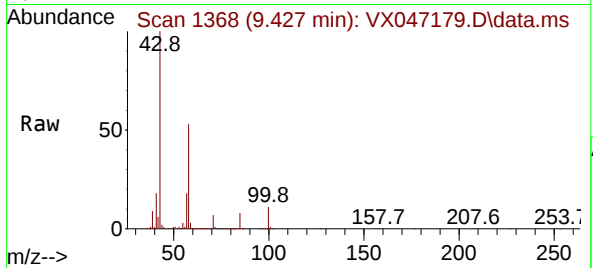
106 28.3 22.2 33.4





#59
2-Hexanone
Concen: 249.075 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

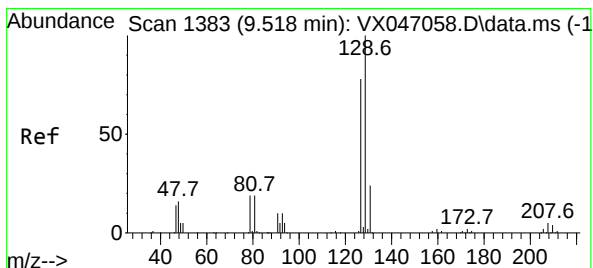
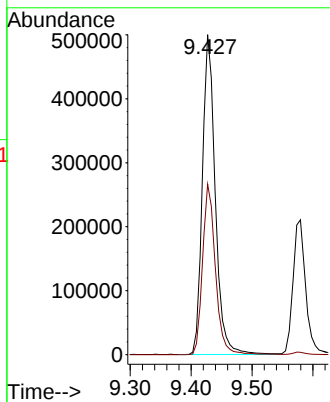
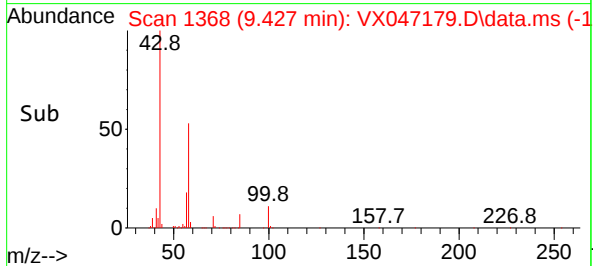
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 736788
Ion Ratio Lower Upper
43 100
58 53.3 26.5 79.5

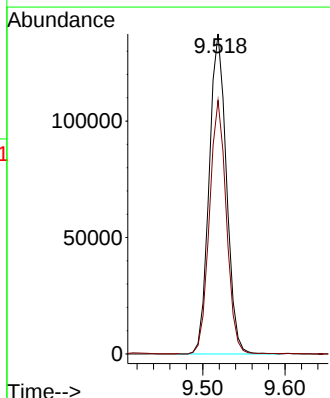
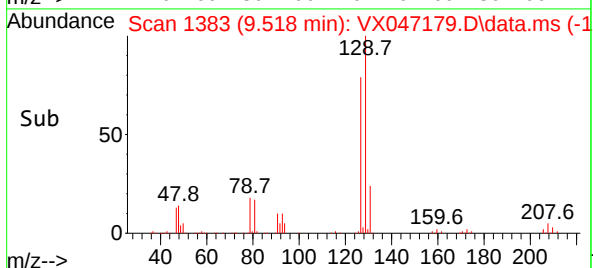
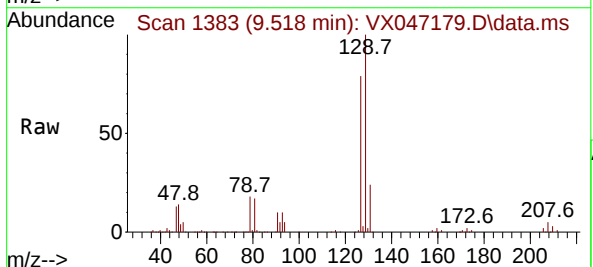
Manual Integrations
APPROVED

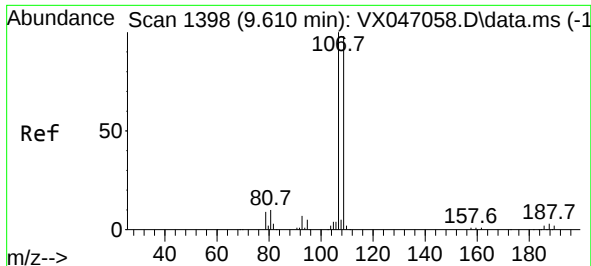
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#60
Dibromochloromethane
Concen: 48.987 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

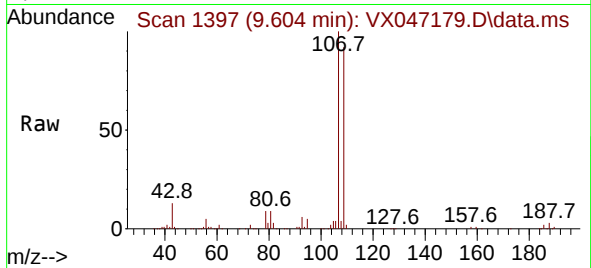
Tgt Ion:129 Resp: 201048
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





#61
1,2-Dibromoethane
Concen: 46.318 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

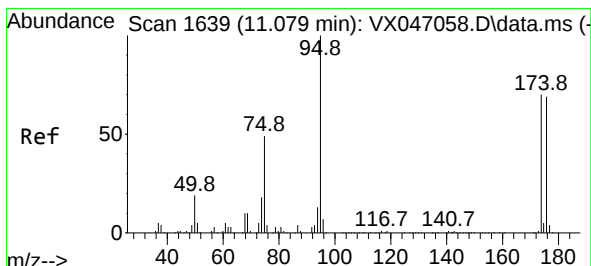
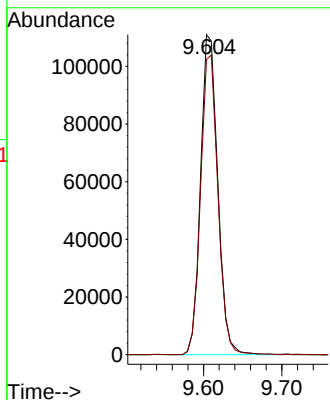
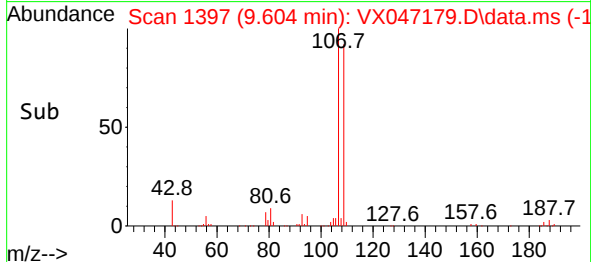
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 169478
Ion Ratio Lower Upper
107 100
109 94.0 74.6 112.0

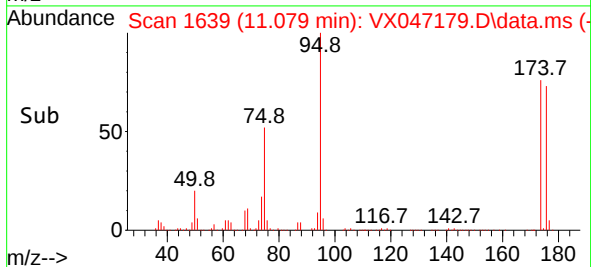
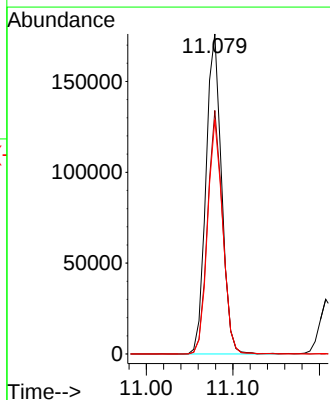
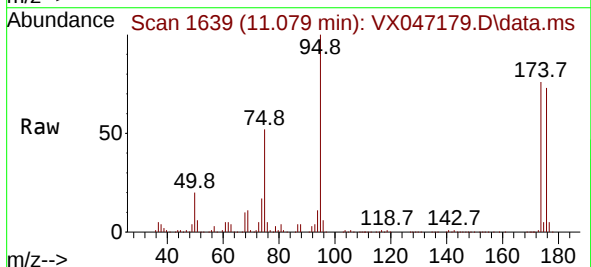
Manual Integrations
APPROVED

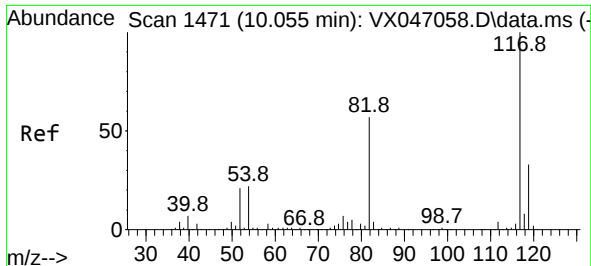
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#62
4-Bromofluorobenzene
Concen: 51.280 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

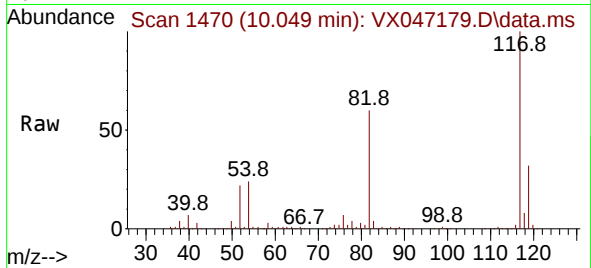
Tgt Ion: 95 Resp: 220154
Ion Ratio Lower Upper
95 100
174 73.3 0.0 144.6
176 71.3 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

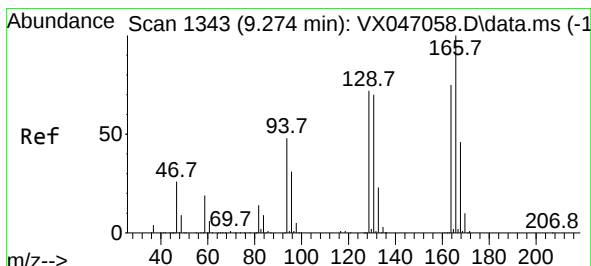
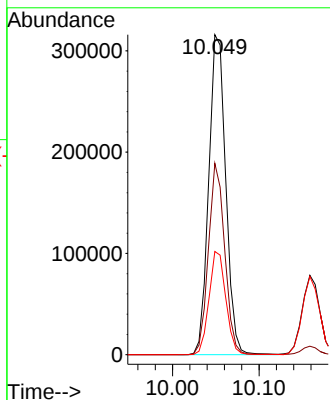
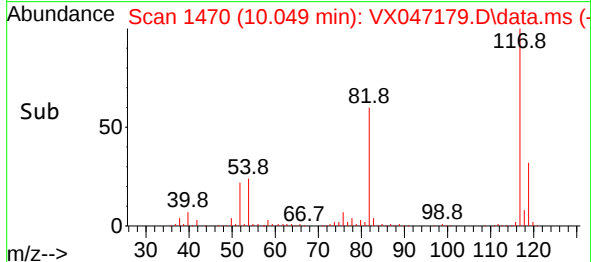
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 431600
Ion Ratio Lower Upper
117 100
82 59.8 45.4 68.2
119 32.2 26.1 39.1

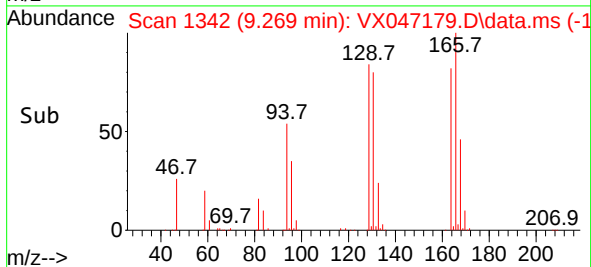
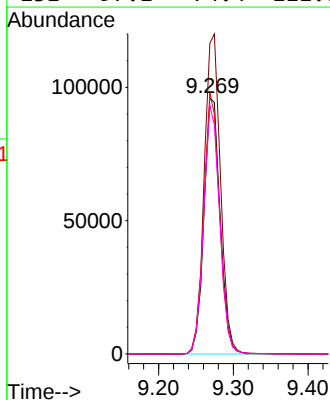
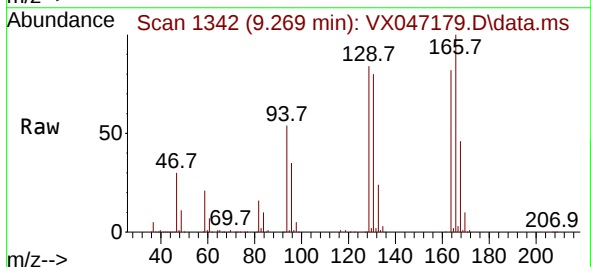
Manual Integrations
APPROVED

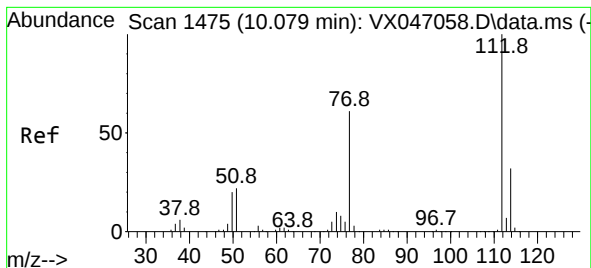
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#64
Tetrachloroethene
Concen: 46.372 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

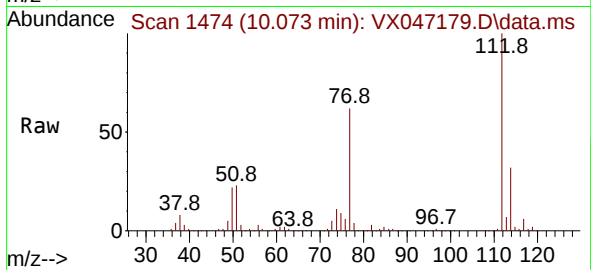
Tgt Ion:164 Resp: 144282
Ion Ratio Lower Upper
164 100
166 121.4 106.2 159.4
129 101.9 76.6 114.8
131 97.1 74.4 111.6





#65
Chlorobenzene
Concen: 46.825 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

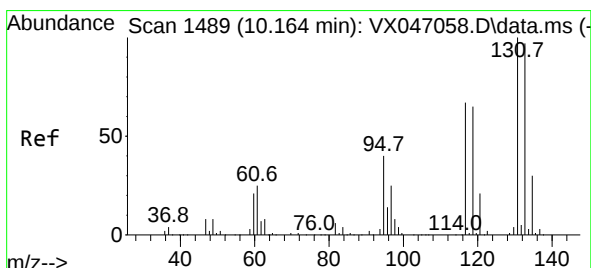
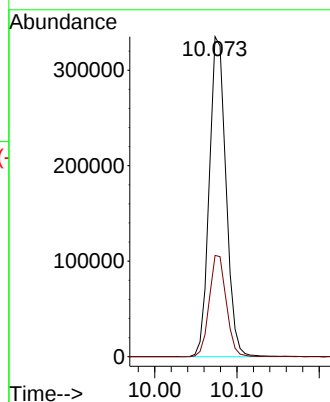
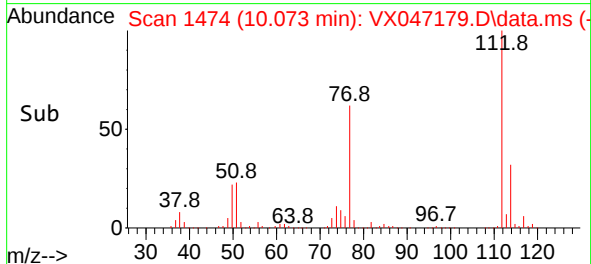
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 473440
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6

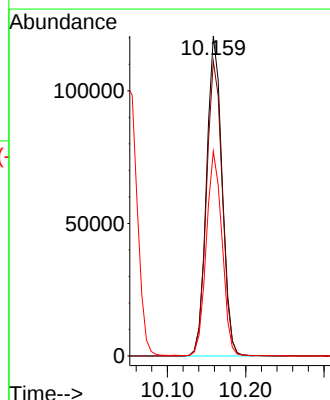
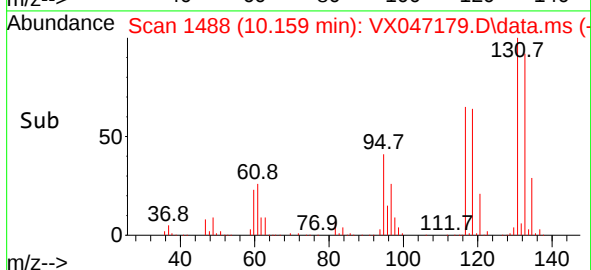
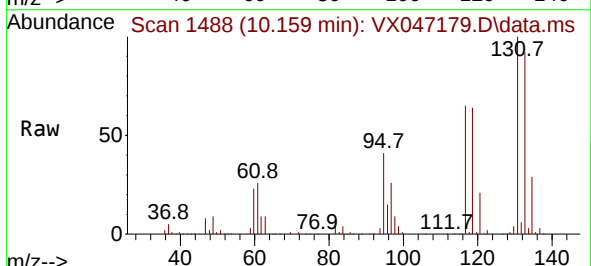
Manual Integrations
APPROVED

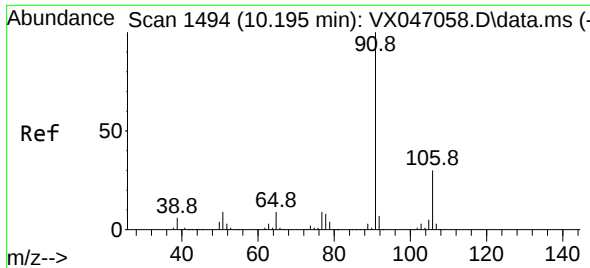
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 48.805 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

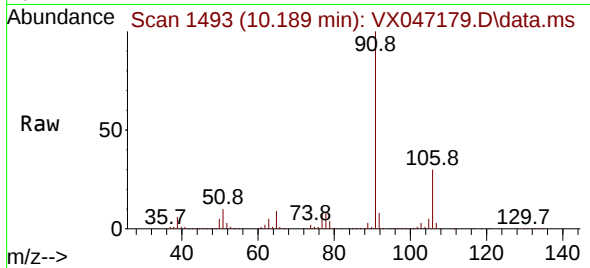
Tgt Ion:131 Resp: 166141
Ion Ratio Lower Upper
131 100
133 93.7 48.4 145.3
119 64.3 32.4 97.0





#67
Ethyl Benzene
Concen: 46.983 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

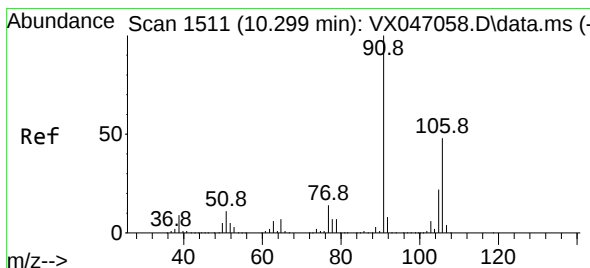
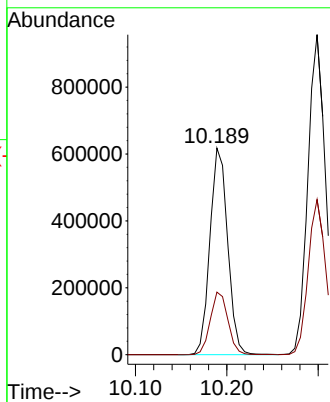
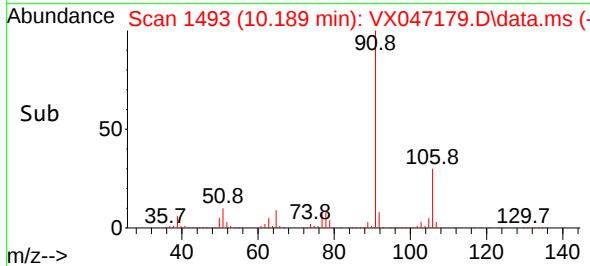
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 830589
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4

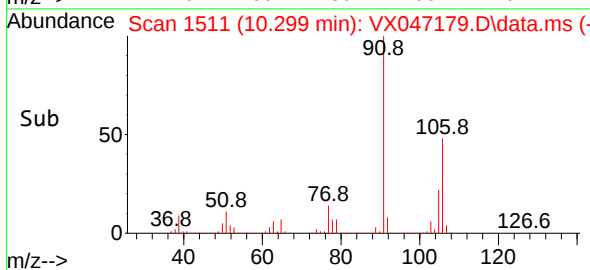
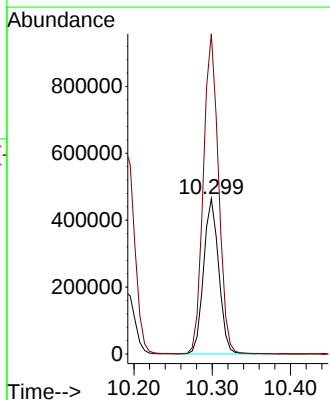
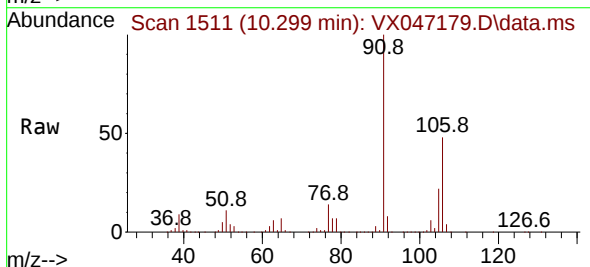
Manual Integrations
APPROVED

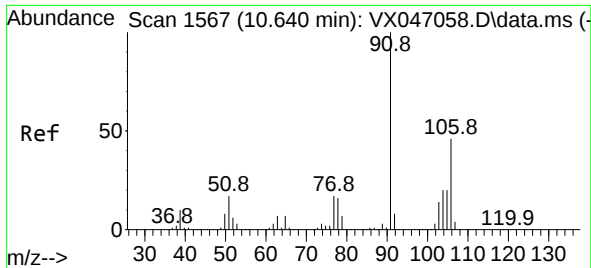
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#68
m/p-Xylenes
Concen: 93.807 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

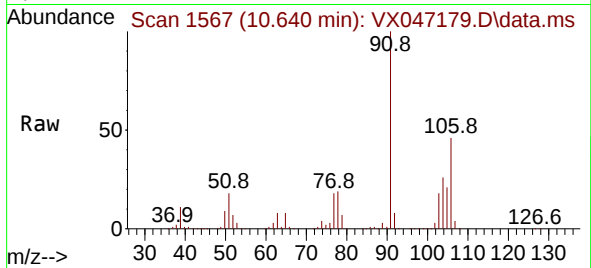
Tgt Ion:106 Resp: 620604
Ion Ratio Lower Upper
106 100
91 207.5 167.4 251.0





#69
o-Xylene
Concen: 47.722 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

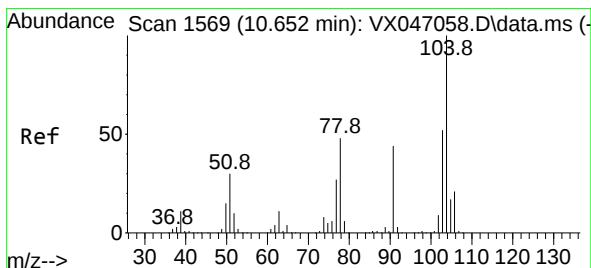
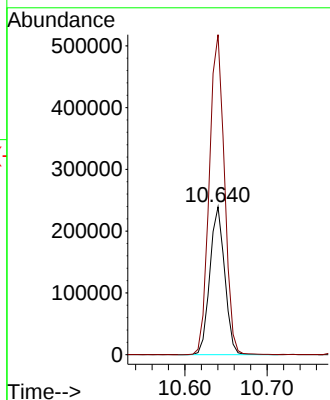
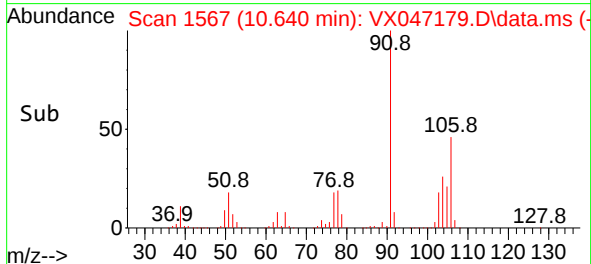
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 300344
Ion Ratio Lower Upper
106 100
91 221.0 110.3 331.0

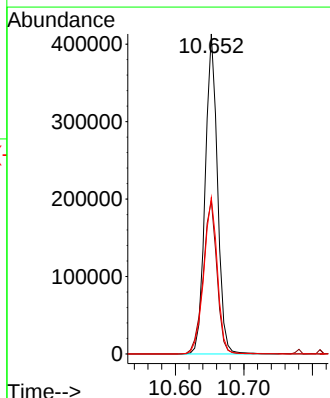
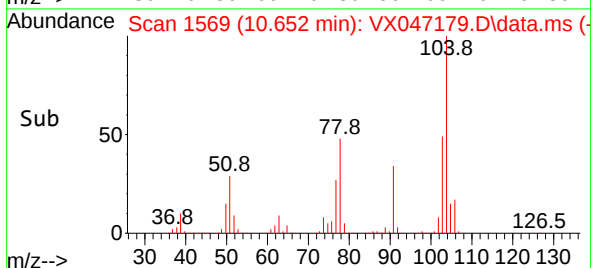
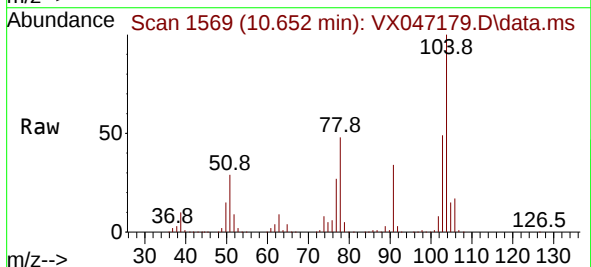
Manual Integrations
APPROVED

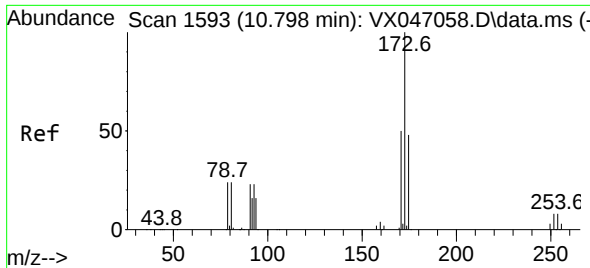
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#70
Styrene
Concen: 47.836 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

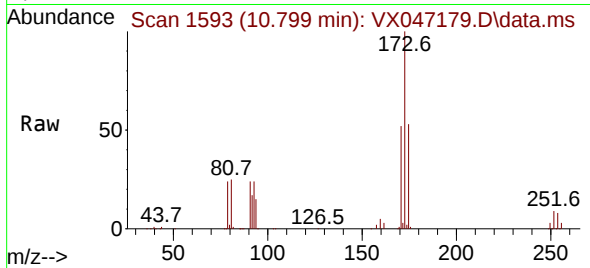
Tgt Ion:104 Resp: 516250
Ion Ratio Lower Upper
104 100
78 53.5 42.0 63.0
103 54.1 43.8 65.6





#71
Bromoform
Concen: 49.914 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

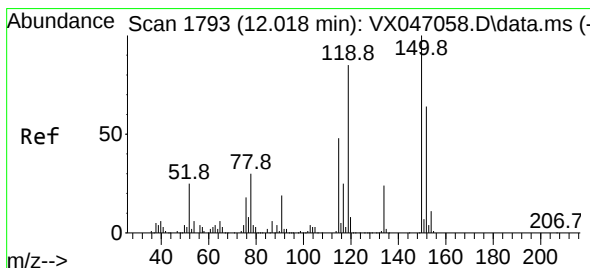
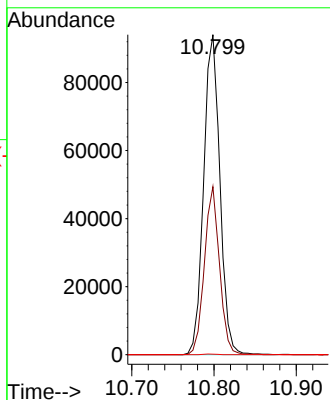
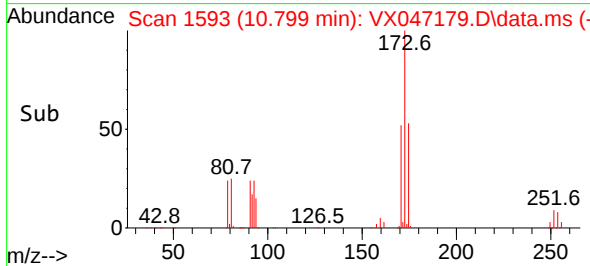
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



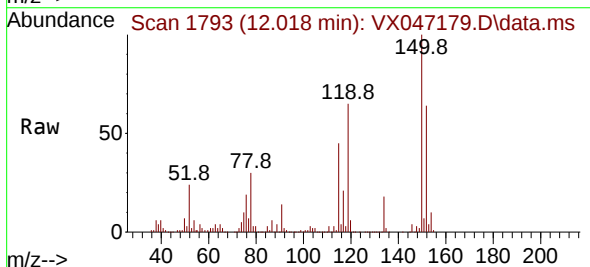
Tgt Ion:173 Resp: 129072
Ion Ratio Lower Upper
173 100
175 48.9 24.2 72.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

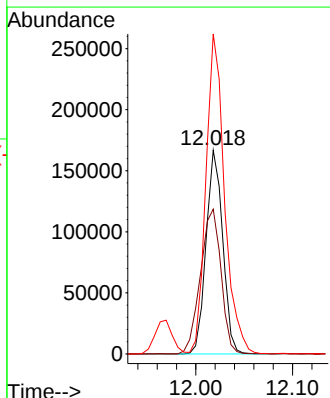
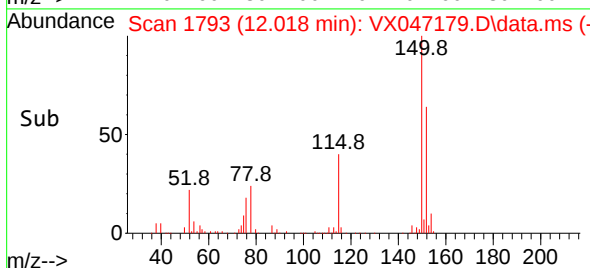
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025

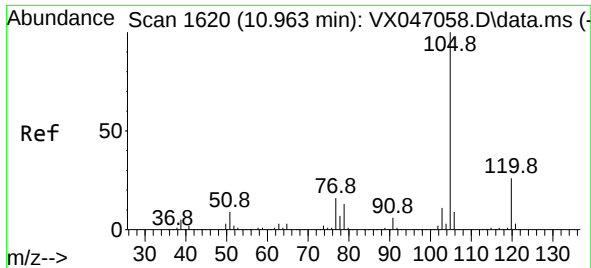


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14



Tgt Ion:152 Resp: 200484
Ion Ratio Lower Upper
152 100
115 87.4 45.6 136.7
150 174.5 0.0 354.6





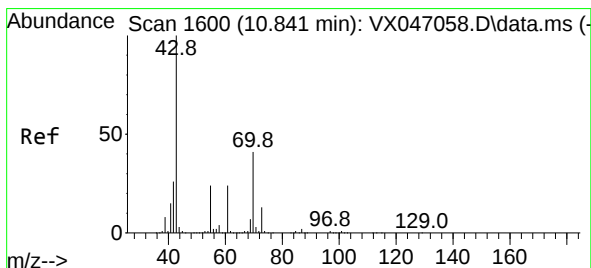
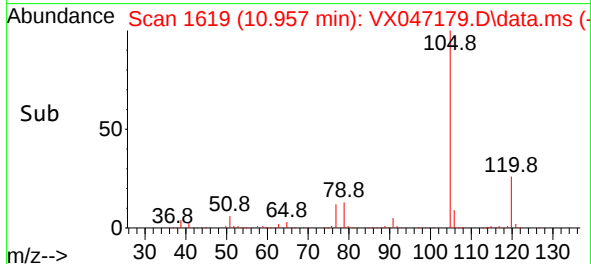
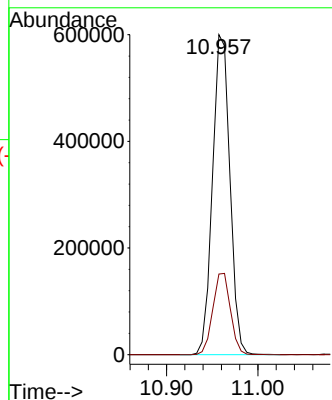
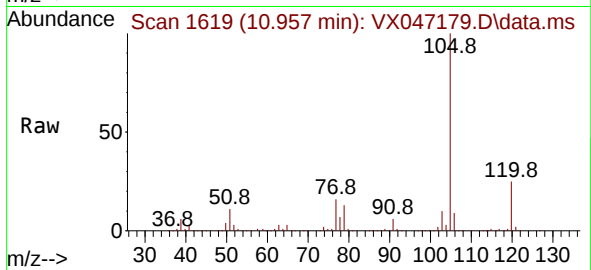
#73
Isopropylbenzene
Concen: 50.037 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 791438
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7

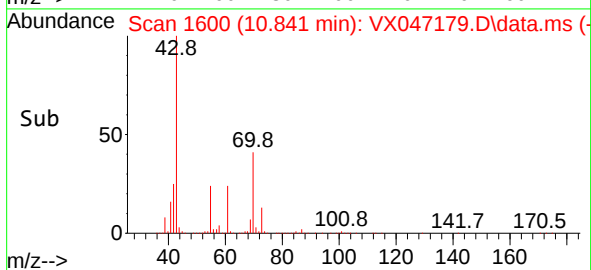
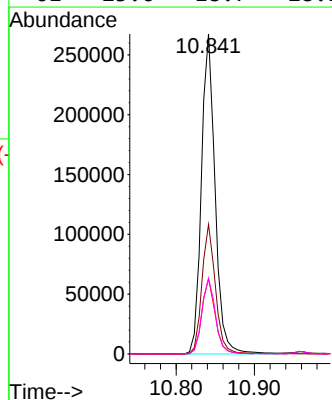
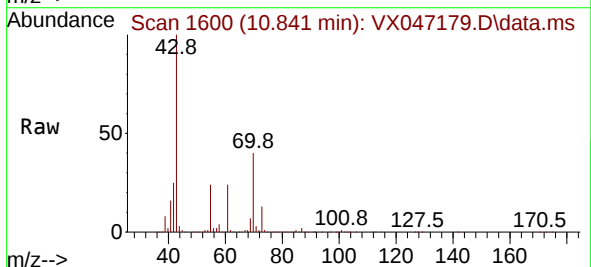
Manual Integrations
APPROVED

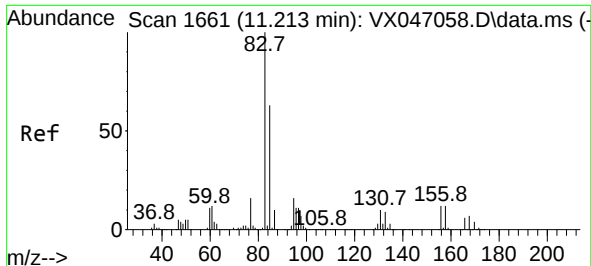
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#74
N-ethyl acetate
Concen: 50.817 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

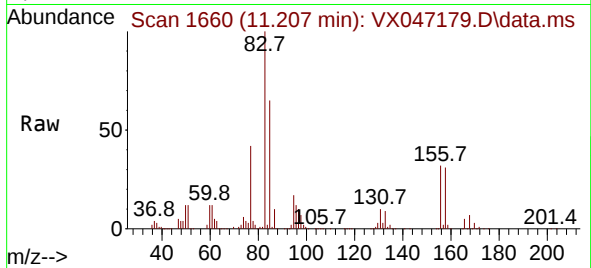
Tgt Ion: 43 Resp: 324309
Ion Ratio Lower Upper
43 100
70 40.3 32.3 48.5
55 23.2 18.9 28.3
61 23.6 18.7 28.1





#75
1,1,2,2-Tetrachloroethane
Concen: 50.478 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

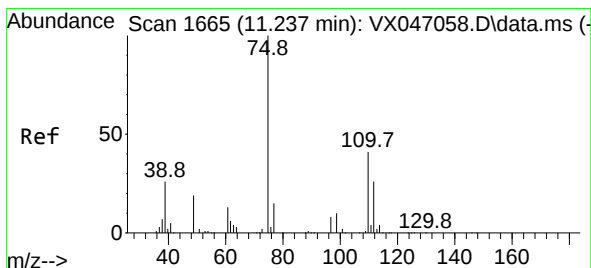
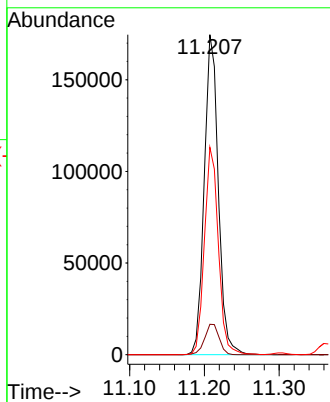
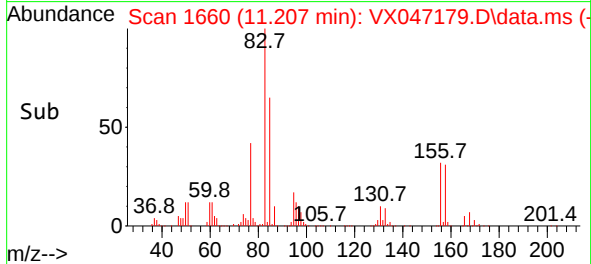
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 22806
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.3 32.0 96.2

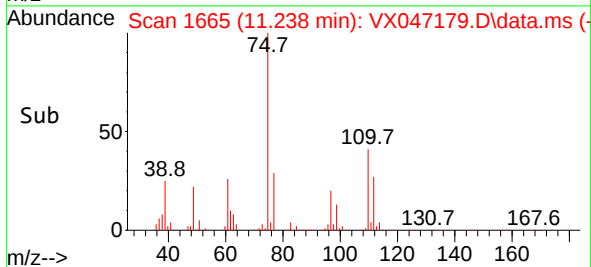
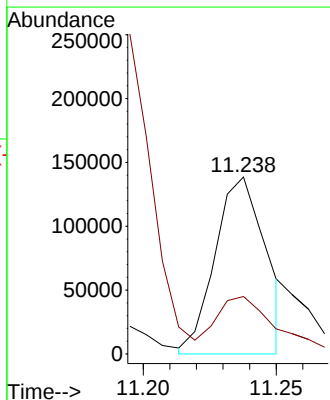
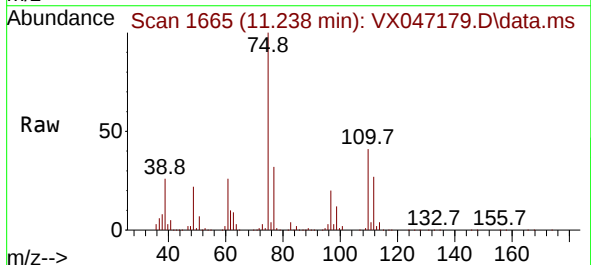
Manual Integrations
APPROVED

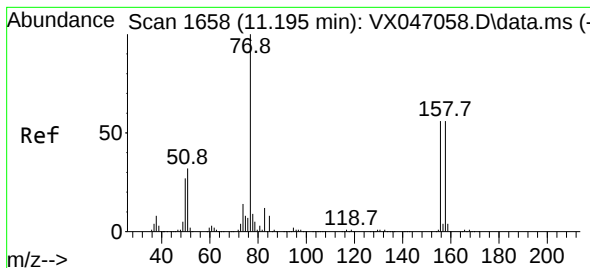
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#76
1,2,3-Trichloropropane
Concen: 49.265 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

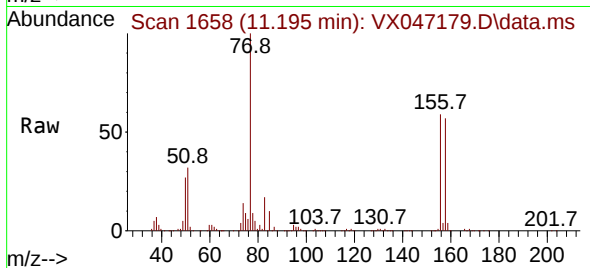
Tgt Ion: 75 Resp: 182817
Ion Ratio Lower Upper
75 100
77 39.4 21.6 65.0





#77
Bromobenzene
Concen: 49.311 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

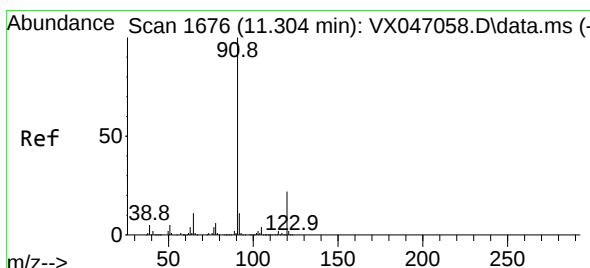
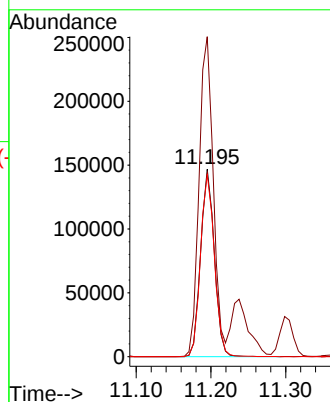
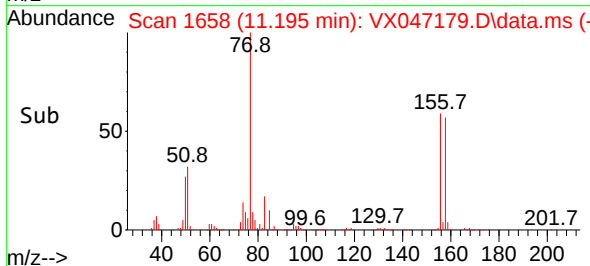
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 156 Resp: 187075
Ion Ratio Lower Upper
156 100
77 176.7 87.3 261.9
158 98.7 48.9 146.6

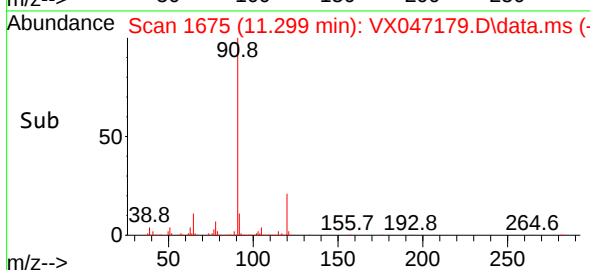
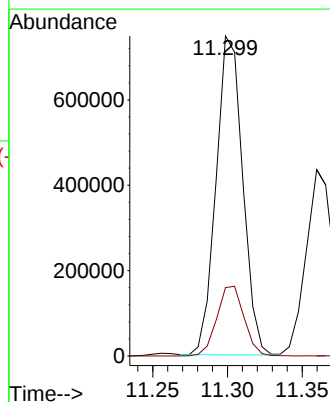
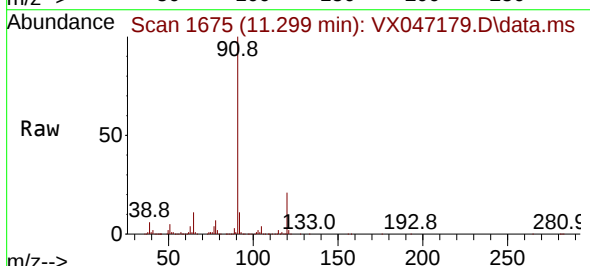
Manual Integrations
APPROVED

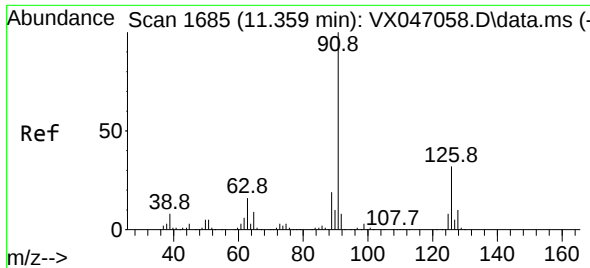
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#78
n-propylbenzene
Concen: 48.971 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

Tgt Ion: 91 Resp: 925597
Ion Ratio Lower Upper
91 100
120 22.4 11.0 33.0





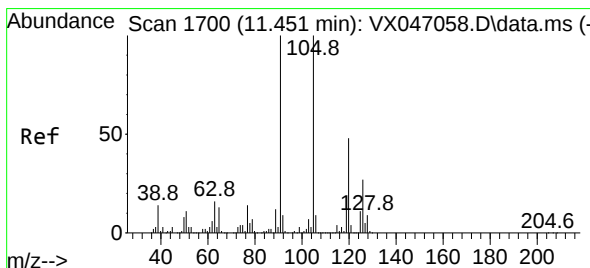
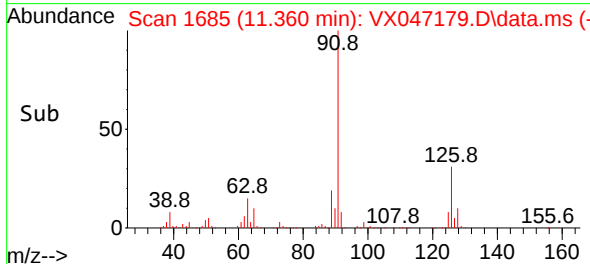
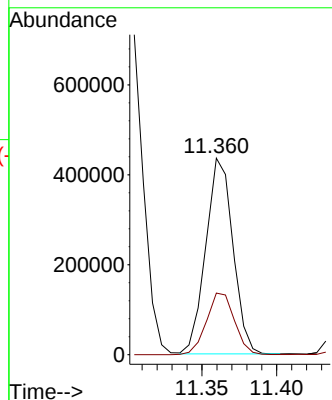
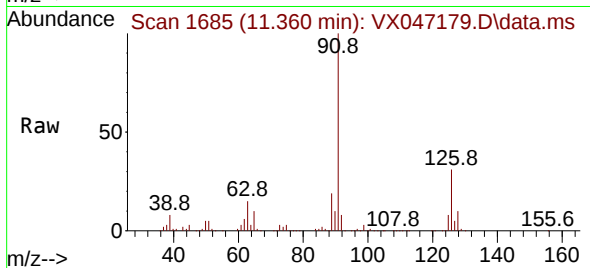
#79
2-Chlorotoluene
Concen: 48.751 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 550815
Ion Ratio Lower Upper
91 100
126 32.5 16.4 49.4

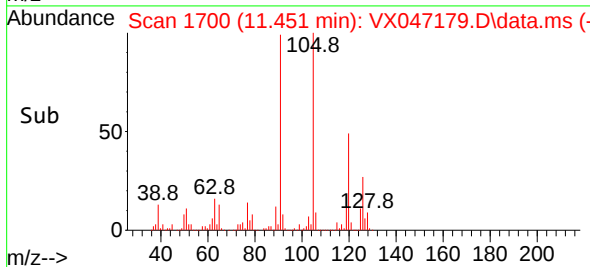
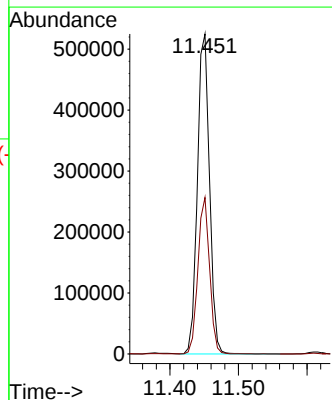
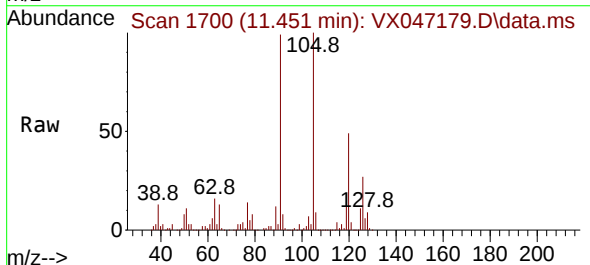
Manual Integrations
APPROVED

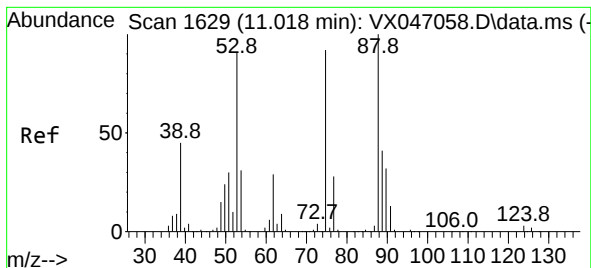
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.301 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

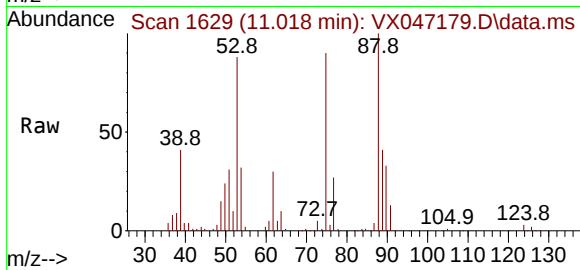
Tgt Ion:105 Resp: 644226
Ion Ratio Lower Upper
105 100
120 47.4 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 29.342 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

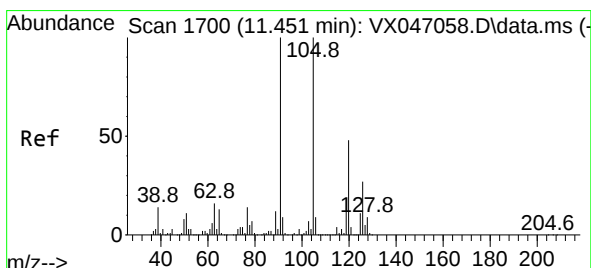
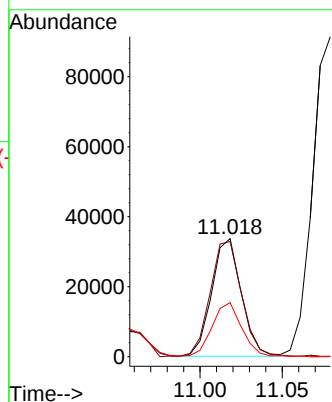
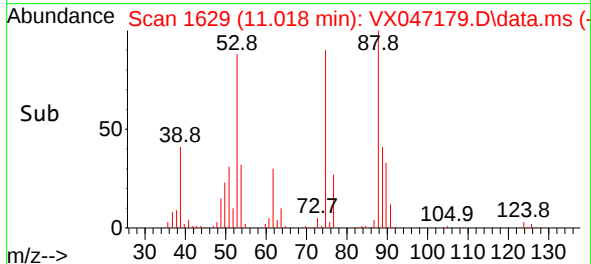
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 42262
Ion Ratio Lower Upper
75 100
53 102.7 84.2 126.4
89 46.2 36.0 54.0

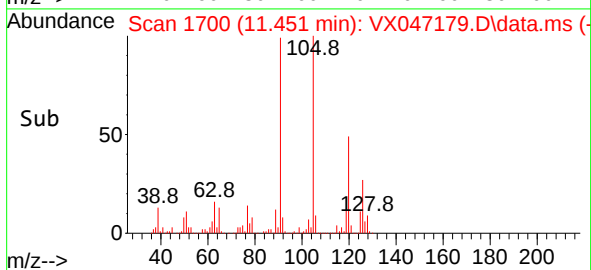
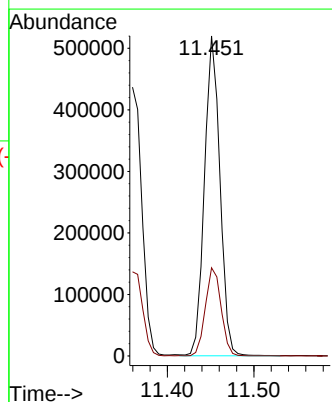
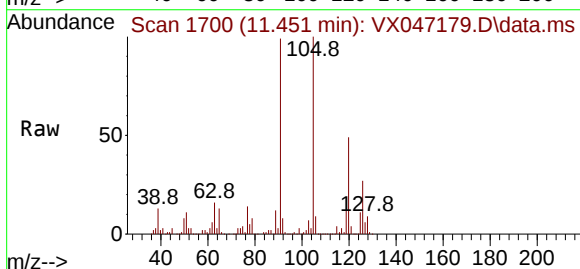
Manual Integrations
APPROVED

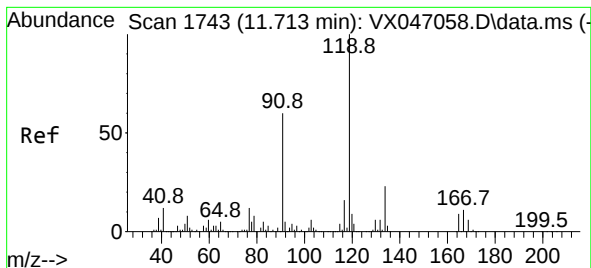
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#82
4-Chlorotoluene
Concen: 48.878 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

Tgt Ion: 91 Resp: 644589
Ion Ratio Lower Upper
91 100
126 28.1 14.1 42.3





#83

tert-Butylbenzene

Concen: 50.672 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047179.D

Acq: 30 Jul 2025 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 664590

Ion Ratio Lower Upper

119 100

91 59.1 29.6 88.8

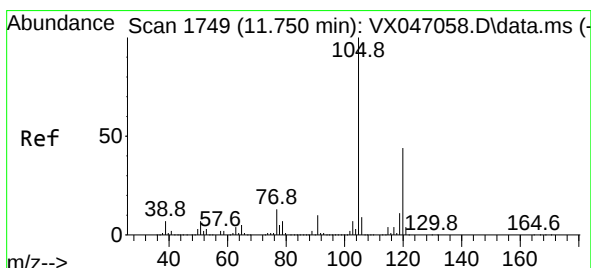
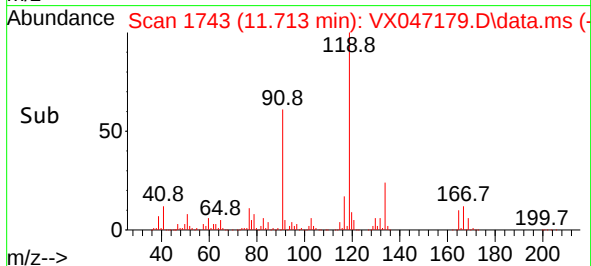
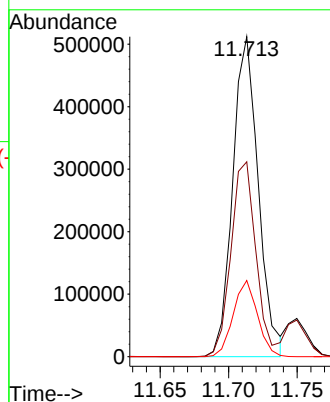
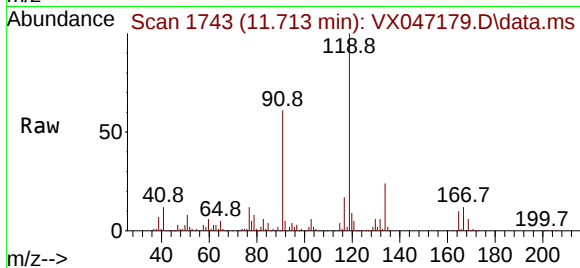
134 22.6 11.4 34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2025

Supervised By :Mahesh Dadoda 07/31/2025



#84

1,2,4-Trimethylbenzene

Concen: 49.636 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047179.D

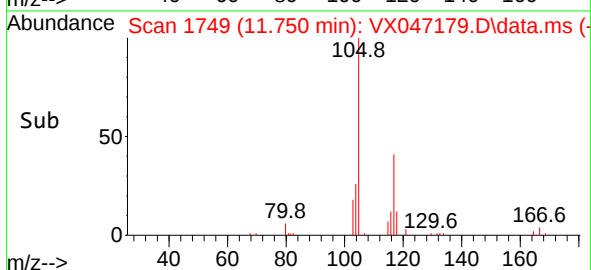
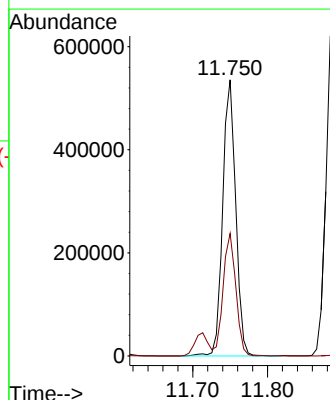
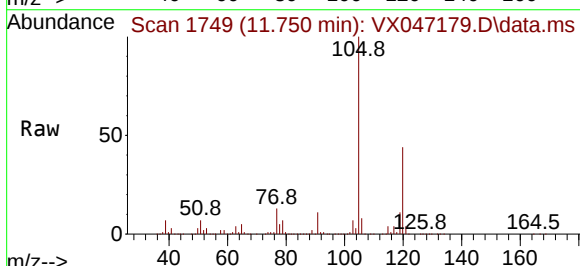
Acq: 30 Jul 2025 09:14

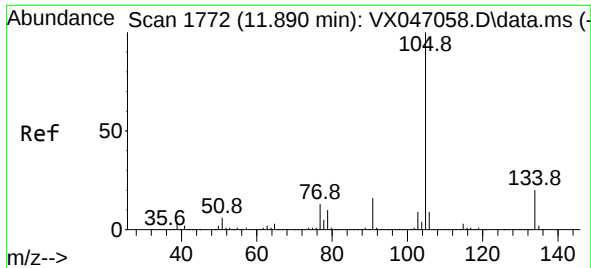
Tgt Ion:105 Resp: 646941

Ion Ratio Lower Upper

105 100

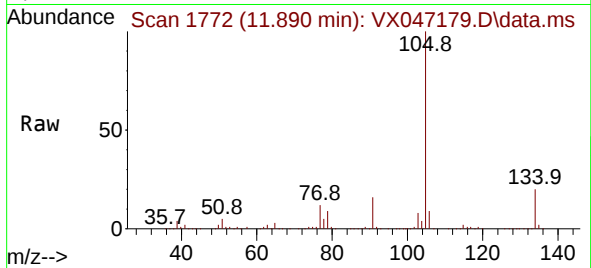
120 43.6 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 49.251 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047179.D
 Acq: 30 Jul 2025 09:14

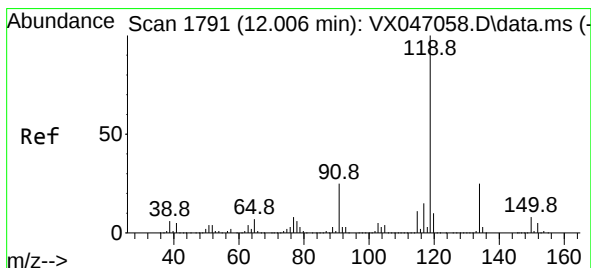
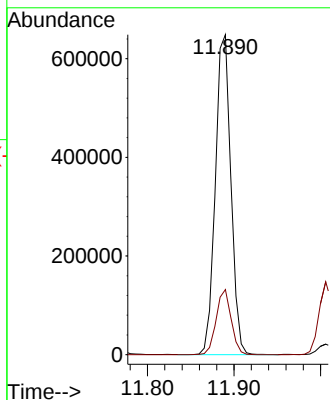
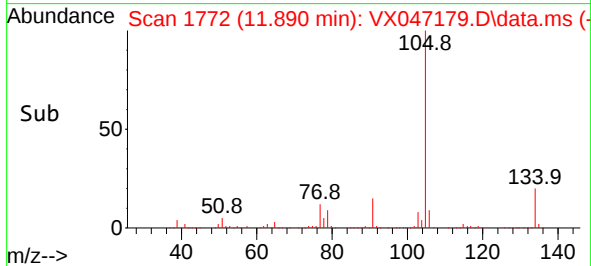
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



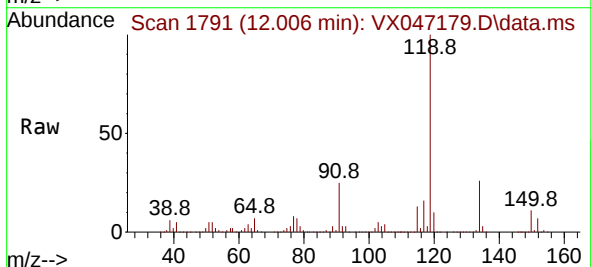
Tgt Ion:105 Resp: 807089
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7

Manual Integrations
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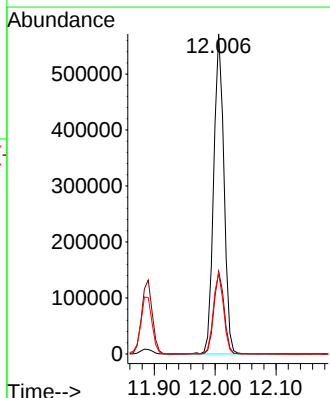
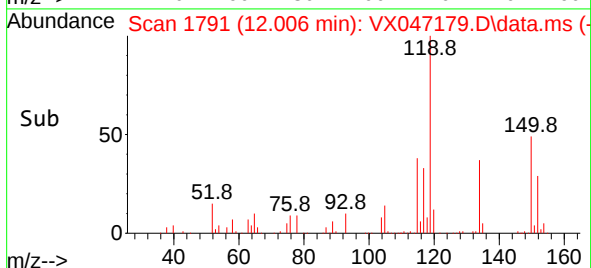
Reviewed By :John Carlone 07/31/2025
 Supervised By :Mahesh Dadoda 07/31/2025

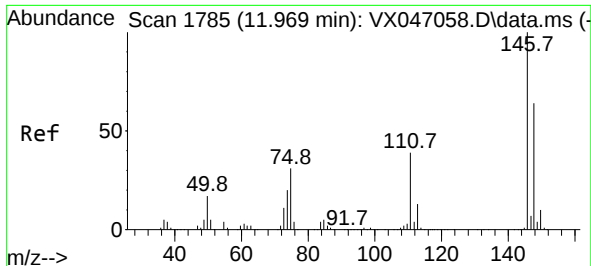


#86
 p-Isopropyltoluene
 Concen: 48.990 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047179.D
 Acq: 30 Jul 2025 09:14



Tgt Ion:119 Resp: 665750
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 25.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.521 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047179.D

Acq: 30 Jul 2025 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 349759

Ion Ratio Lower Upper

146 100

111 42.1 21.0 63.0

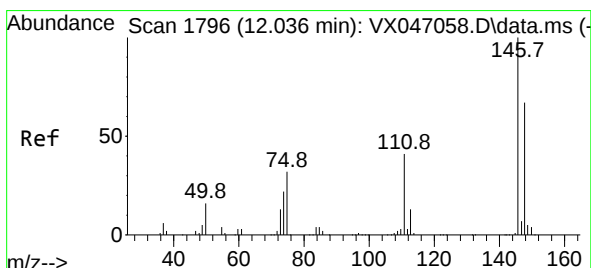
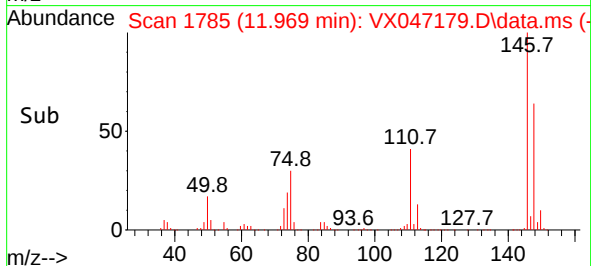
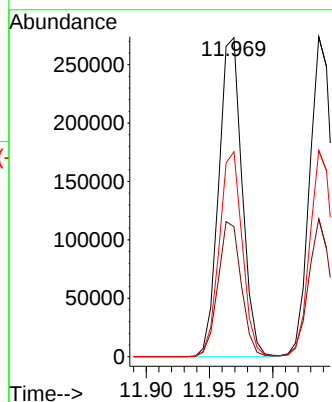
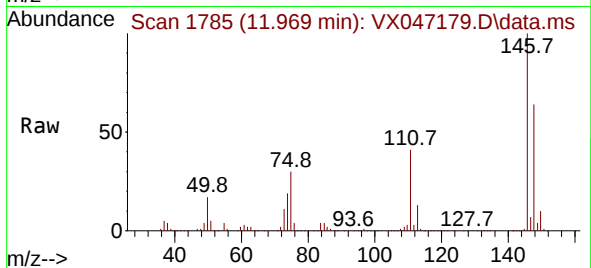
148 63.4 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2025

Supervised By :Mahesh Dadoda 07/31/2025



#88

1,4-Dichlorobenzene

Concen: 46.929 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047179.D

Acq: 30 Jul 2025 09:14

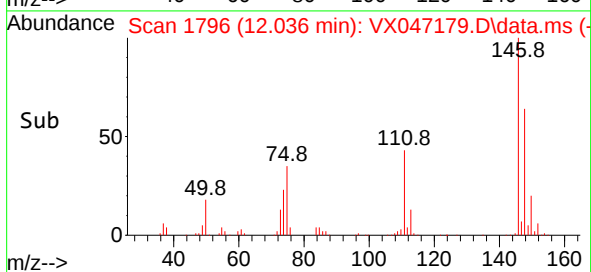
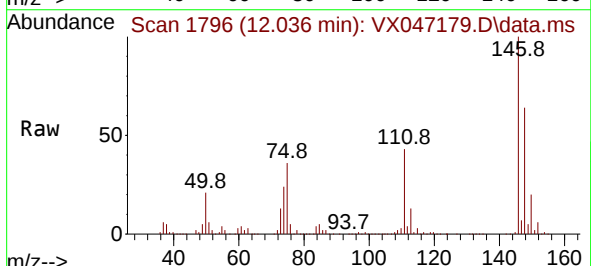
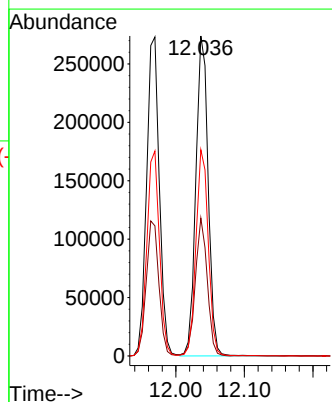
Tgt Ion:146 Resp: 342727

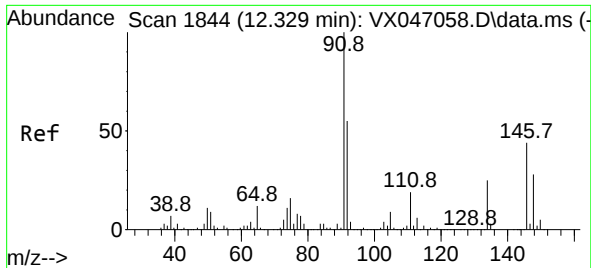
Ion Ratio Lower Upper

146 100

111 41.8 20.6 61.9

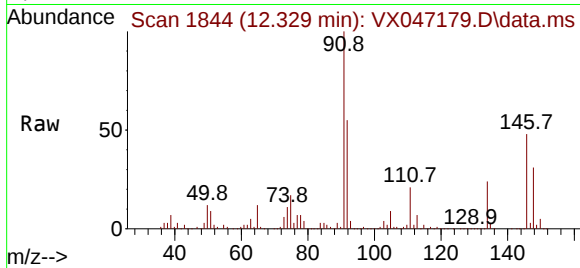
148 64.2 33.0 98.9





#89
n-Butylbenzene
Concen: 48.200 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

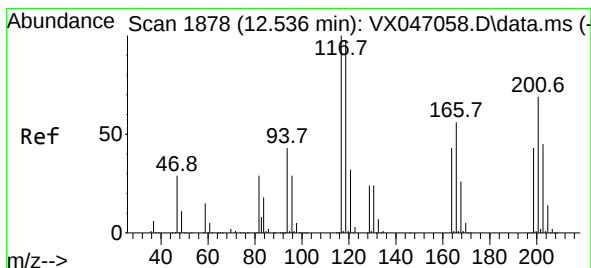
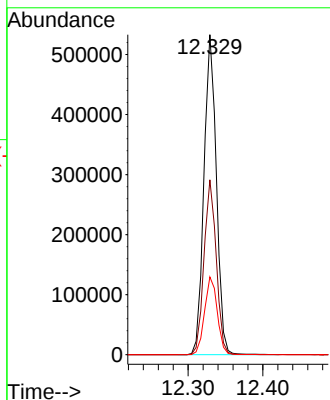
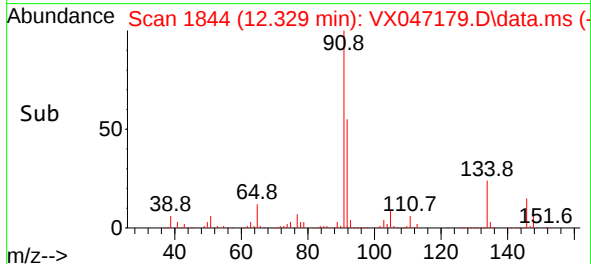
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 614268
Ion Ratio Lower Upper
91 100
92 54.0 27.5 82.5
134 24.9 12.8 38.3

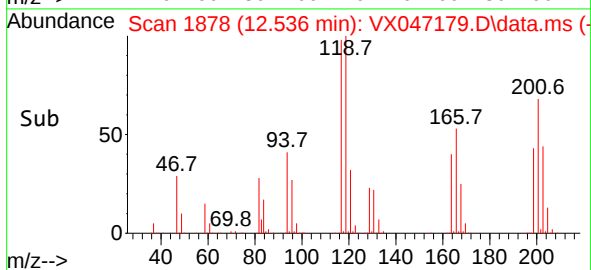
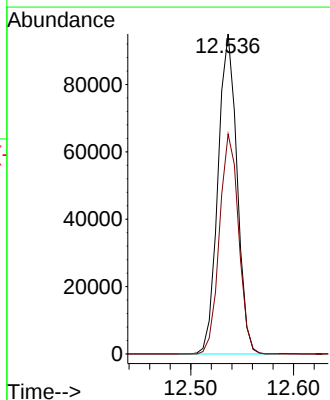
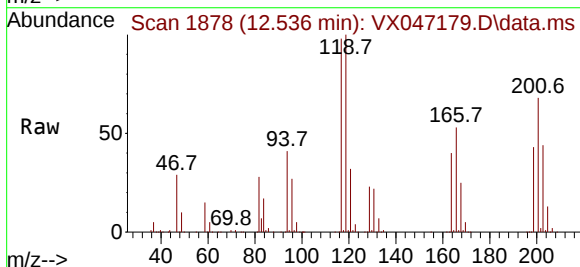
Manual Integrations
APPROVED

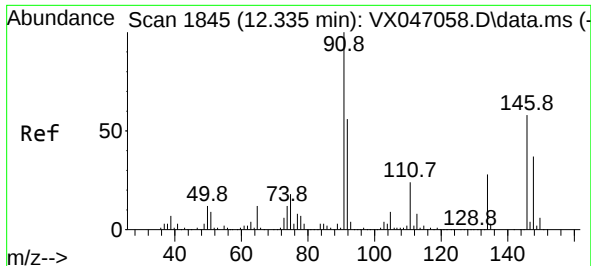
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#90
Hexachloroethane
Concen: 50.230 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

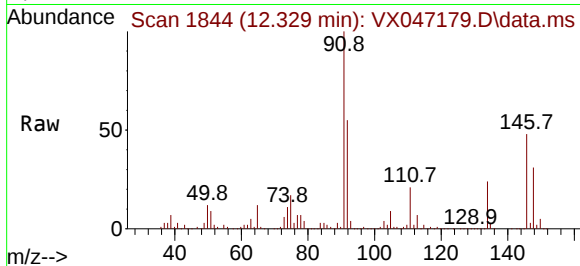
Tgt Ion:117 Resp: 122115
Ion Ratio Lower Upper
117 100
201 69.0 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 48.184 ug/l
RT: 12.329 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

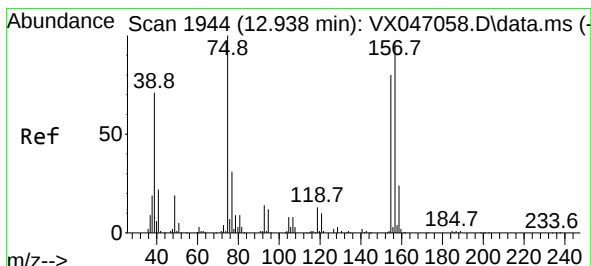
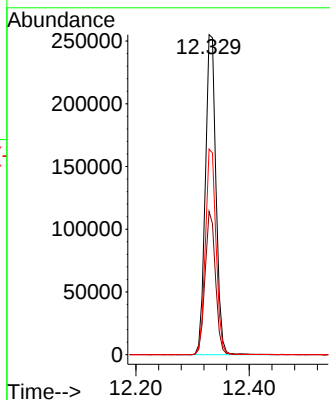
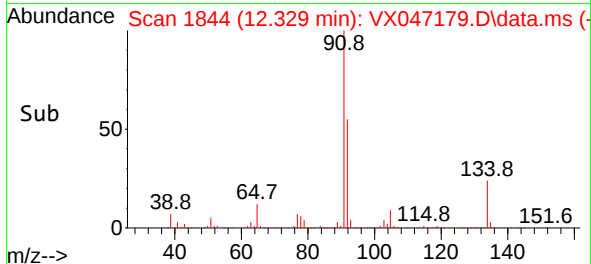
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 331959
Ion Ratio Lower Upper
146 100
111 43.8 21.6 64.6
148 64.5 31.9 95.7

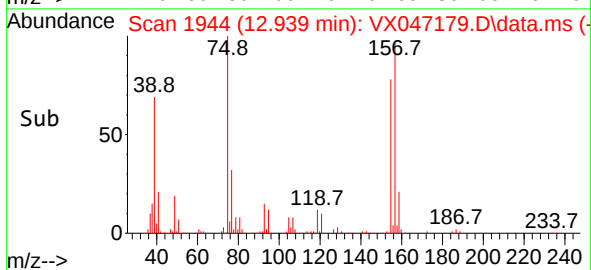
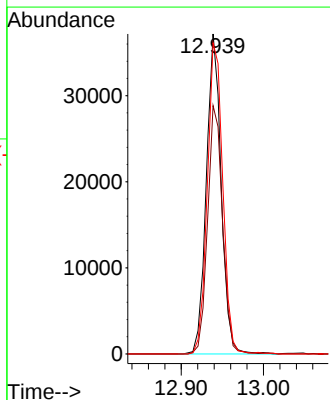
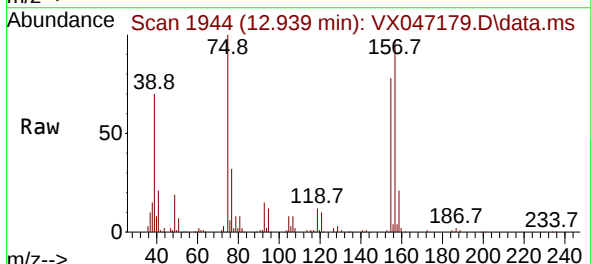
Manual Integrations
APPROVED

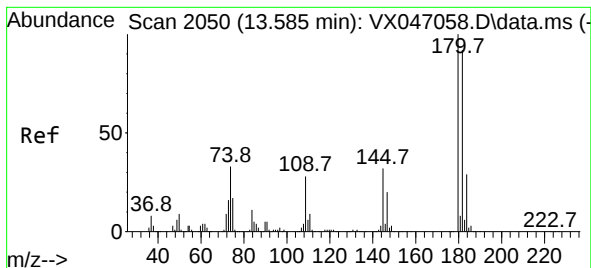
Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.640 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

Tgt Ion: 75 Resp: 46519
Ion Ratio Lower Upper
75 100
155 78.3 41.3 124.1
157 100.9 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 48.170 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047179.D

Acq: 30 Jul 2025 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 21926

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.8

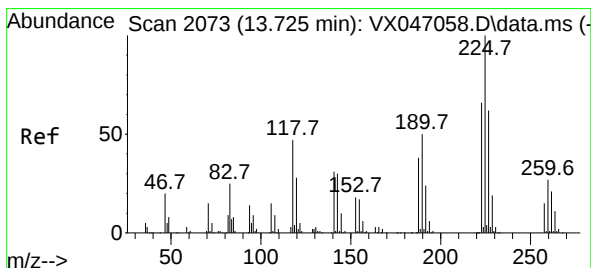
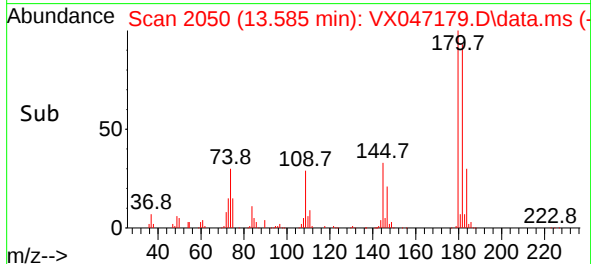
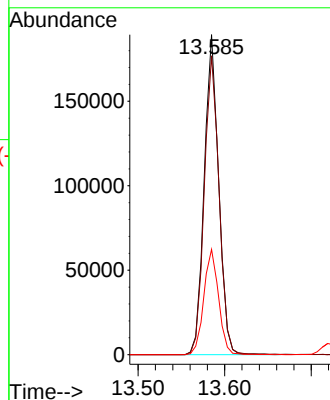
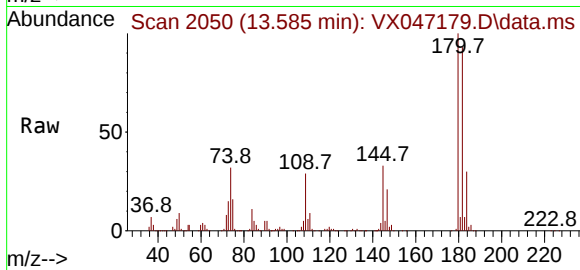
145 33.6 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2025

Supervised By :Mahesh Dadoda 07/31/2025



#94

Hexachlorobutadiene

Concen: 48.287 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX047179.D

Acq: 30 Jul 2025 09:14

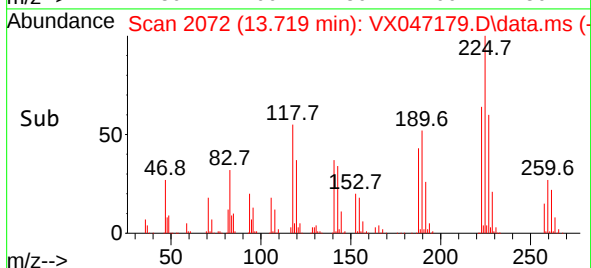
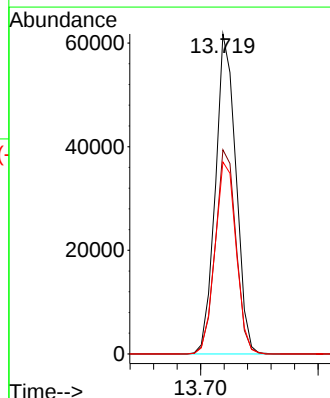
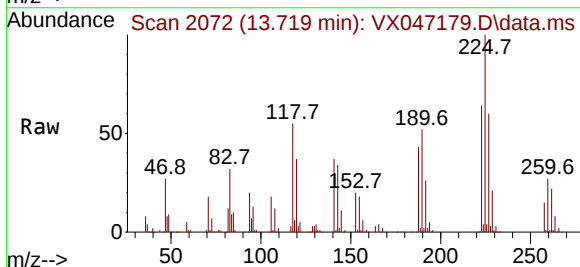
Tgt Ion:225 Resp: 74751

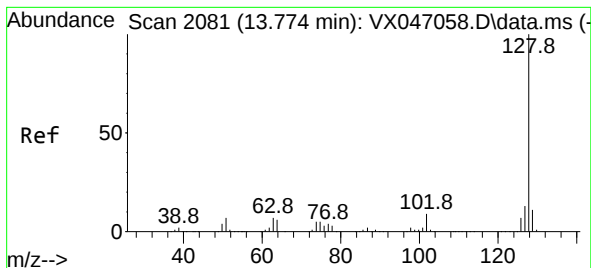
Ion Ratio Lower Upper

225 100

223 64.3 31.6 95.0

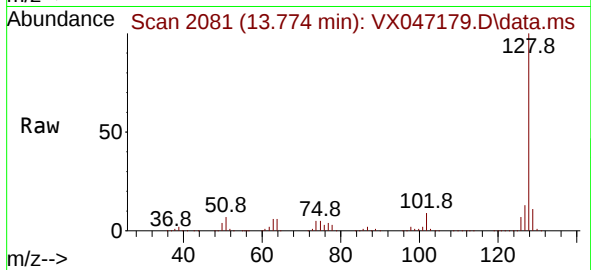
227 62.1 32.9 98.6





#95
Naphthalene
Concen: 52.397 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14

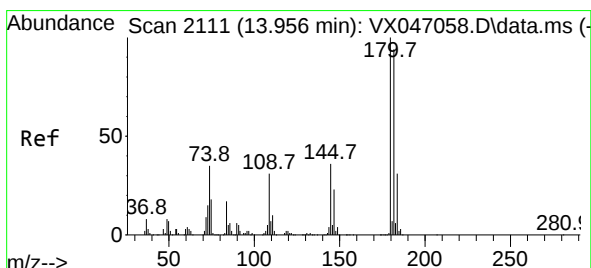
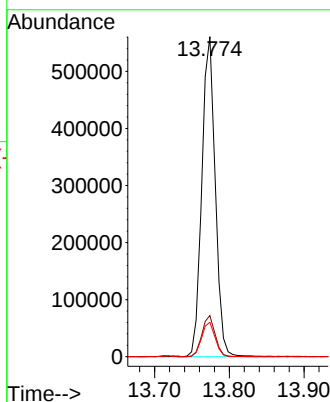
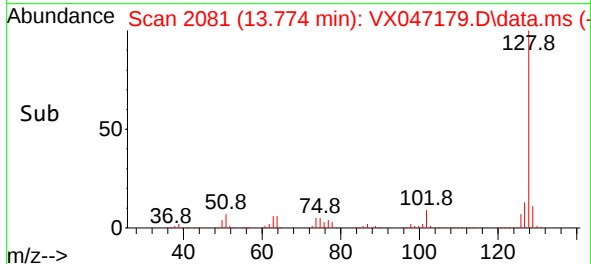
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



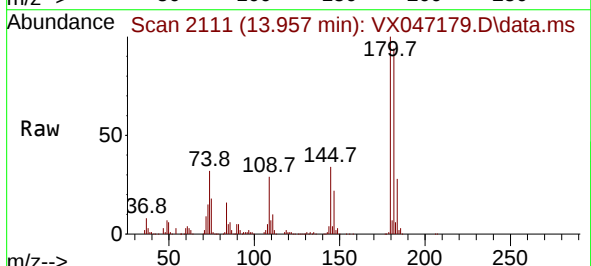
Tgt Ion:128 Resp: 69919
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2025
Supervised By :Mahesh Dadoda 07/31/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.102 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047179.D
Acq: 30 Jul 2025 09:14



Tgt Ion:180 Resp: 215322
Ion Ratio Lower Upper
180 100
182 94.8 46.9 140.6
145 34.5 17.3 52.0

