

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070925\
 Data File : VX046920.D
 Acq On : 09 Jul 2025 09:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 10 02:53:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 10 02:52:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	336220	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	548389	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	478293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	238052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	221306	49.824	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.640%
35) Dibromofluoromethane	5.385	113	190051	51.055	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.100%
50) Toluene-d8	8.647	98	637208	48.517	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.040%
62) 4-Bromofluorobenzene	11.079	95	243468	48.776	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	193099	60.053	ug/l	99
3) Chloromethane	1.307	50	207213	58.983	ug/l	97
4) Vinyl Chloride	1.386	62	224274	58.623	ug/l	99
5) Bromomethane	1.624	94	140147	57.014	ug/l	100
6) Chloroethane	1.703	64	140948	55.795	ug/l	99
7) Trichlorofluoromethane	1.904	101	349004	58.999	ug/l	97
8) Diethyl Ether	2.142	74	125131	59.441	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	222856	59.123	ug/l	99
10) Methyl Iodide	2.465	142	238989	58.197	ug/l	98
11) Tert butyl alcohol	2.953	59	84326	289.466	ug/l	100
12) 1,1-Dichloroethene	2.331	96	207254	56.847	ug/l	97
13) Acrolein	2.245	56	109967	316.117	ug/l	100
14) Allyl chloride	2.678	41	374515	57.698	ug/l	99
15) Acrylonitrile	3.068	53	486323	288.742	ug/l	100
16) Acetone	2.380	43	409146	296.544	ug/l	98
17) Carbon Disulfide	2.526	76	510024	53.343	ug/l	98
18) Methyl Acetate	2.709	43	232915	64.048	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	604518	58.716	ug/l	98
20) Methylene Chloride	2.800	84	231948	56.852	ug/l	97
21) trans-1,2-Dichloroethene	3.099	96	211969	56.818	ug/l	99
22) Diisopropyl ether	3.763	45	748520	59.689	ug/l	97
23) Vinyl Acetate	3.727	43	2718105	289.317	ug/l	98
24) 1,1-Dichloroethane	3.617	63	409233	57.220	ug/l	100
25) 2-Butanone	4.550	43	534752	290.501	ug/l	98
26) 2,2-Dichloropropane	4.483	77	295885	55.590	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	257106	56.446	ug/l	99
28) Bromochloromethane	4.897	49	192782	54.618	ug/l	98
29) Tetrahydrofuran	5.001	42	334797	285.313	ug/l	99
30) Chloroform	5.093	83	409134	55.995	ug/l	99
31) Cyclohexane	5.477	56	335786	52.886	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	337856	55.346	ug/l	99
36) 1,1-Dichloropropene	5.696	75	269085	53.577	ug/l	99
37) Ethyl Acetate	4.708	43	221671	51.820	ug/l	98
38) Carbon Tetrachloride	5.684	117	296678	55.874	ug/l	98
39) Methylcyclohexane	7.379	83	328976	52.363	ug/l	97
40) Benzene	6.037	78	831804	54.756	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	143915	63.068	ug/l	97
42) 1,2-Dichloroethane	6.086	62	286274	55.497	ug/l	99
43) Isopropyl Acetate	6.336	43	372381	56.834	ug/l	100
44) Trichloroethene	7.129	130	210317	53.185	ug/l	94
45) 1,2-Dichloropropane	7.427	63	210399	54.819	ug/l	99
46) Dibromomethane	7.580	93	145470	54.704	ug/l	99
47) Bromodichloromethane	7.818	83	315438	55.553	ug/l	95
48) Methyl methacrylate	7.690	41	192745	56.972	ug/l	99
49) 1,4-Dioxane	7.653	88	44490	1134.930	ug/l	97
51) 4-Methyl-2-Pentanone	8.567	43	1088733	281.553	ug/l	100
52) Toluene	8.714	92	504228	53.564	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	285184	56.277	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	322788	55.805	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	194513	55.476	ug/l	98
56) Ethyl methacrylate	9.110	69	269907	55.617	ug/l	97
57) 1,3-Dichloropropane	9.305	76	330795	54.790	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	763830	279.340	ug/l	100
59) 2-Hexanone	9.427	43	734742	286.460	ug/l	99
60) Dibromochloromethane	9.519	129	233430	55.630	ug/l	98
61) 1,2-Dibromoethane	9.604	107	191649	54.424	ug/l	100
64) Tetrachloroethene	9.269	164	168048	52.771	ug/l	97
65) Chlorobenzene	10.079	112	563873	54.528	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	197562	56.832	ug/l	99
67) Ethyl Benzene	10.189	91	975441	55.081	ug/l	100
68) m/p-Xylenes	10.299	106	739446	110.810	ug/l	99
69) o-Xylene	10.640	106	355099	55.089	ug/l	100
70) Styrene	10.652	104	624346	56.613	ug/l	100
71) Bromoform	10.793	173	145448	56.272	ug/l	99
73) Isopropylbenzene	10.957	105	945846	56.521	ug/l	99
74) N-amyl acetate	10.841	43	323042	56.808	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	253214	55.028	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	263442	71.622	ug/l	86
77) Bromobenzene	11.195	156	227398	54.554	ug/l	97
78) n-propylbenzene	11.299	91	1111327	55.075	ug/l	99
79) 2-Chlorotoluene	11.360	91	657954	55.222	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	763217	56.129	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.012	75	76991	56.170	ug/l	98
82) 4-Chlorotoluene	11.451	91	766643	55.758	ug/l	100
83) tert-Butylbenzene	11.713	119	789770	56.236	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	765021	55.663	ug/l	97
85) sec-Butylbenzene	11.890	105	960421	54.240	ug/l	100
86) p-Isopropyltoluene	12.006	119	811483	54.726	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	425860	54.628	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	430581	53.071	ug/l	98
89) n-Butylbenzene	12.329	91	749009	53.760	ug/l	99
90) Hexachloroethane	12.536	117	145438	55.329	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	407526	53.945	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	44186	54.902	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	270399	52.687	ug/l	98
94) Hexachlorobutadiene	13.719	225	93649	48.386	ug/l	97
95) Naphthalene	13.774	128	768933	56.859	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	263937	54.429	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Jul 10 02:52:52 2025
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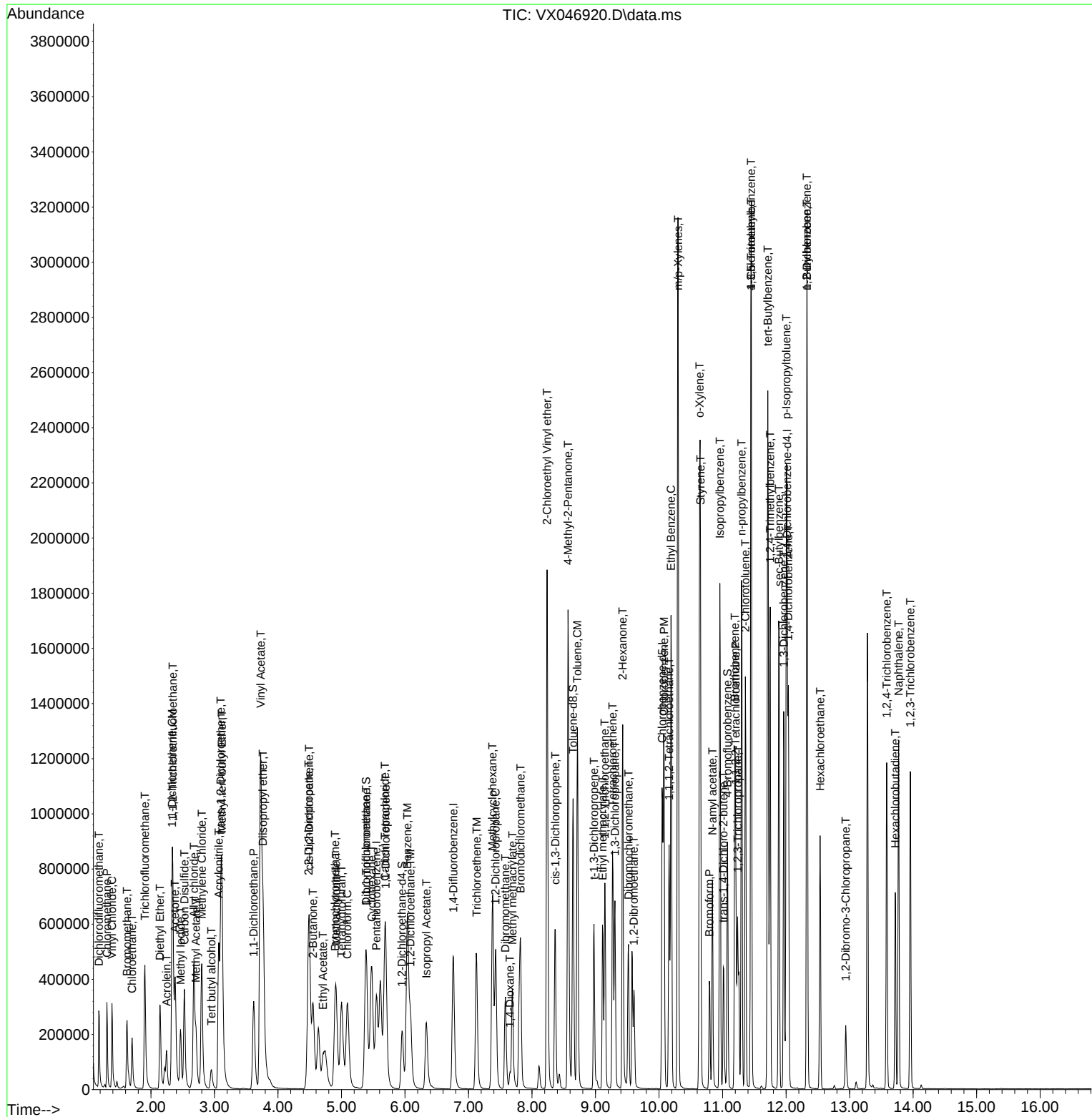
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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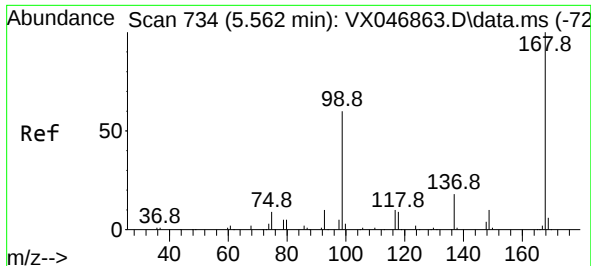
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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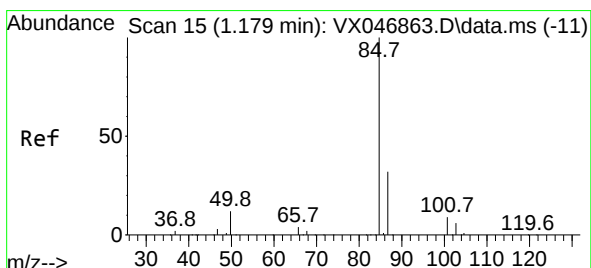
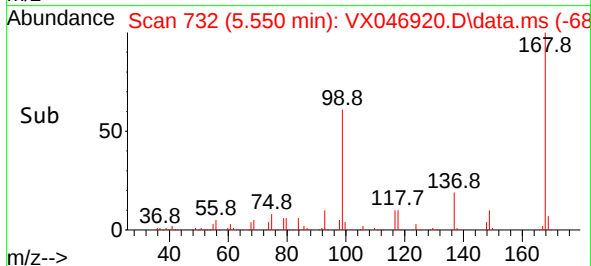
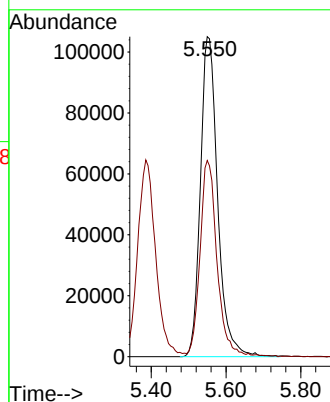
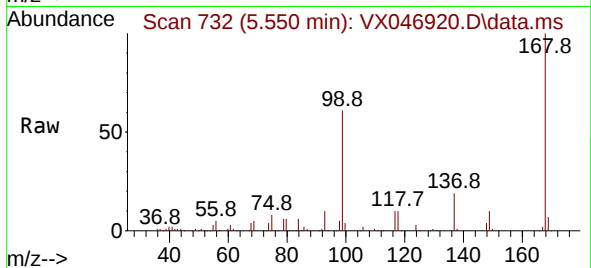




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.012 min
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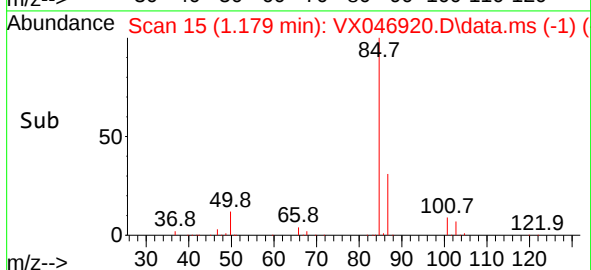
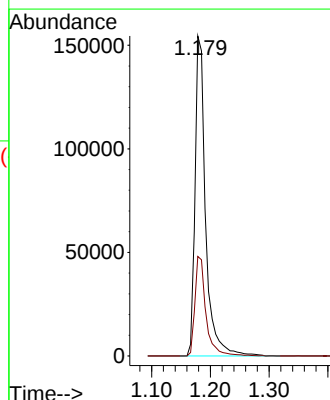
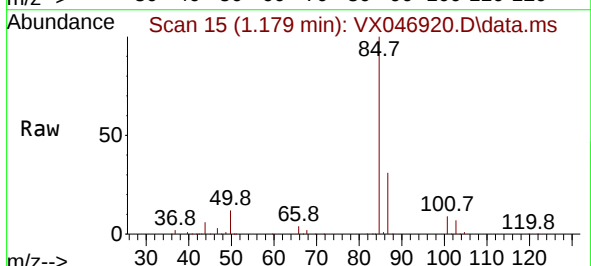
Instrument :
MSVOA_X
ClientSampleId :
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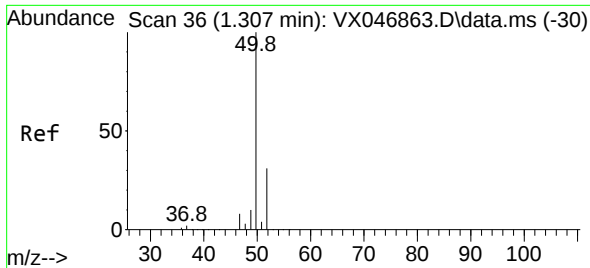
Tgt Ion:168 Resp: 336220
Ion Ratio Lower Upper
168 100
99 61.2 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 60.053 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.000 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

Tgt Ion: 85 Resp: 193099
Ion Ratio Lower Upper
85 100
87 31.1 16.0 47.9

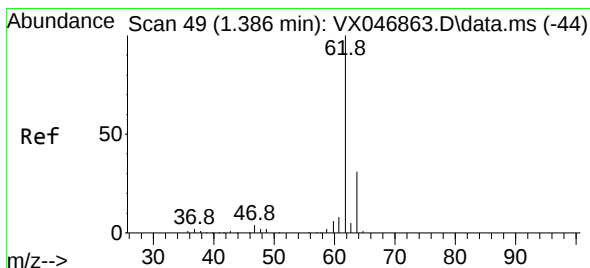
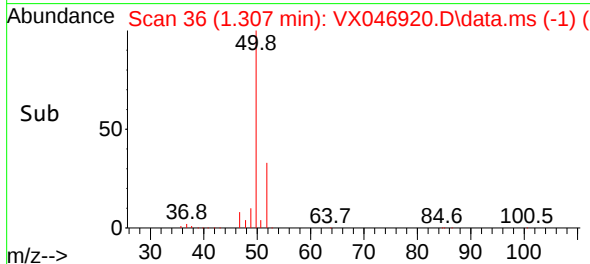
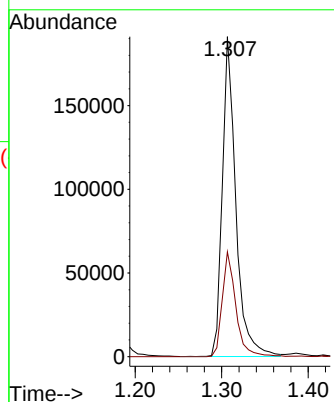
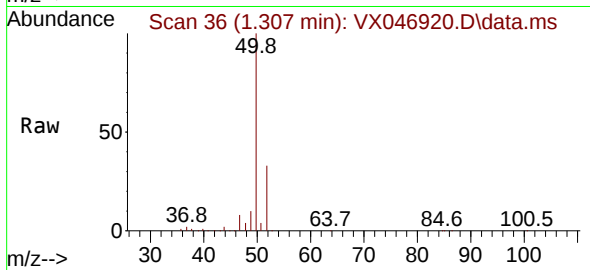




#3
Chloromethane
Concen: 58.983 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

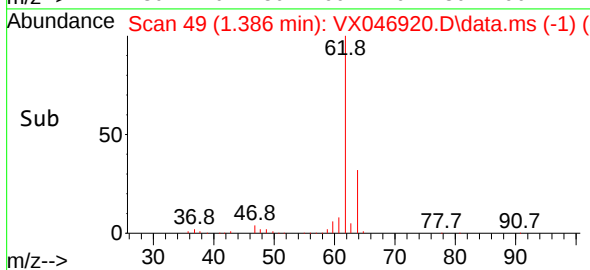
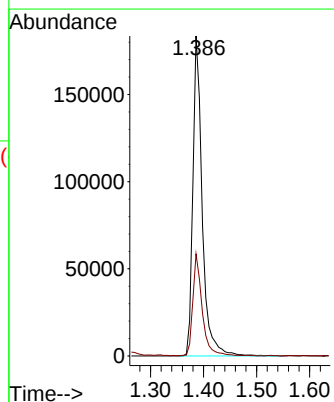
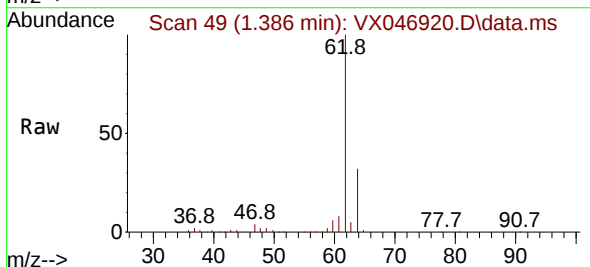
Instrument :
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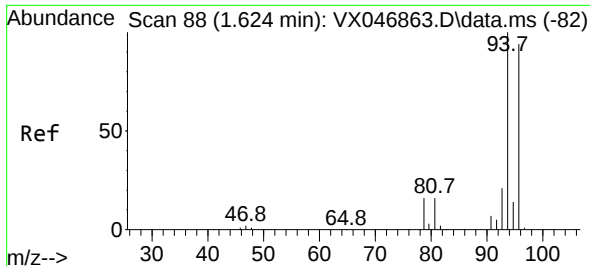
Tgt Ion: 50 Resp: 207213
Ion Ratio Lower Upper
50 100
52 32.8 25.0 37.4



#4
Vinyl Chloride
Concen: 58.623 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

Tgt Ion: 62 Resp: 224274
Ion Ratio Lower Upper
62 100
64 31.9 25.0 37.4

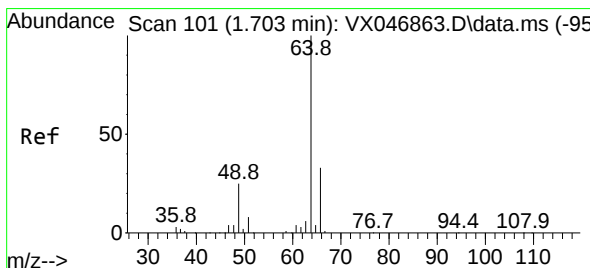
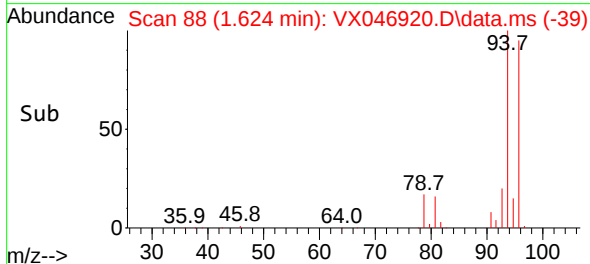
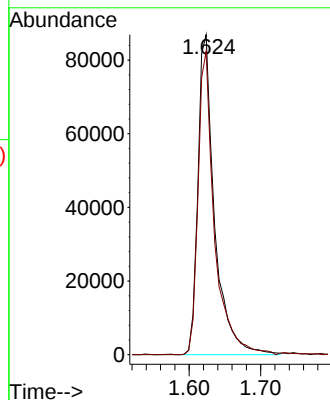
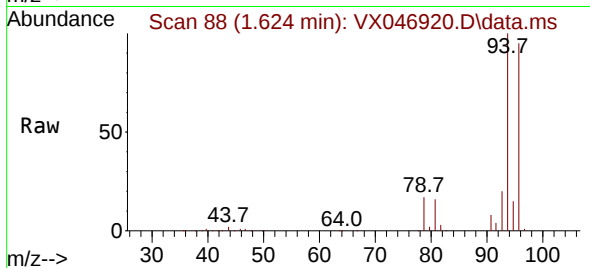




#5
Bromomethane
Concen: 57.014 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.000 min
Lab File: VX046920.D
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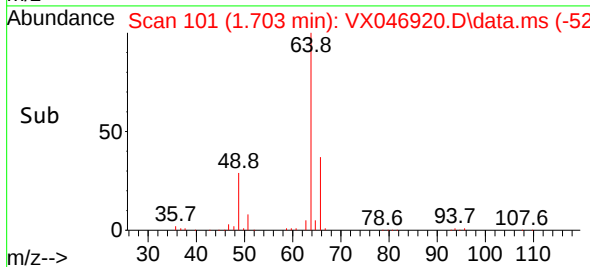
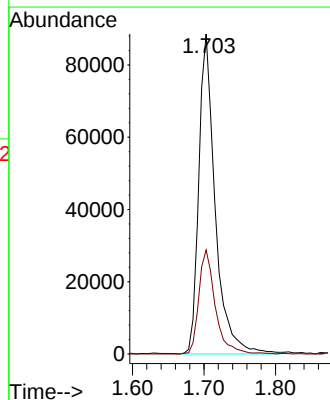
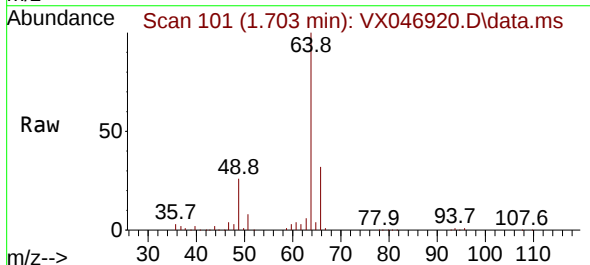
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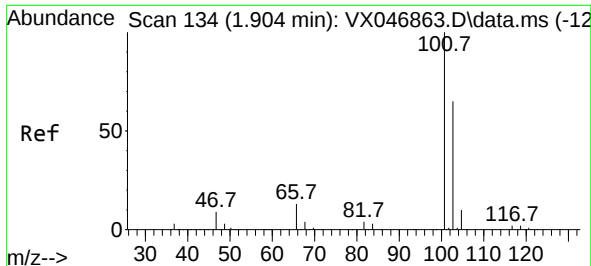
Tgt Ion: 94 Resp: 140147
Ion Ratio Lower Upper
94 100
96 94.8 75.5 113.3



#6
Chloroethane
Concen: 55.795 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046920.D
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Tgt Ion: 64 Resp: 140948
Ion Ratio Lower Upper
64 100
66 32.5 26.4 39.6

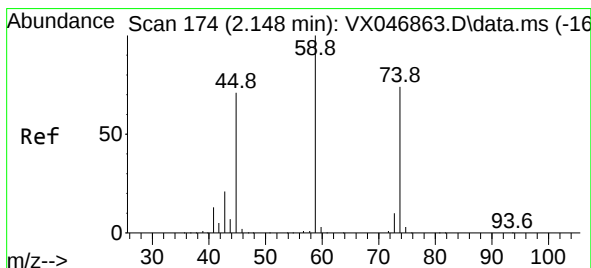
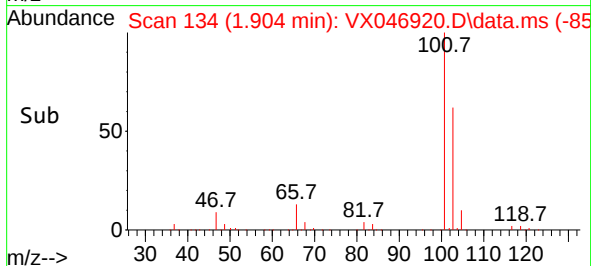
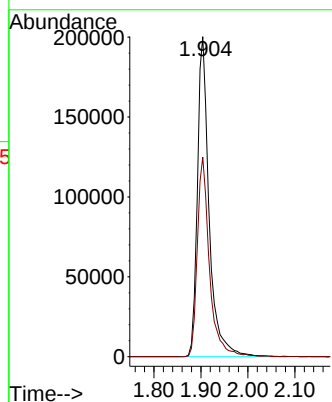
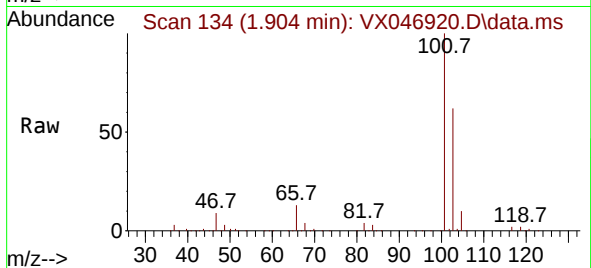




#7
 Trichlorofluoromethane
 Concen: 58.999 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046920.D
 Acq: 09 Jul 2025 09:44

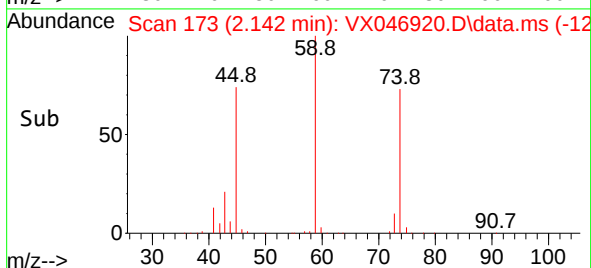
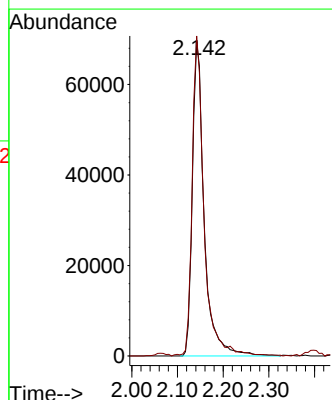
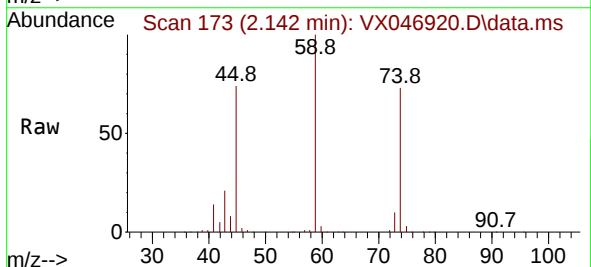
Instrument :
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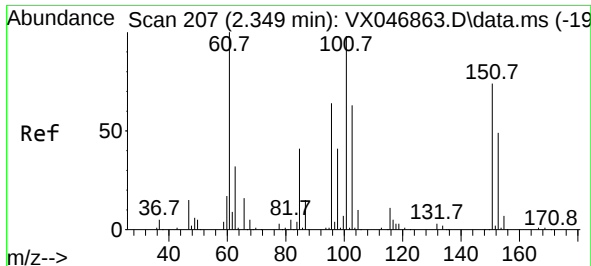
Tgt Ion:101 Resp: 349004
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.9 77.9



#8
 Diethyl Ether
 Concen: 59.441 ug/l
 RT: 2.142 min Scan# 173
 Delta R.T. -0.006 min
 Lab File: VX046920.D
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Tgt Ion: 74 Resp: 125131
 Ion Ratio Lower Upper
 74 100
 45 102.3 50.7 152.1

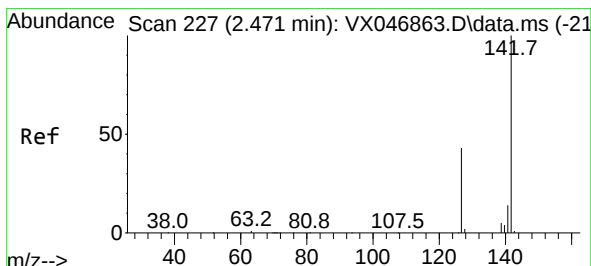
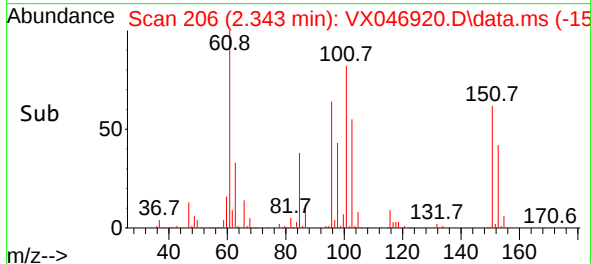
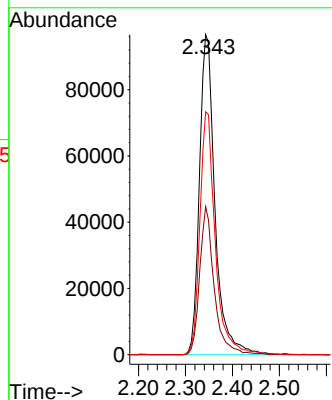
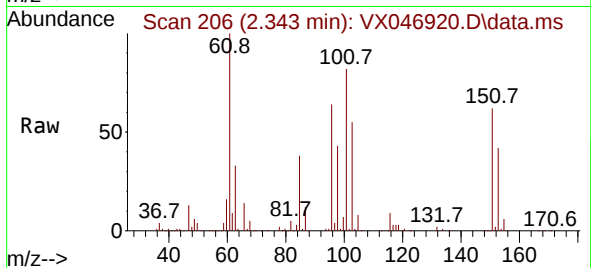




#9
1,1,2-Trichlorotrifluoroethane
Concen: 59.123 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

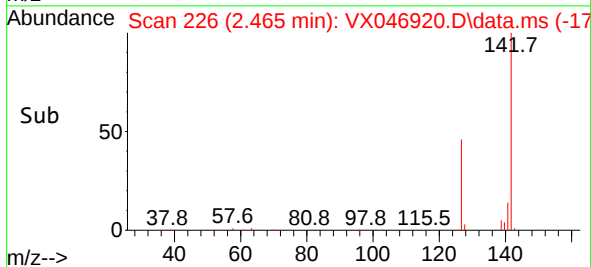
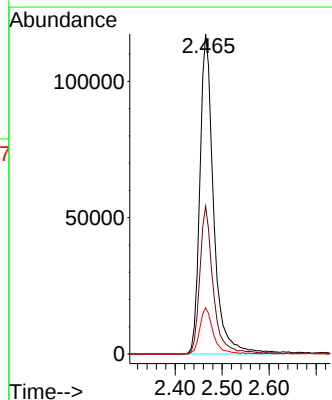
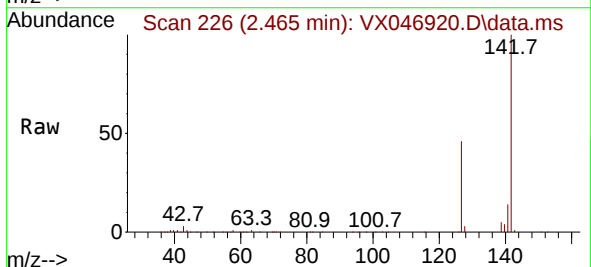
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

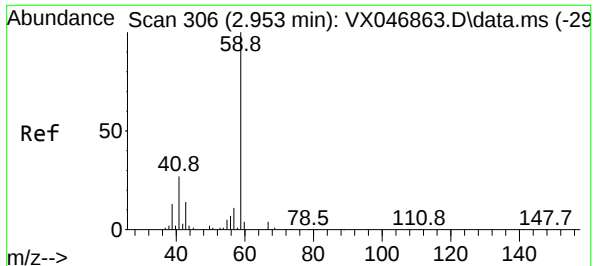
Tgt Ion:101 Resp: 222856
Ion Ratio Lower Upper
101 100
85 43.2 34.3 51.5
151 75.5 59.9 89.9



#10
Methyl Iodide
Concen: 58.197 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

Tgt Ion:142 Resp: 238989
Ion Ratio Lower Upper
142 100
127 44.8 34.9 52.3
141 14.2 11.1 16.7

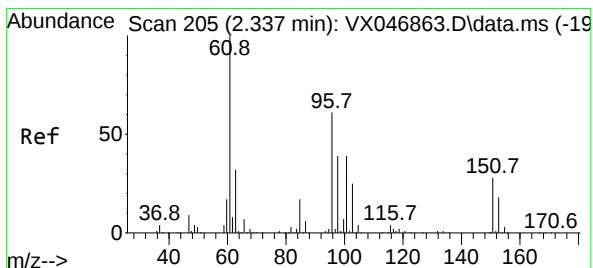
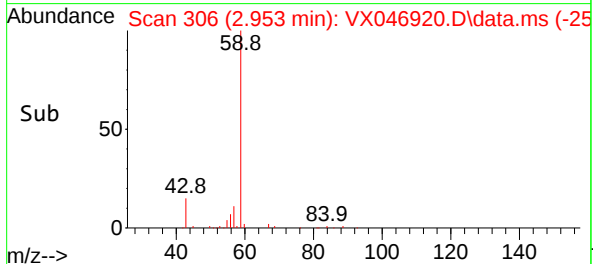
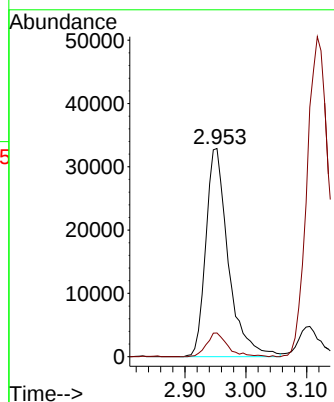
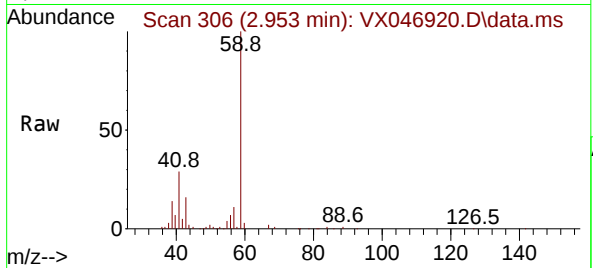




#11
Tert butyl alcohol
Concen: 289.466 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

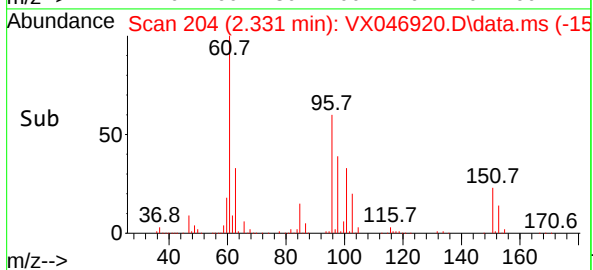
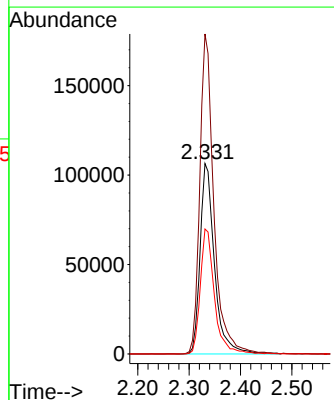
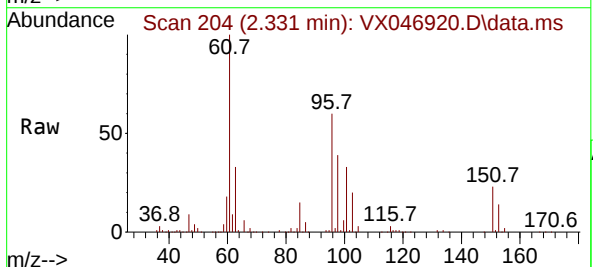
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

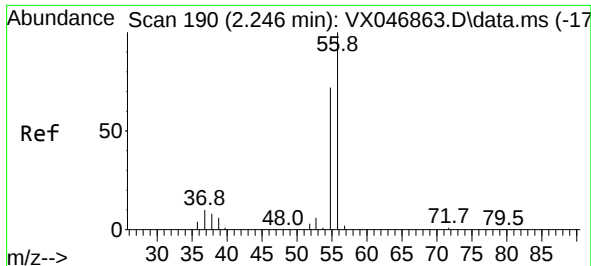
Tgt Ion: 59 Resp: 84326
Ion Ratio Lower Upper
59 100
57 10.8 8.5 12.7



#12
1,1-Dichloroethene
Concen: 56.847 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

Tgt Ion: 96 Resp: 207254
Ion Ratio Lower Upper
96 100
61 168.0 130.2 195.4
98 65.6 51.3 76.9

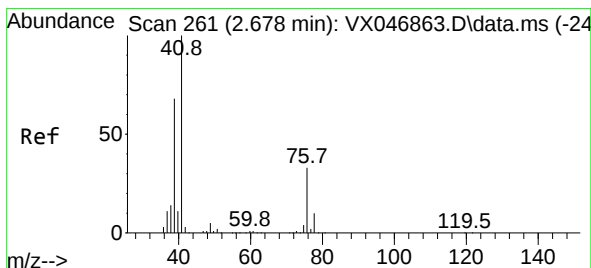
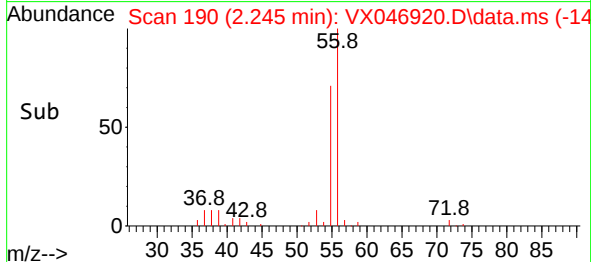
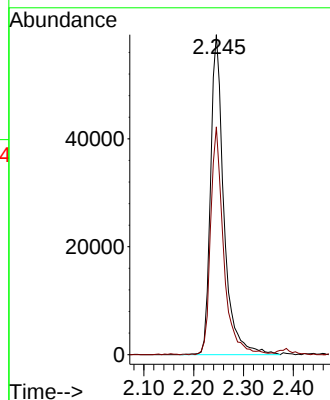
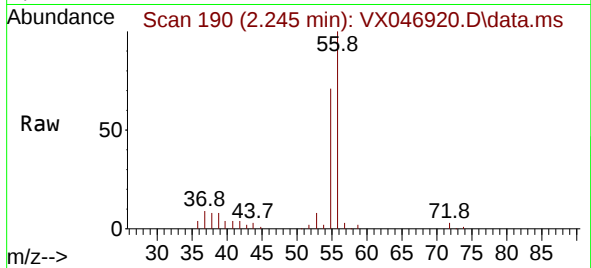




#13
Acrolein
Concen: 316.117 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.001 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

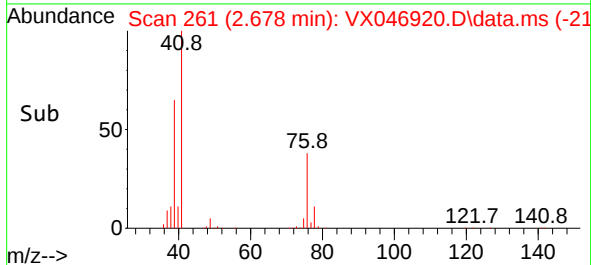
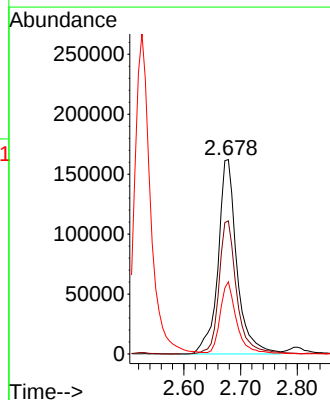
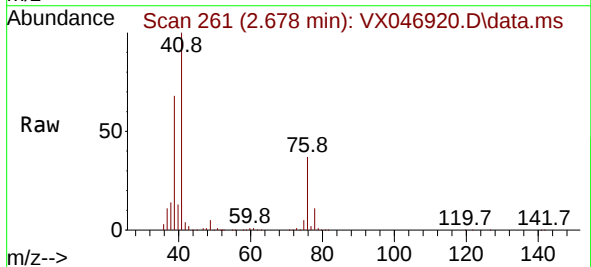
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

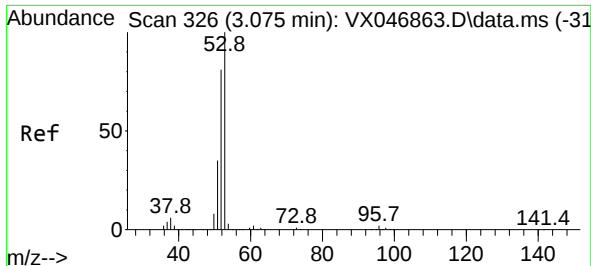
Tgt Ion: 56 Resp: 109967
Ion Ratio Lower Upper
56 100
55 69.6 55.5 83.3



#14
Allyl chloride
Concen: 57.698 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

Tgt Ion: 41 Resp: 374515
Ion Ratio Lower Upper
41 100
39 64.7 52.0 78.0
76 32.2 26.2 39.2

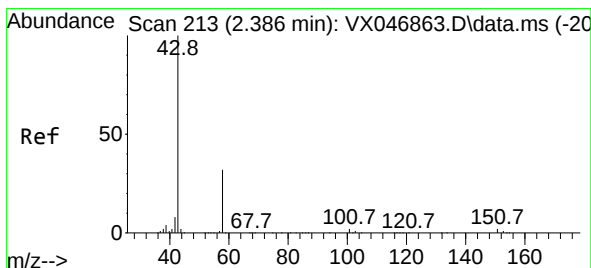
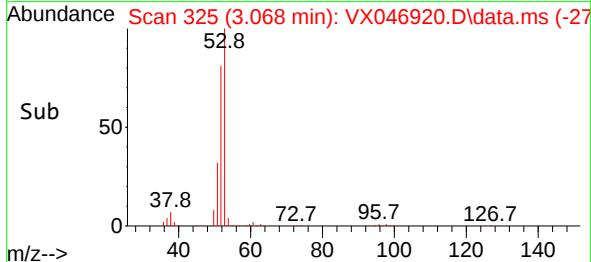
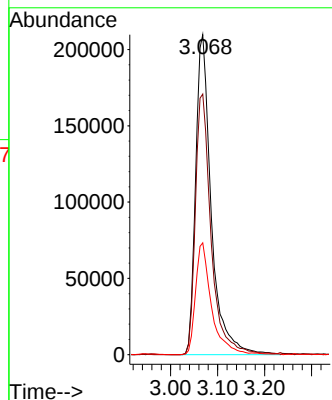
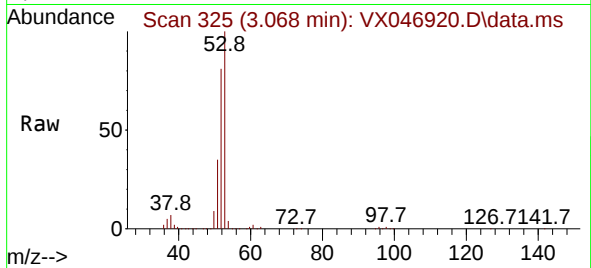




#15
Acrylonitrile
Concen: 288.742 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

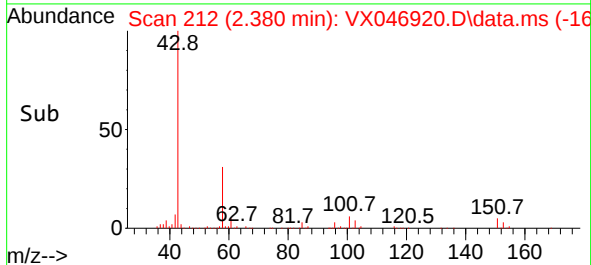
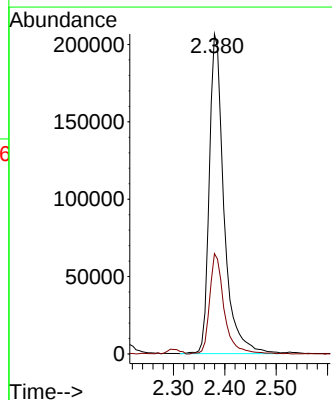
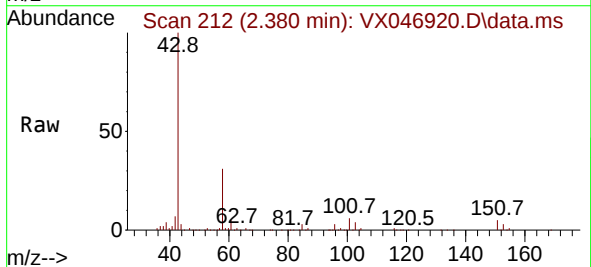
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

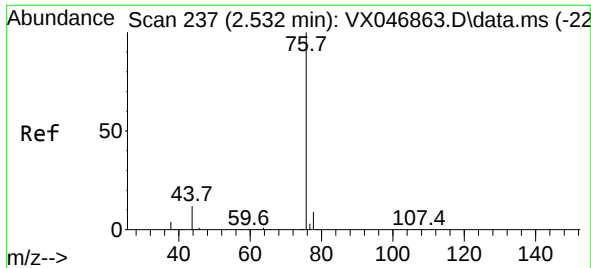
Tgt Ion: 53 Resp: 486323
Ion Ratio Lower Upper
53 100
52 82.3 66.0 99.0
51 35.9 28.6 43.0



#16
Acetone
Concen: 296.544 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

Tgt Ion: 43 Resp: 409146
Ion Ratio Lower Upper
43 100
58 31.3 25.8 38.6





#17

Carbon Disulfide

Concen: 53.343 ug/l

RT: 2.526 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

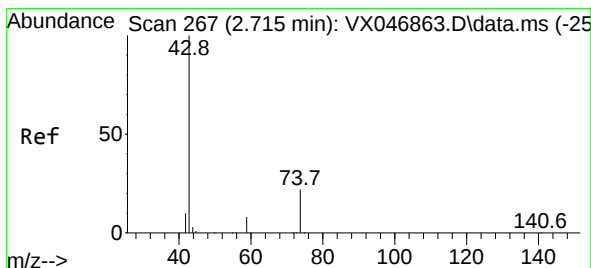
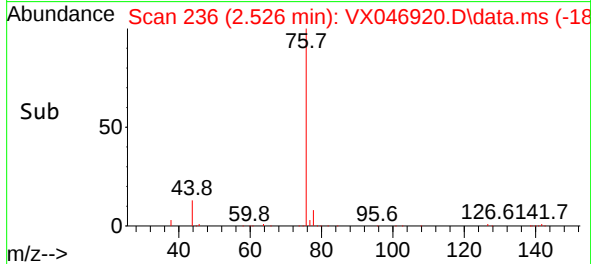
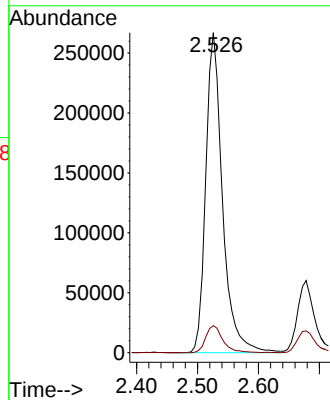
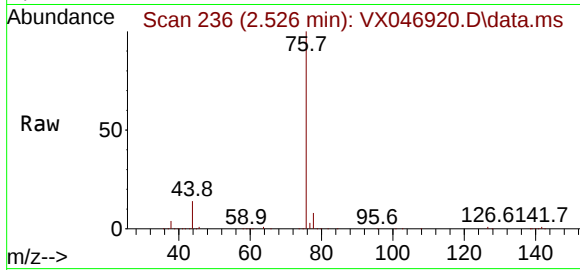
VSTDCCC050

Tgt Ion: 76 Resp: 510024

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.2



#18

Methyl Acetate

Concen: 64.048 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.006 min

Lab File: VX046920.D

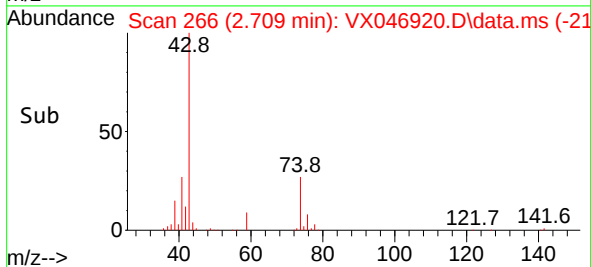
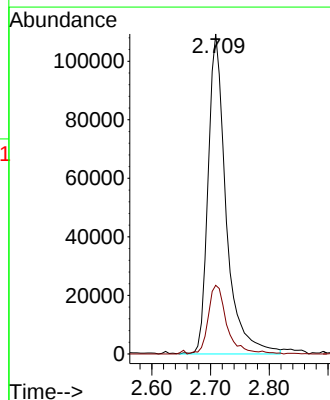
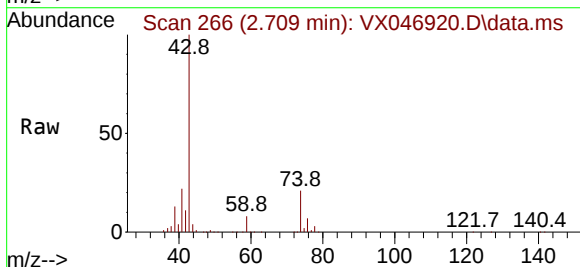
Acq: 09 Jul 2025 09:44

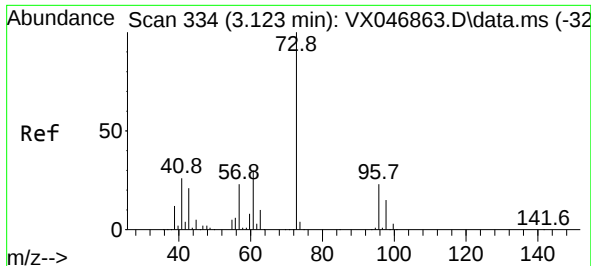
Tgt Ion: 43 Resp: 232915

Ion Ratio Lower Upper

43 100

74 22.3 18.3 27.5

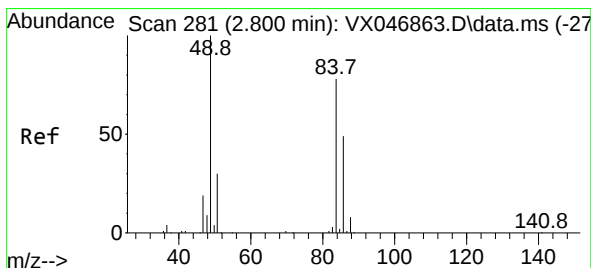
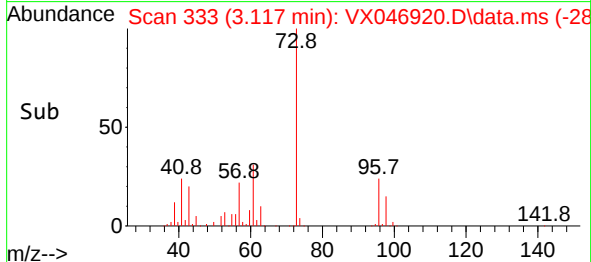
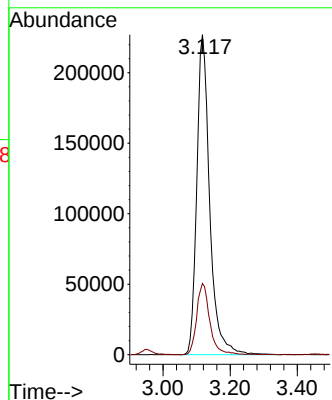
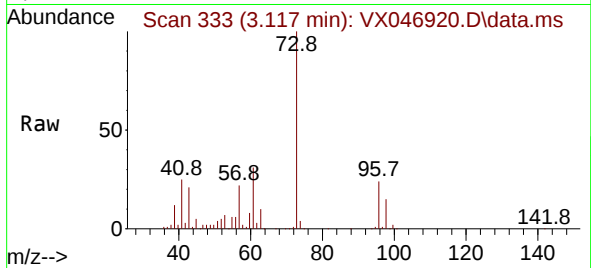




#19
Methyl tert-butyl Ether
Concen: 58.716 ug/l
RT: 3.117 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

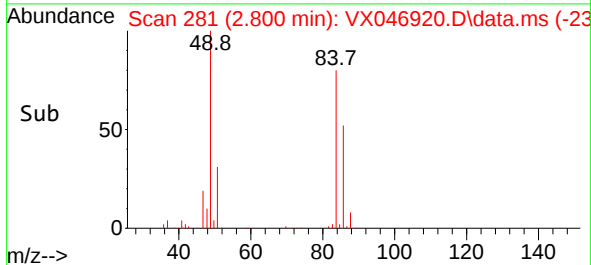
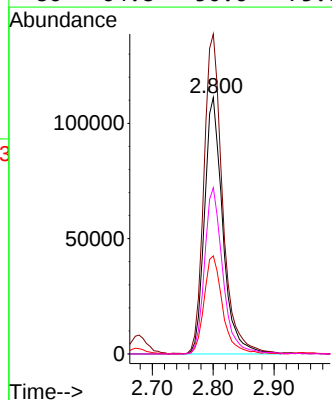
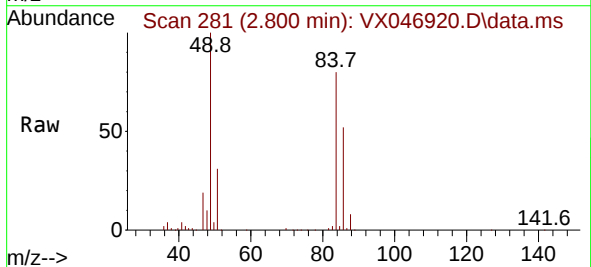
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

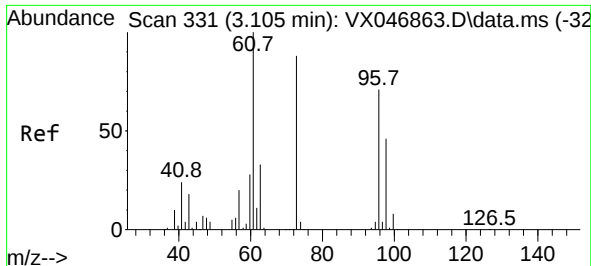
Tgt Ion: 73 Resp: 604518
Ion Ratio Lower Upper
73 100
57 22.3 18.6 28.0



#20
Methylene Chloride
Concen: 56.852 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

Tgt Ion: 84 Resp: 231948
Ion Ratio Lower Upper
84 100
49 124.5 102.8 154.2
51 38.2 31.1 46.7
86 64.8 50.6 75.8

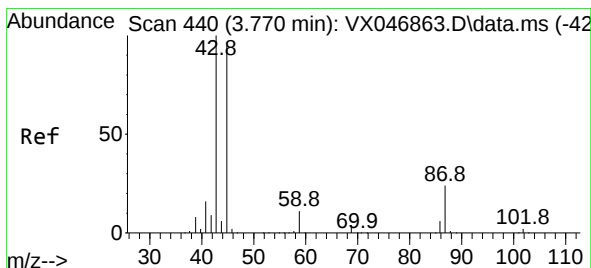
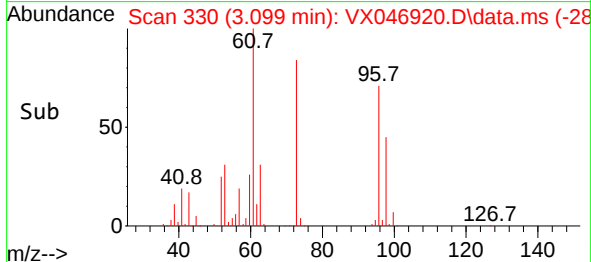
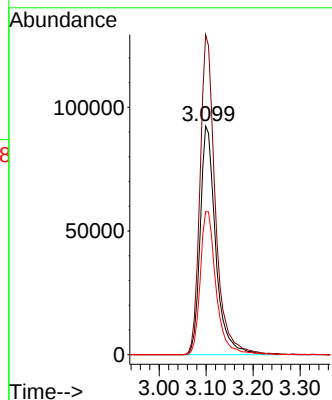
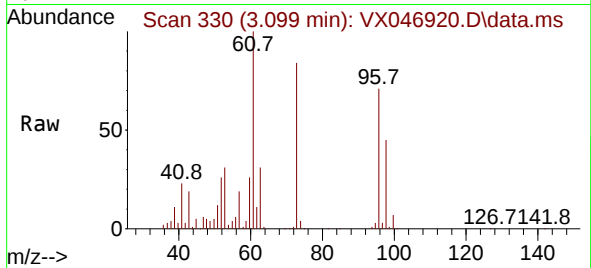




#21
trans-1,2-Dichloroethene
Concen: 56.818 ug/l
RT: 3.099 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

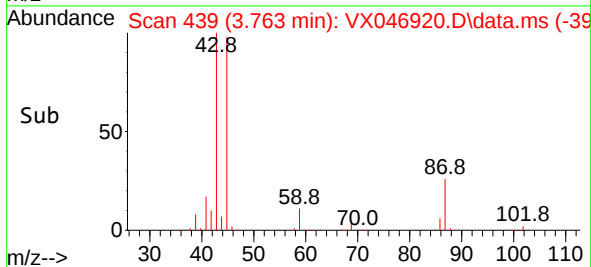
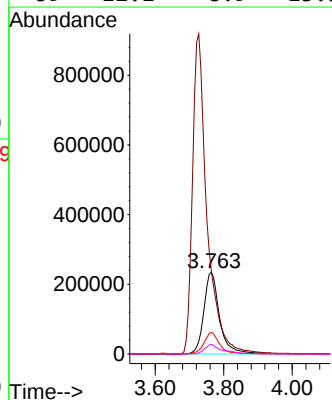
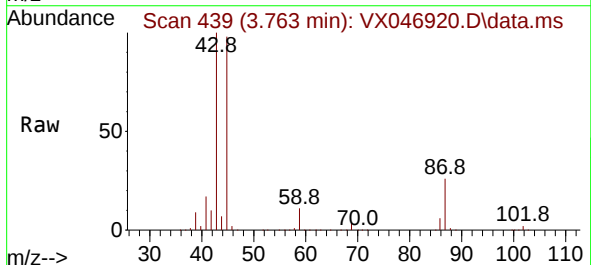
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

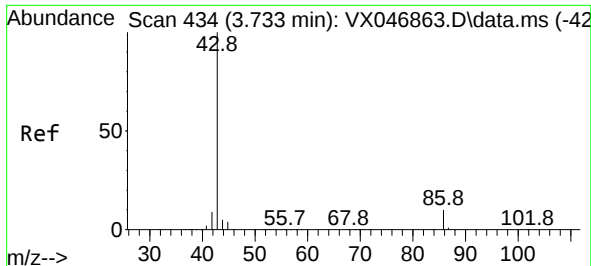
Tgt Ion: 96 Resp: 211969
Ion Ratio Lower Upper
96 100
61 140.0 113.4 170.2
98 64.6 51.8 77.6



#22
Diisopropyl ether
Concen: 59.689 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

Tgt Ion: 45 Resp: 748520
Ion Ratio Lower Upper
45 100
43 102.5 84.2 126.4
87 26.4 20.3 30.5
59 12.1 8.9 13.3

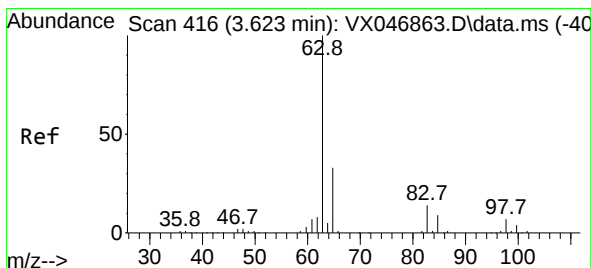
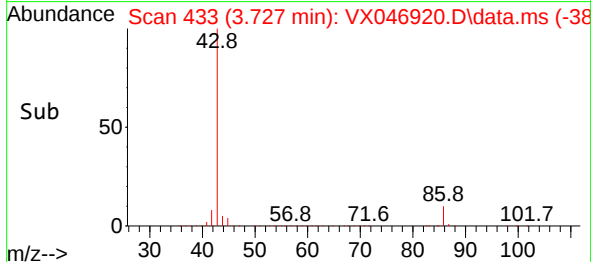
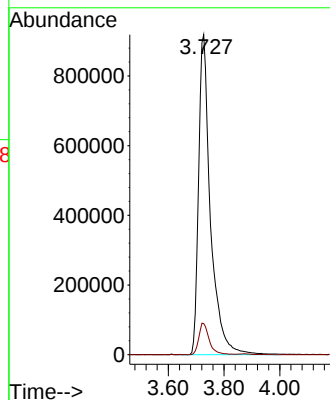
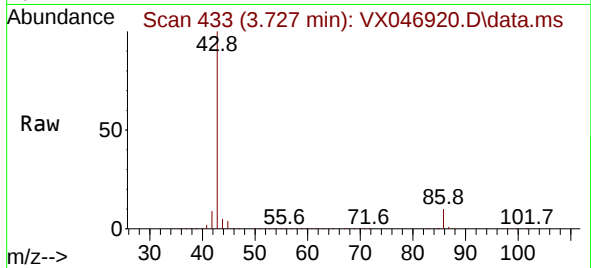




#23
 Vinyl Acetate
 Concen: 289.317 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX046920.D
 Acq: 09 Jul 2025 09:44

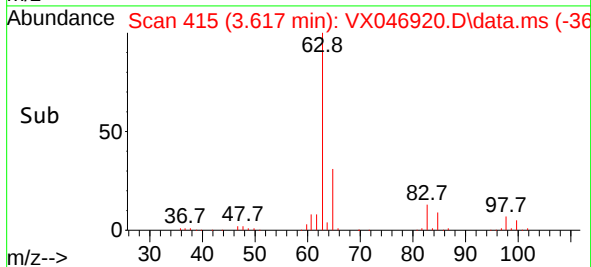
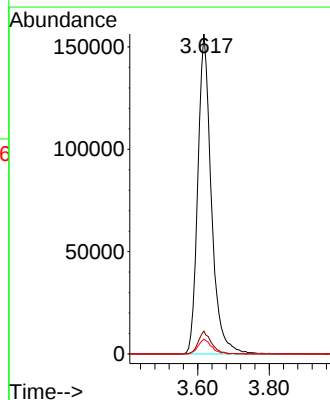
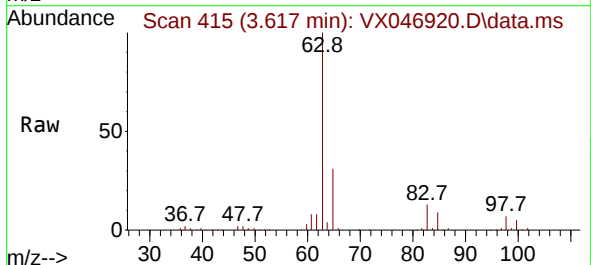
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

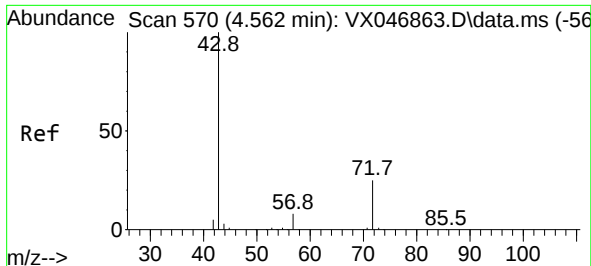
Tgt Ion: 43 Resp: 2718105
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 57.220 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX046920.D
 Acq: 09 Jul 2025 09:44

Tgt Ion: 63 Resp: 409233
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 4.6 2.3 6.9

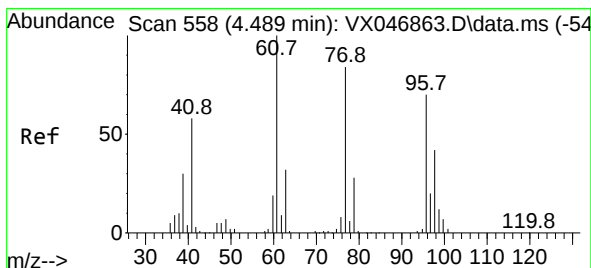
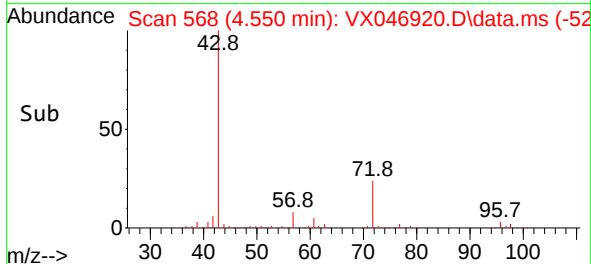
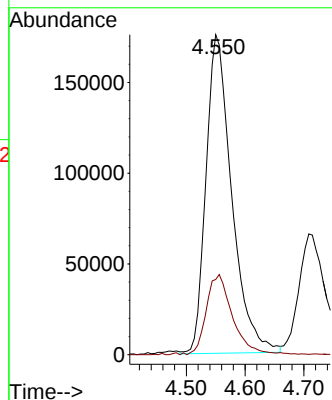
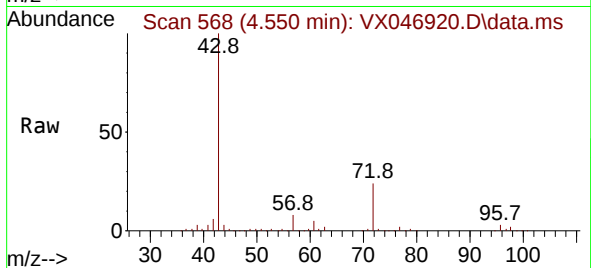




#25
2-Butanone
Concen: 290.501 ug/l
RT: 4.550 min Scan# 51
Delta R.T. -0.012 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

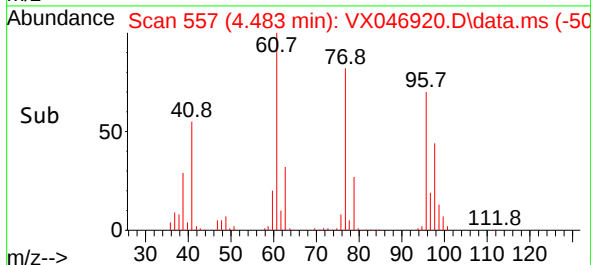
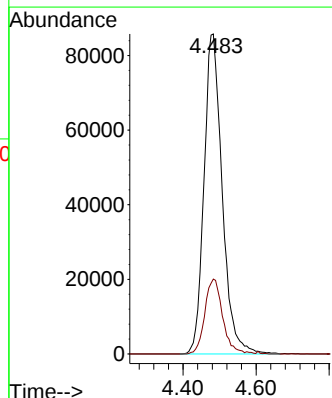
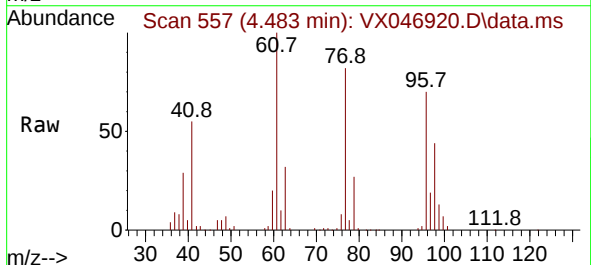
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

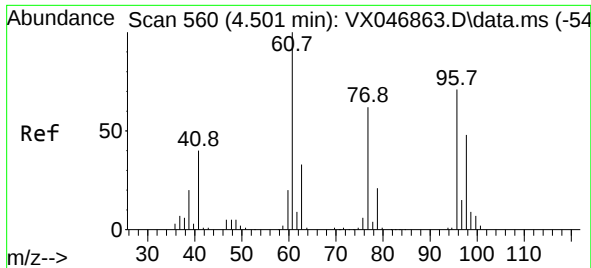
Tgt Ion: 43 Resp: 534752
Ion Ratio Lower Upper
43 100
72 23.8 20.0 30.0



#26
2,2-Dichloropropane
Concen: 55.590 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

Tgt Ion: 77 Resp: 295885
Ion Ratio Lower Upper
77 100
97 23.0 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 56.446 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.012 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

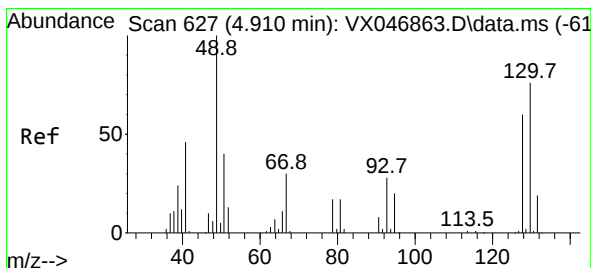
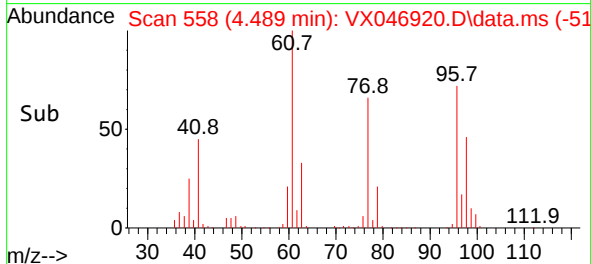
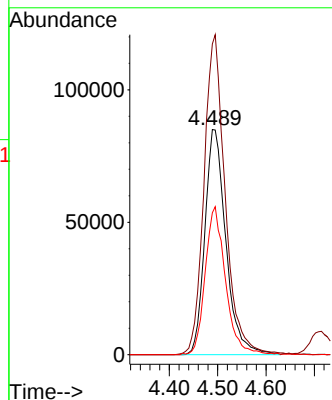
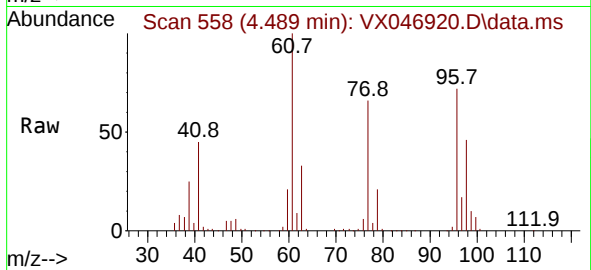
Tgt Ion: 96 Resp: 257106

Ion Ratio Lower Upper

96 100

61 143.3 0.0 288.6

98 63.5 0.0 128.8



#28

Bromochloromethane

Concen: 54.618 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.012 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

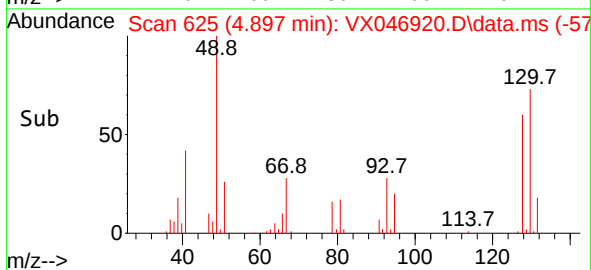
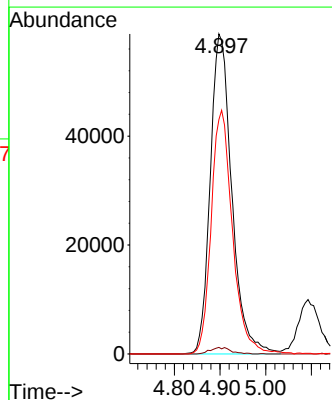
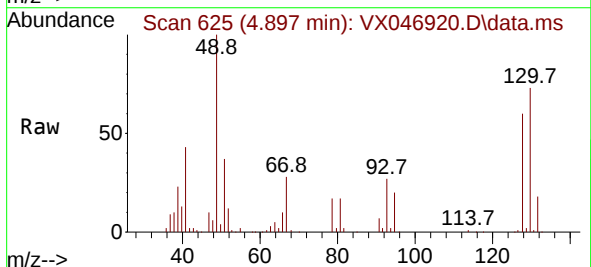
Tgt Ion: 49 Resp: 192782

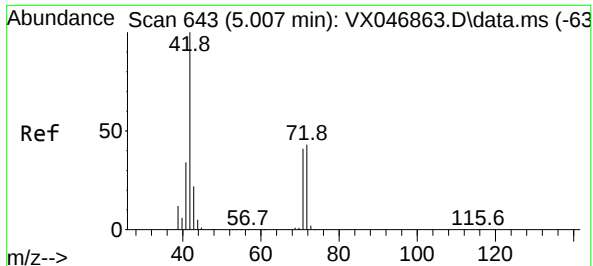
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.2

130 75.2 61.7 92.5

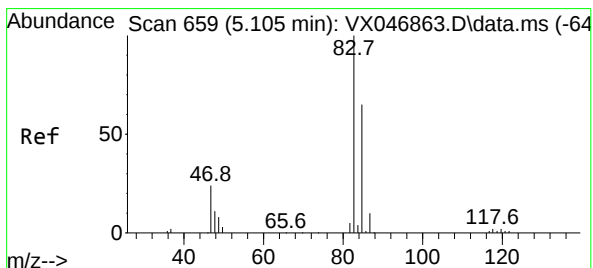
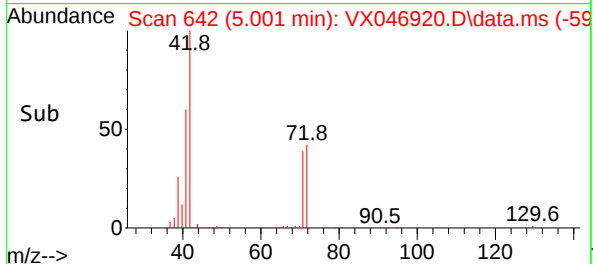
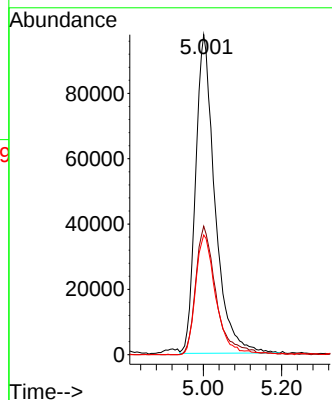
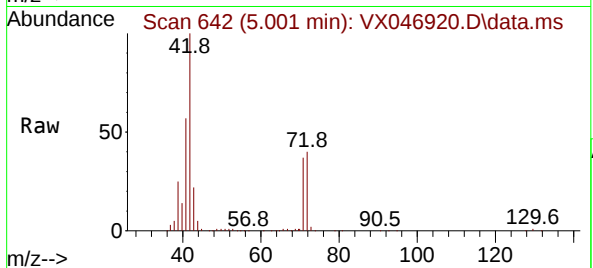




#29
Tetrahydrofuran
Concen: 285.313 ug/l
RT: 5.001 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

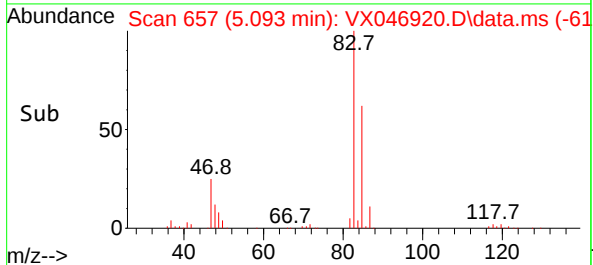
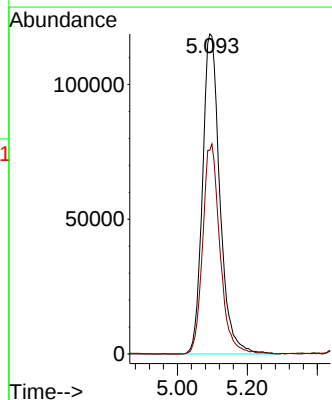
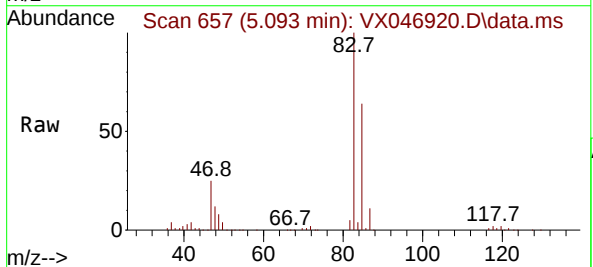
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

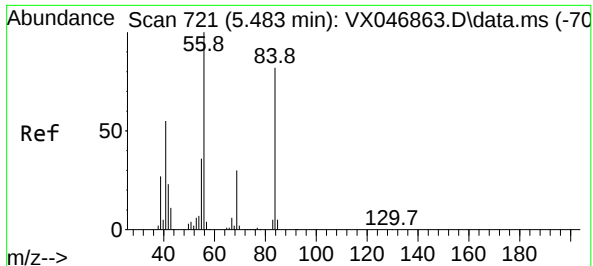
Tgt Ion: 42 Resp: 334797
Ion Ratio Lower Upper
42 100
72 42.5 35.1 52.7
71 39.6 31.9 47.9



#30
Chloroform
Concen: 55.995 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.012 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

Tgt Ion: 83 Resp: 409134
Ion Ratio Lower Upper
83 100
85 63.6 51.8 77.8

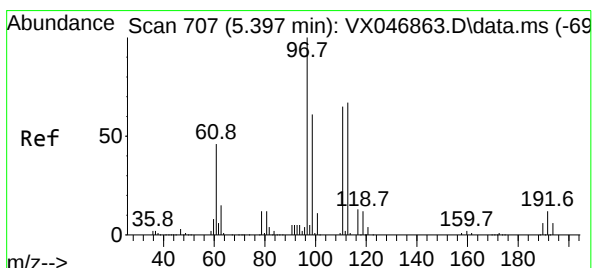
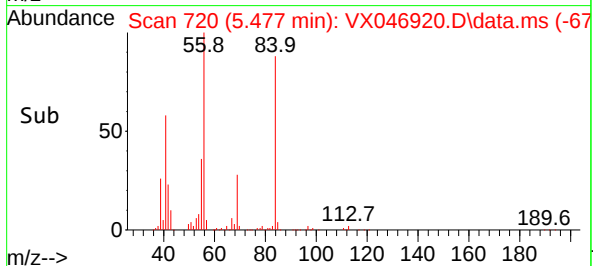
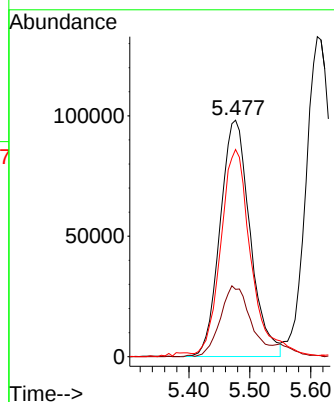
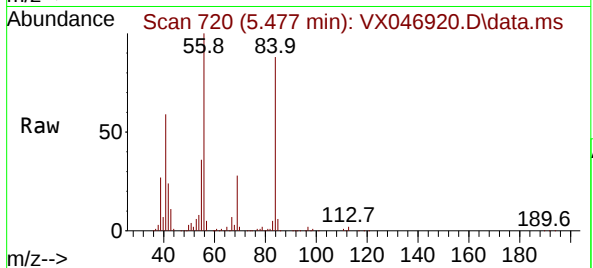




#31
Cyclohexane
Concen: 52.886 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

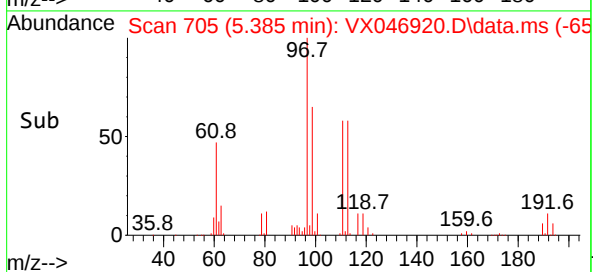
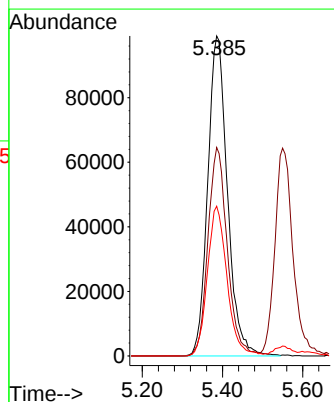
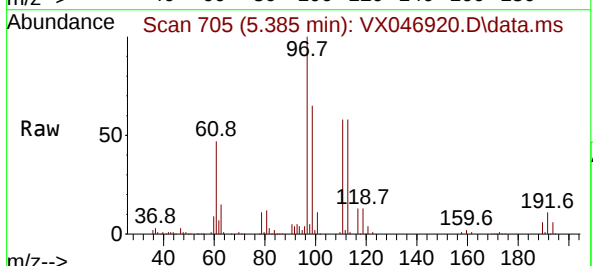
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

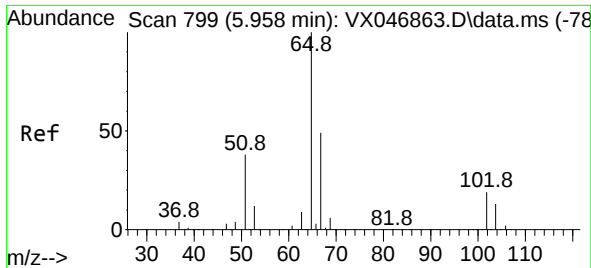
Tgt Ion: 56 Resp: 335786
Ion Ratio Lower Upper
56 100
69 27.9 24.0 36.0
84 85.7 66.5 99.7



#32
1,1,1-Trichloroethane
Concen: 55.346 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

Tgt Ion: 97 Resp: 337856
Ion Ratio Lower Upper
97 100
99 63.9 50.6 76.0
61 46.8 36.3 54.5

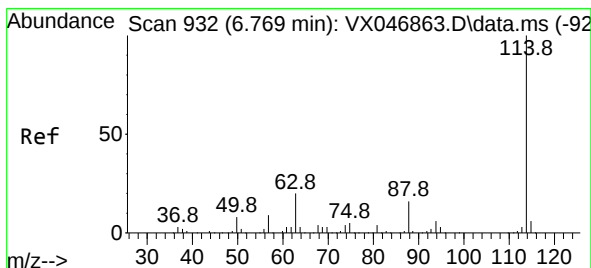
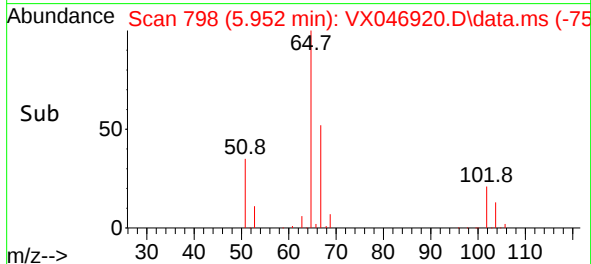
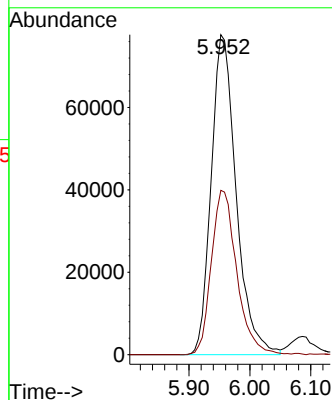
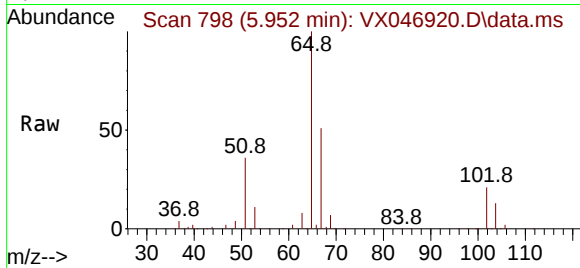




#33
 1,2-Dichloroethane-d4
 Concen: 49.824 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX046920.D
 Acq: 09 Jul 2025 09:44

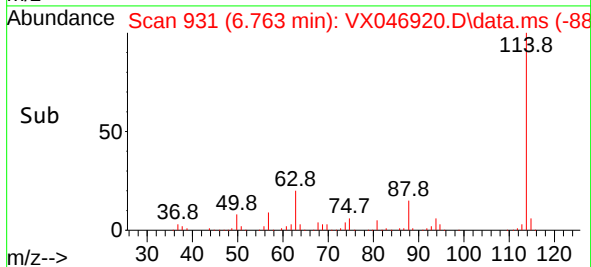
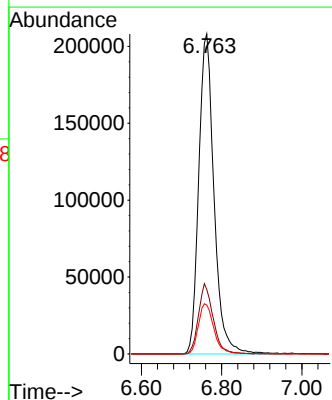
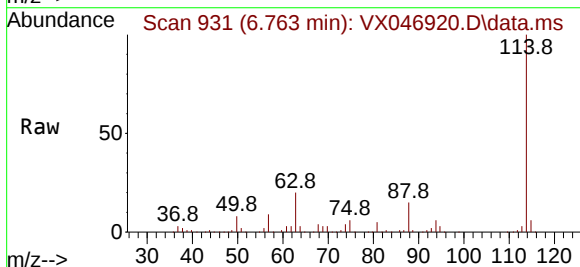
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

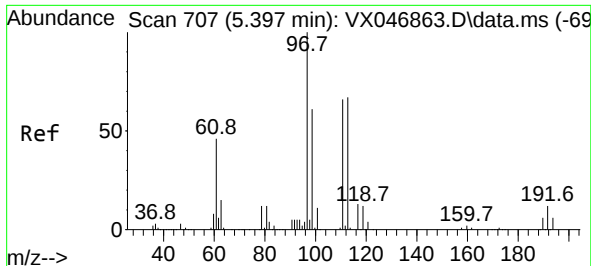
Tgt Ion: 65 Resp: 221306
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX046920.D
 Acq: 09 Jul 2025 09:44

Tgt Ion: 114 Resp: 548389
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.4
 88 15.3 0.0 31.0

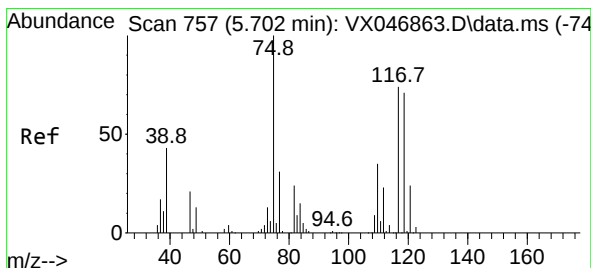
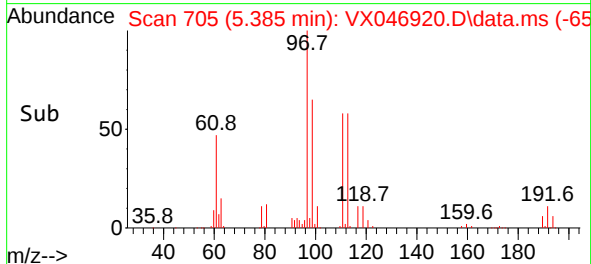
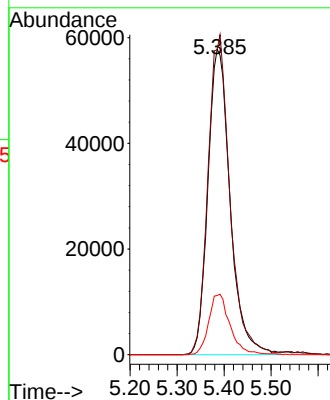
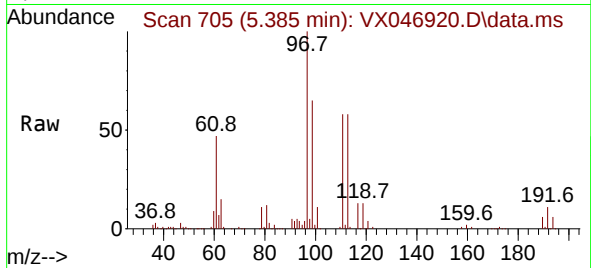




#35
Dibromofluoromethane
Concen: 51.055 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

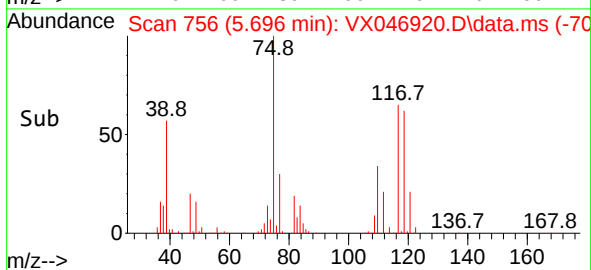
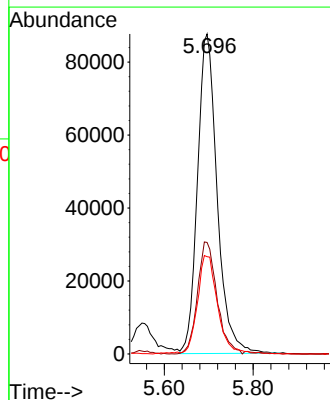
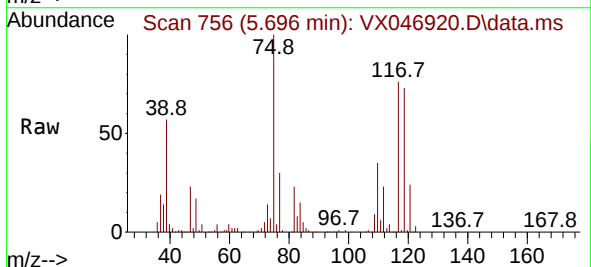
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

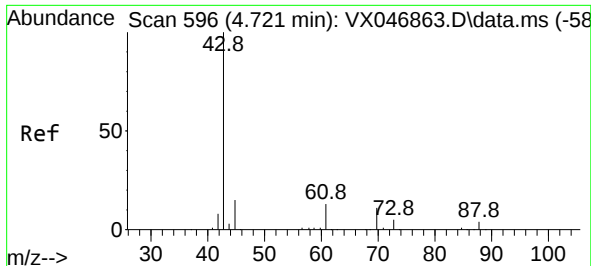
Tgt Ion:113 Resp: 190051
Ion Ratio Lower Upper
113 100
111 103.1 81.2 121.8
192 19.0 15.3 22.9



#36
1,1-Dichloropropene
Concen: 53.577 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.006 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

Tgt Ion: 75 Resp: 269085
Ion Ratio Lower Upper
75 100
110 34.8 17.3 51.9
77 31.7 24.2 36.4





#37

Ethyl Acetate

Concen: 51.820 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.012 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

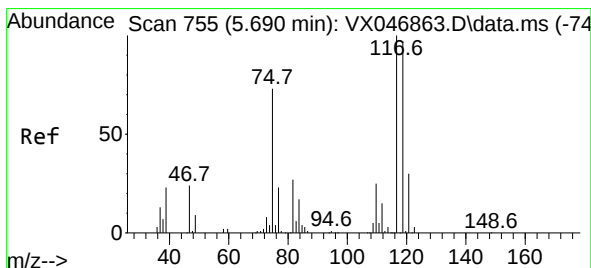
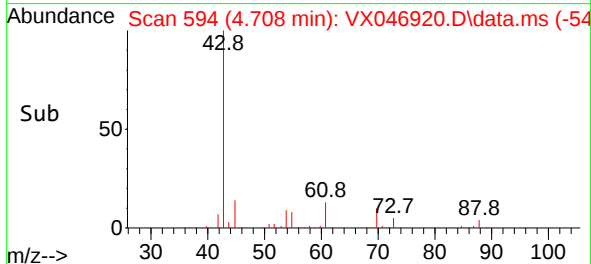
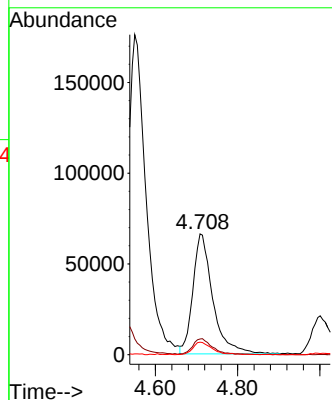
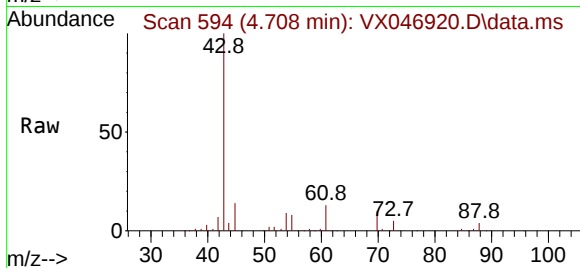
Tgt Ion: 43 Resp: 221671

Ion Ratio Lower Upper

43 100

61 13.2 9.7 14.5

70 10.1 8.3 12.5



#38

Carbon Tetrachloride

Concen: 55.874 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

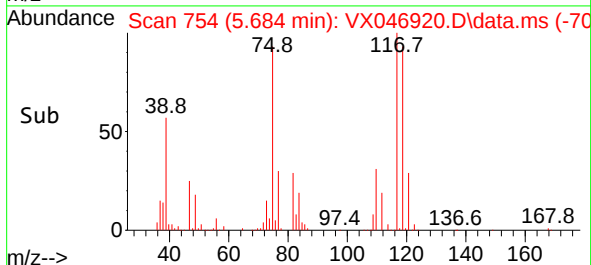
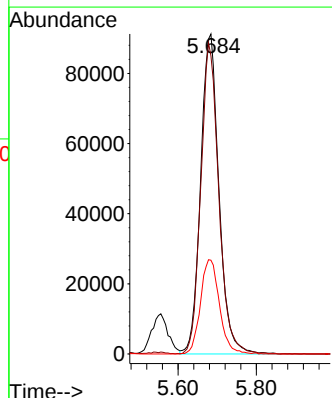
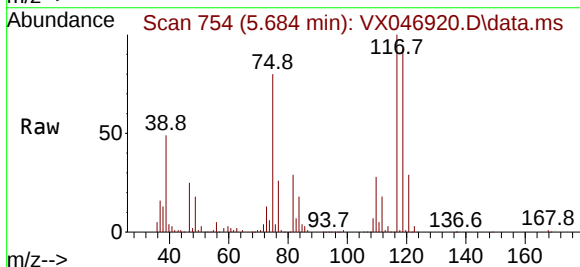
Tgt Ion: 117 Resp: 296678

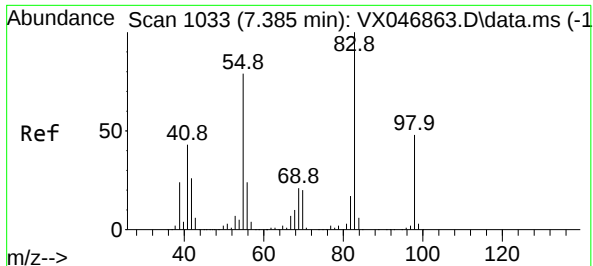
Ion Ratio Lower Upper

117 100

119 93.2 76.6 114.8

121 29.3 24.1 36.1





#39

Methylcyclohexane

Concen: 52.363 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

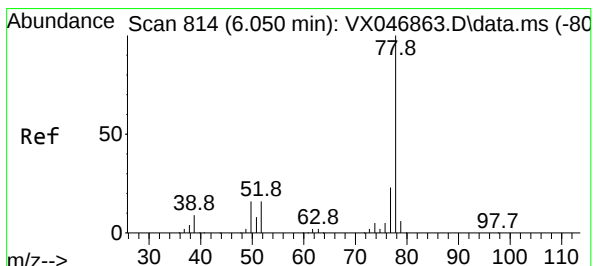
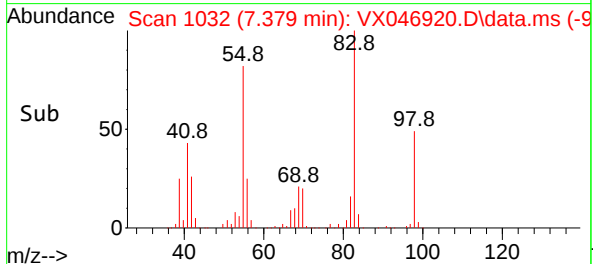
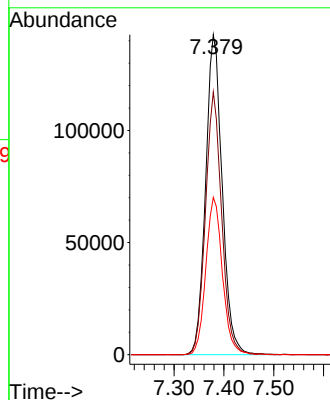
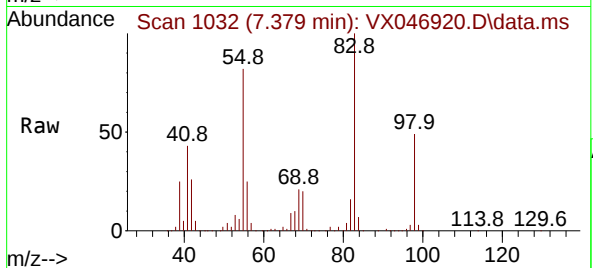
Tgt Ion: 83 Resp: 328976

Ion Ratio Lower Upper

83 100

55 82.1 63.0 94.4

98 49.1 38.5 57.7



#40

Benzene

Concen: 54.756 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.012 min

Lab File: VX046920.D

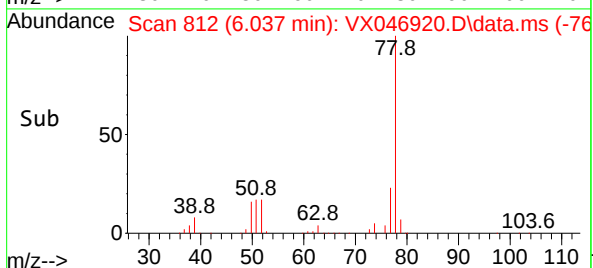
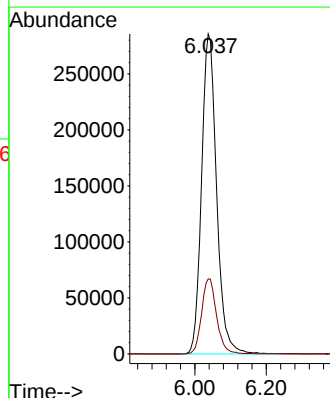
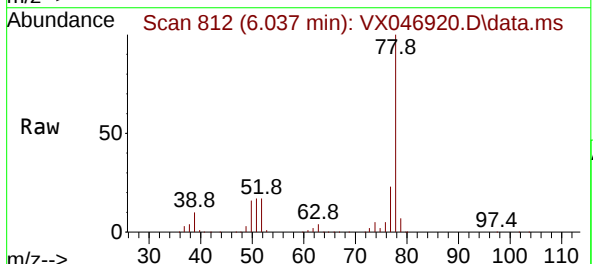
Acq: 09 Jul 2025 09:44

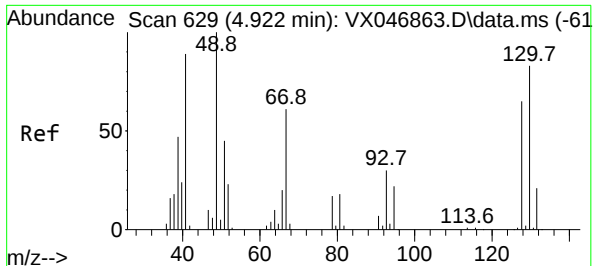
Tgt Ion: 78 Resp: 831804

Ion Ratio Lower Upper

78 100

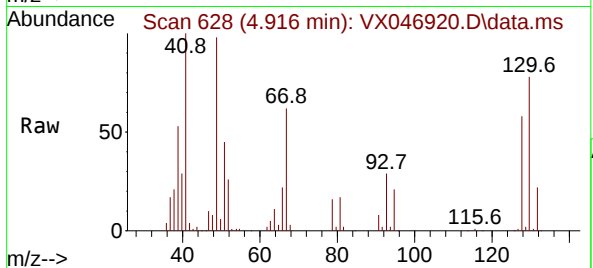
77 23.4 18.7 28.1



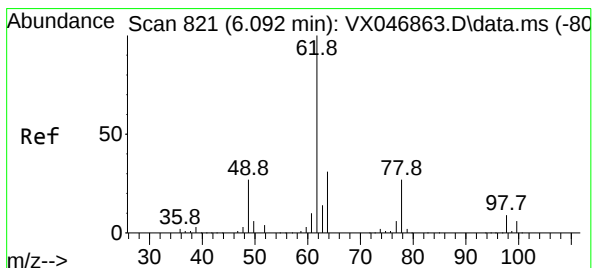
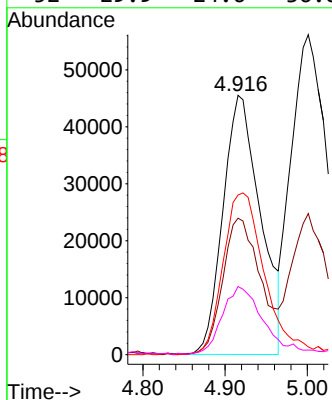
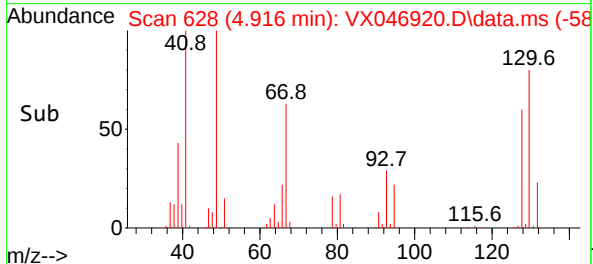


#41
Methacrylonitrile
Concen: 63.068 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

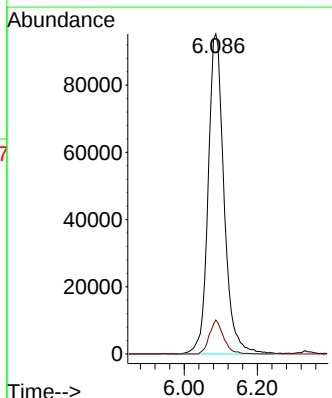
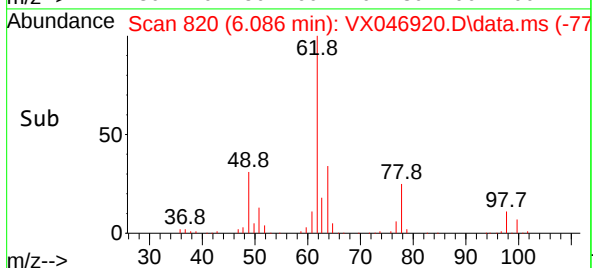
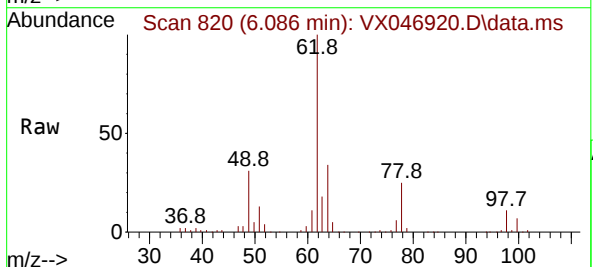


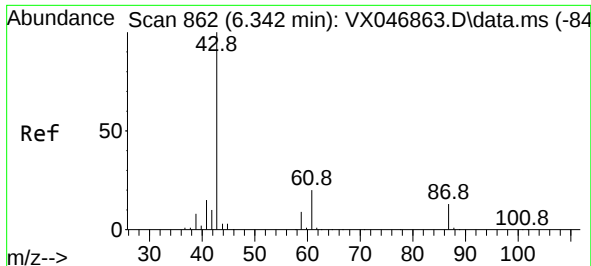
Tgt Ion:	41	Resp:	143915
Ion	Ratio	Lower	Upper
41	100		
39	53.2	43.0	64.4
67	69.8	60.2	90.2
52	29.9	24.6	36.8



#42
1,2-Dichloroethane
Concen: 55.497 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

Tgt Ion:	62	Resp:	286274
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.4

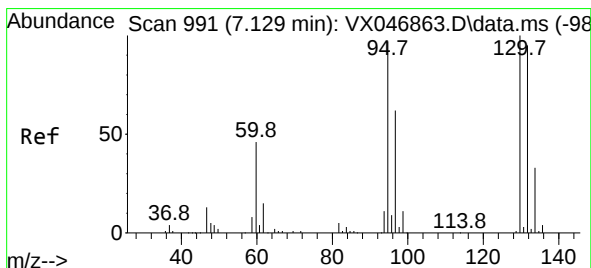
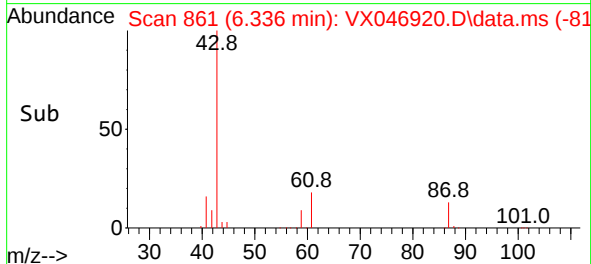
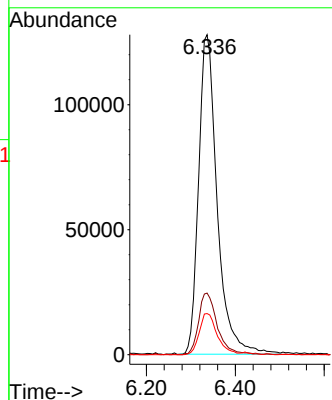
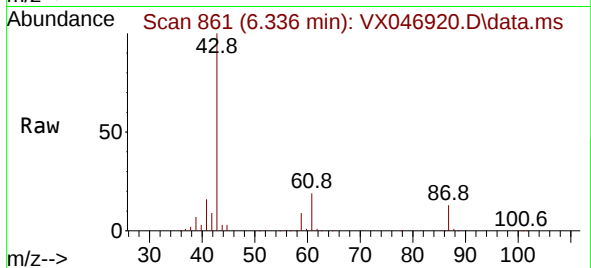




#43
Isopropyl Acetate
Concen: 56.834 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

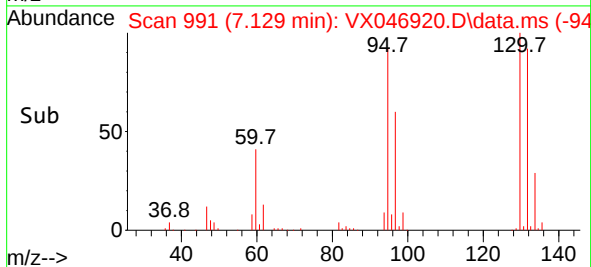
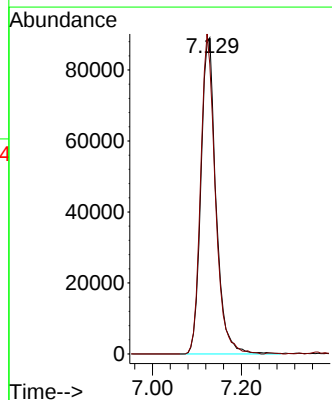
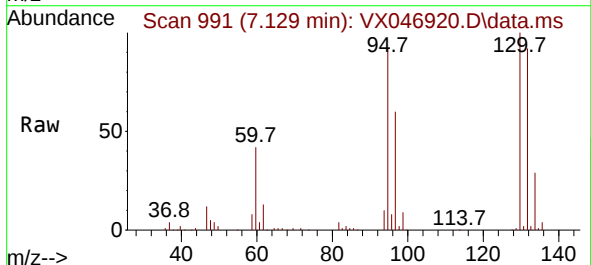
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

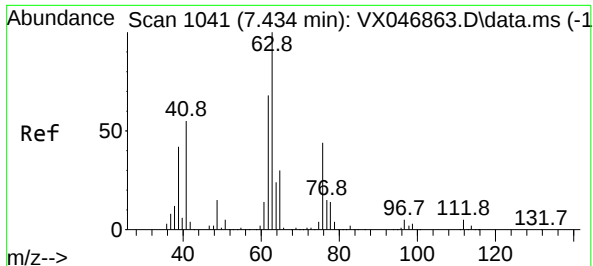
Tgt Ion: 43 Resp: 372381
Ion Ratio Lower Upper
43 100
61 19.5 15.7 23.5
87 12.4 10.1 15.1



#44
Trichloroethene
Concen: 53.185 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

Tgt Ion:130 Resp: 210317
Ion Ratio Lower Upper
130 100
95 91.6 0.0 194.2





#45

1,2-Dichloropropane

Concen: 54.819 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

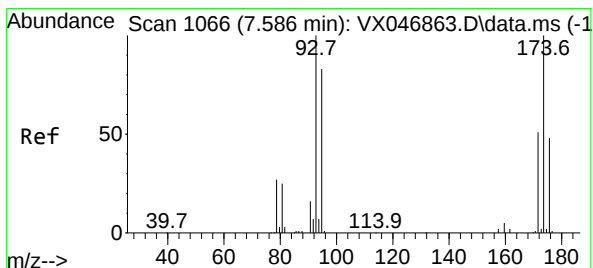
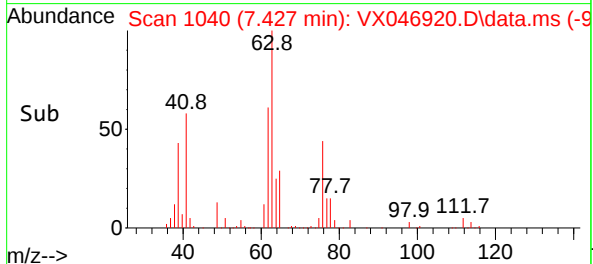
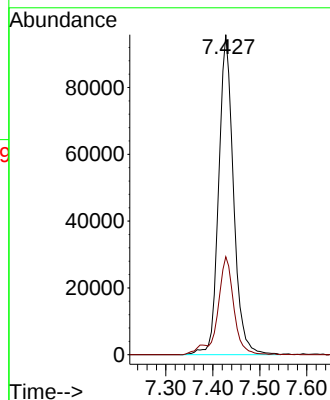
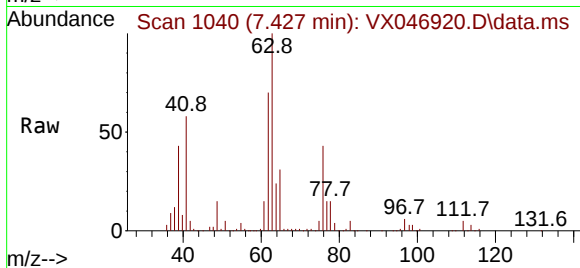
VSTDCCC050

Tgt Ion: 63 Resp: 210399

Ion Ratio Lower Upper

63 100

65 30.6 24.2 36.2



#46

Dibromomethane

Concen: 54.704 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

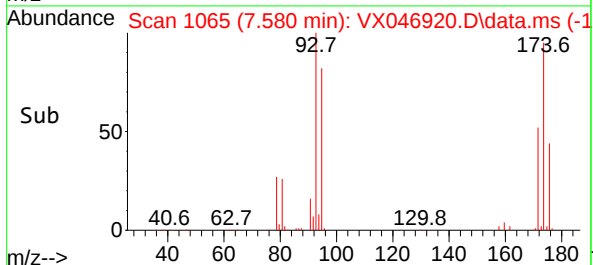
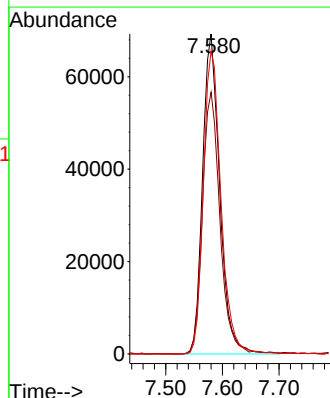
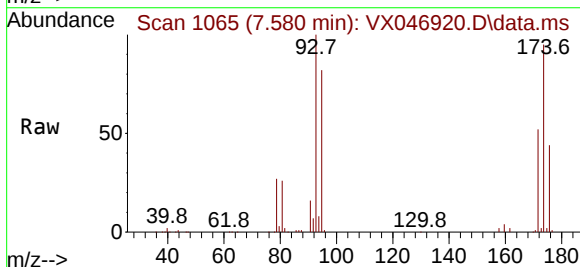
Tgt Ion: 93 Resp: 145470

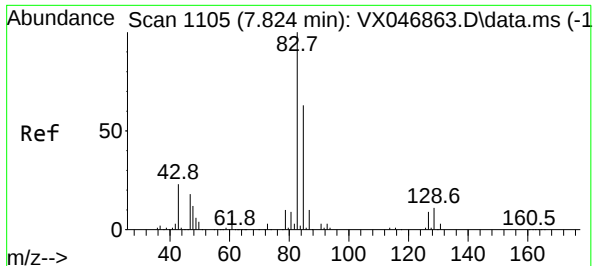
Ion Ratio Lower Upper

93 100

95 83.7 66.6 99.8

174 97.4 77.4 116.2

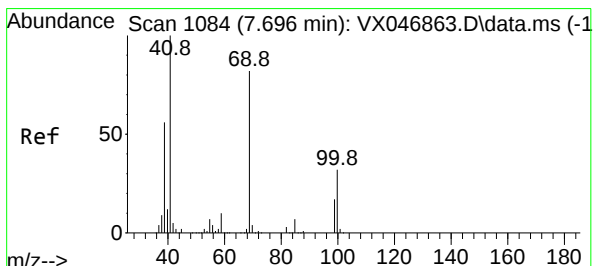
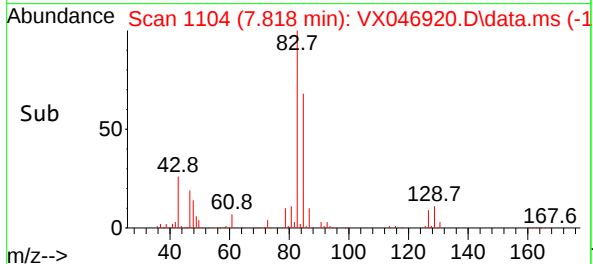
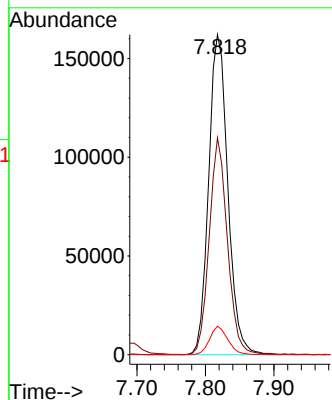
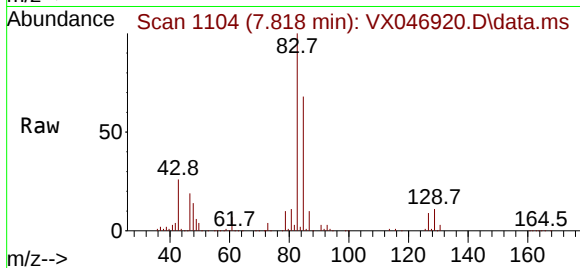




#47
Bromodichloromethane
Concen: 55.553 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

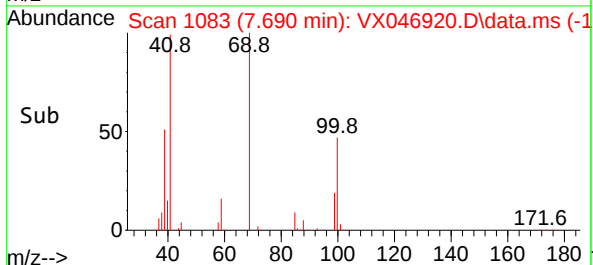
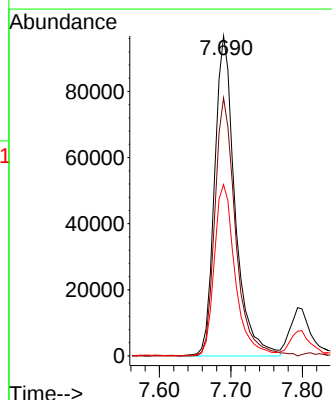
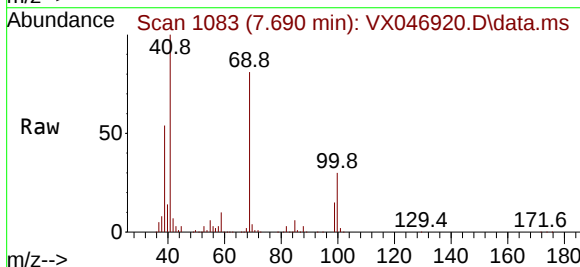
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

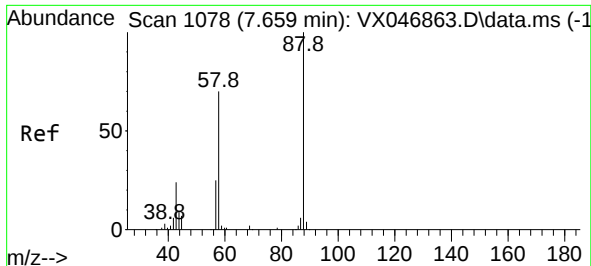
Tgt Ion: 83 Resp: 315438
Ion Ratio Lower Upper
83 100
85 67.6 50.2 75.4
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 56.972 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

Tgt Ion: 41 Resp: 192745
Ion Ratio Lower Upper
41 100
69 81.2 65.8 98.8
39 54.3 43.8 65.6





#49

1,4-Dioxane

Concen: 1134.930 ug/l

RT: 7.653 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

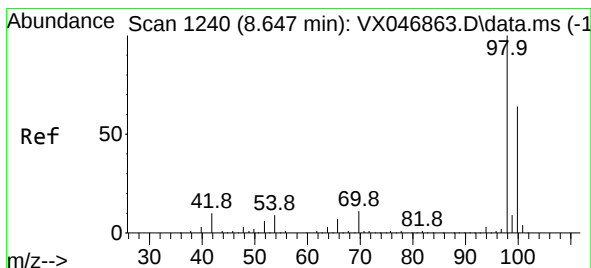
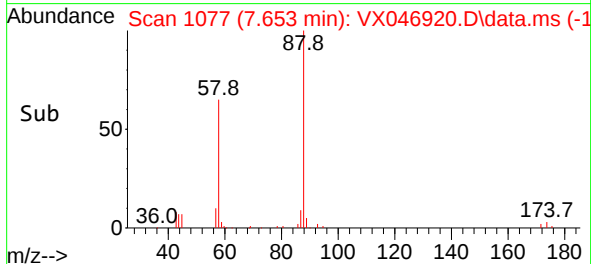
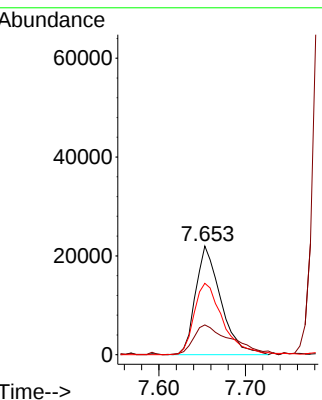
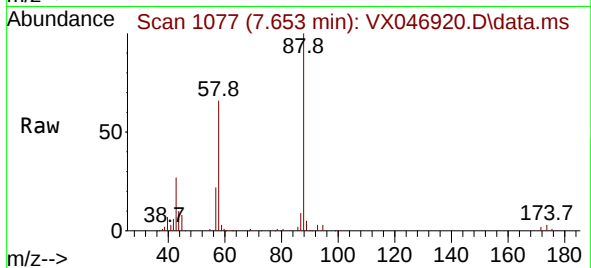
Tgt Ion: 88 Resp: 44490

Ion Ratio Lower Upper

88 100

43 40.8 31.7 47.5

58 75.1 57.5 86.3



#50

Toluene-d8

Concen: 48.517 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX046920.D

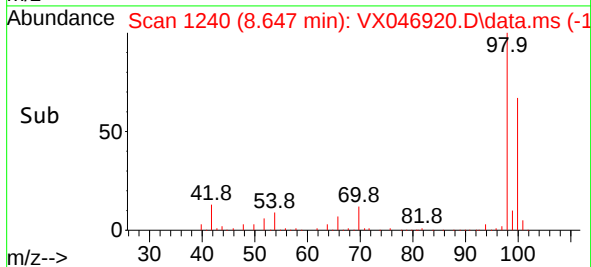
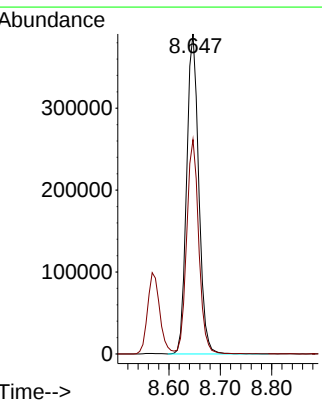
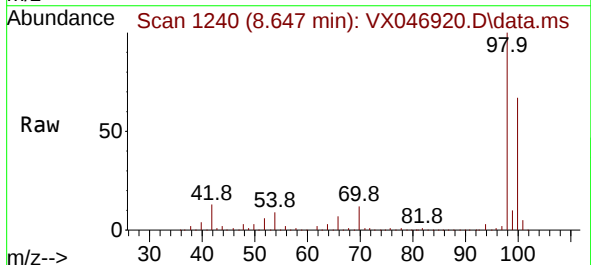
Acq: 09 Jul 2025 09:44

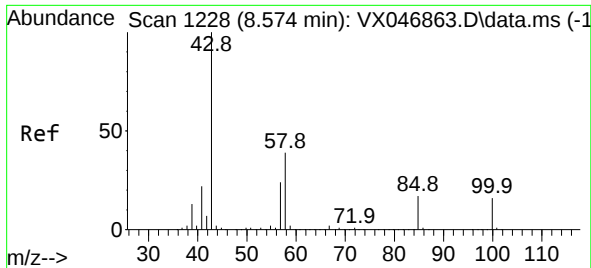
Tgt Ion: 98 Resp: 637208

Ion Ratio Lower Upper

98 100

100 66.6 53.0 79.6

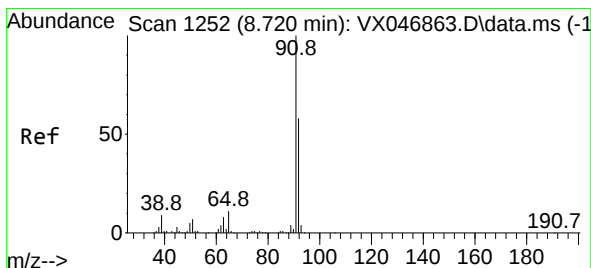
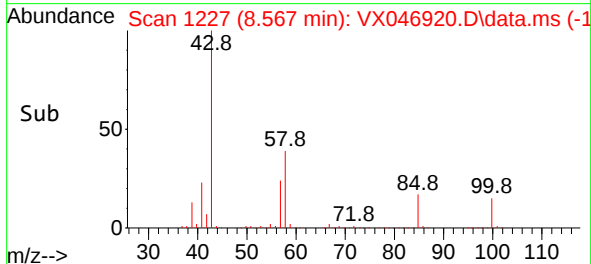
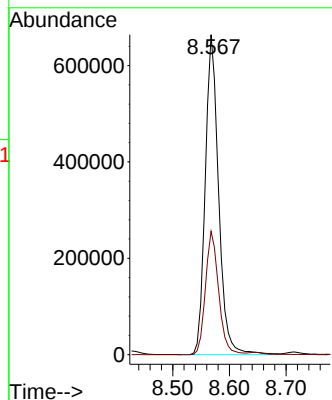
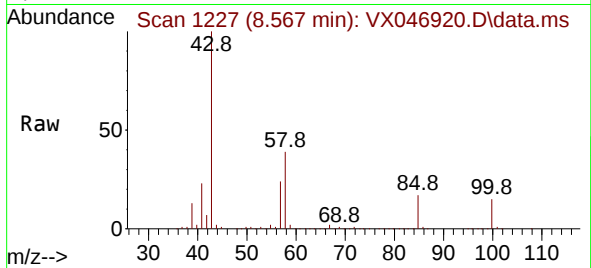




#51
4-Methyl-2-Pentanone
Concen: 281.553 ug/l
RT: 8.567 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

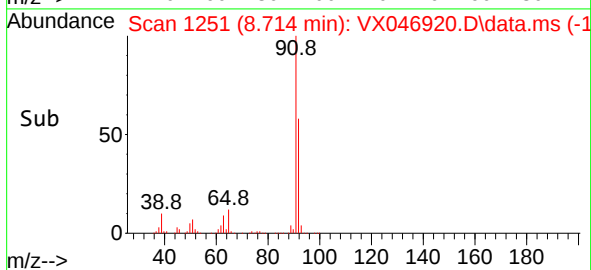
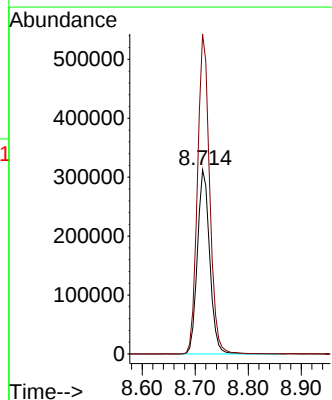
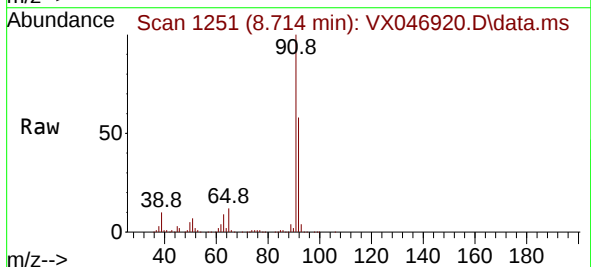
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1088733
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6



#52
Toluene
Concen: 53.564 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

Tgt Ion: 92 Resp: 504228
Ion Ratio Lower Upper
92 100
91 171.4 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 56.277 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

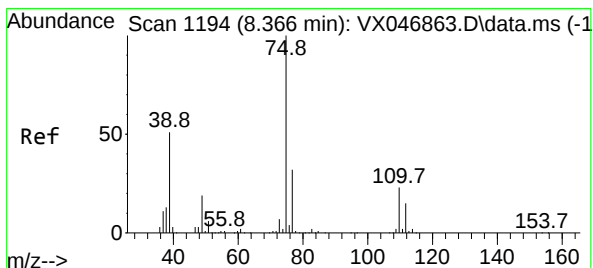
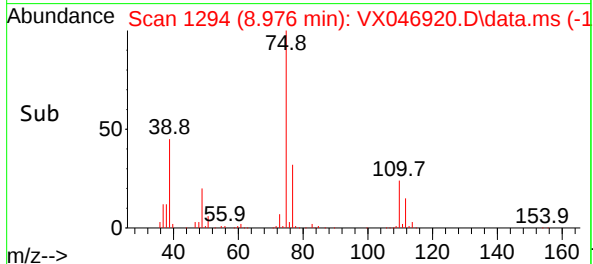
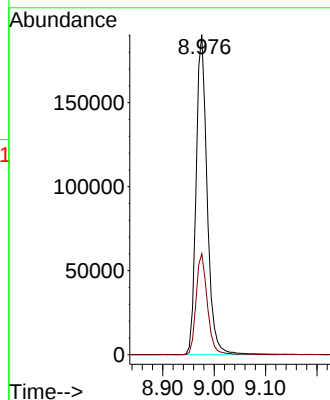
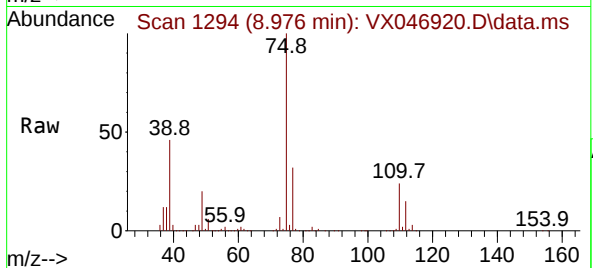
VSTDCCC050

Tgt Ion: 75 Resp: 285184

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 55.805 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

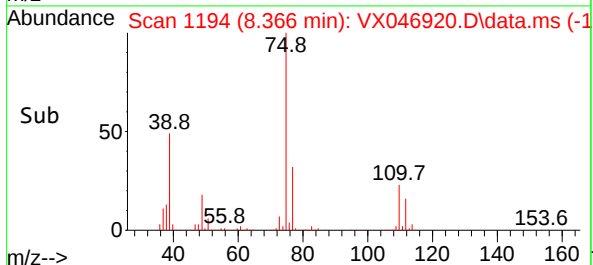
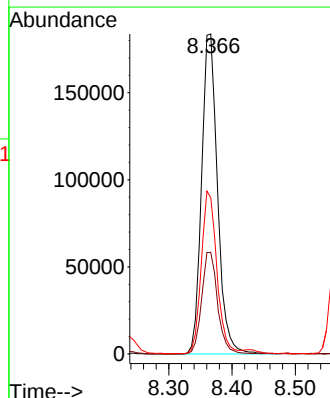
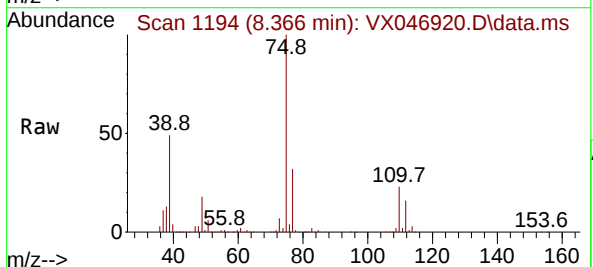
Tgt Ion: 75 Resp: 322788

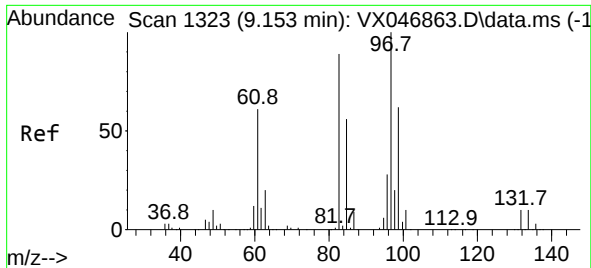
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

39 47.8 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 55.476 ug/l

RT: 9.147 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 194513

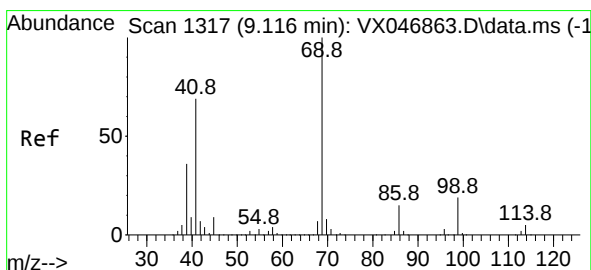
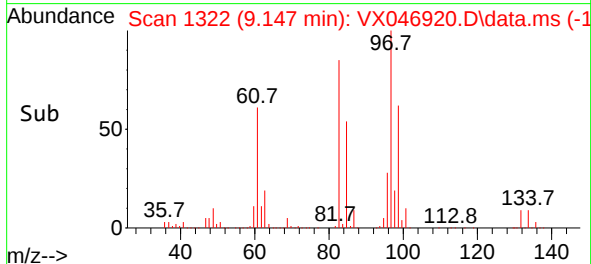
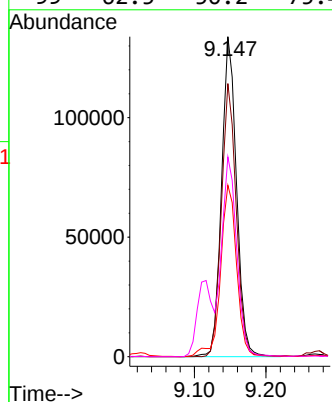
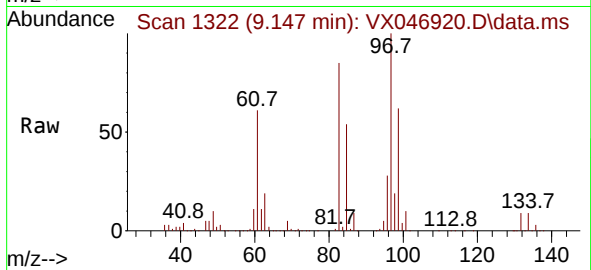
Ion Ratio Lower Upper

97 100

83 85.4 70.9 106.3

85 53.6 44.6 67.0

99 62.5 50.2 75.4



#56

Ethyl methacrylate

Concen: 55.617 ug/l

RT: 9.110 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

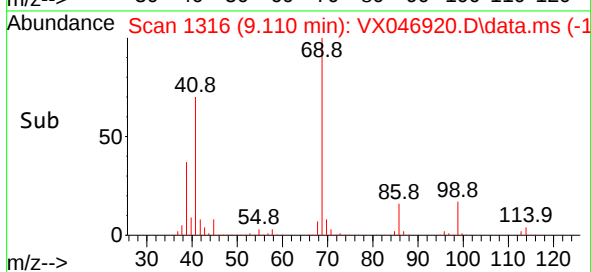
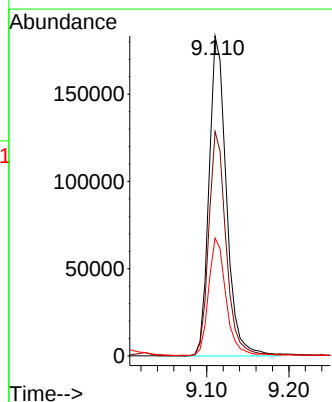
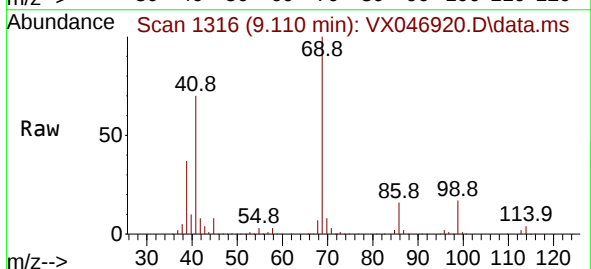
Tgt Ion: 69 Resp: 269907

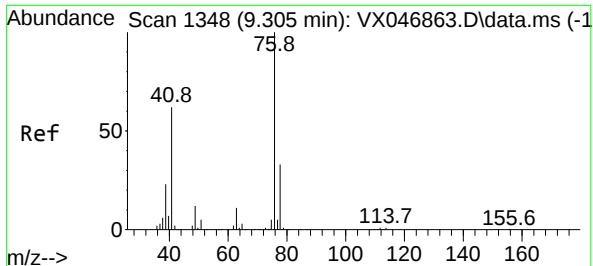
Ion Ratio Lower Upper

69 100

41 70.9 54.6 82.0

39 36.9 28.7 43.1





#57

1,3-Dichloropropane

Concen: 54.790 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

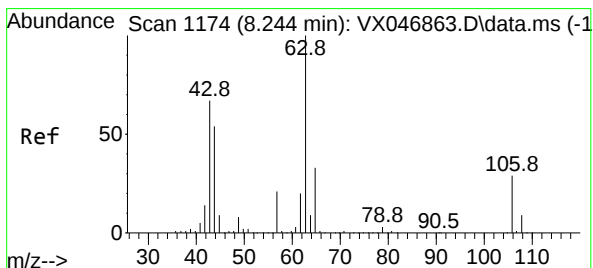
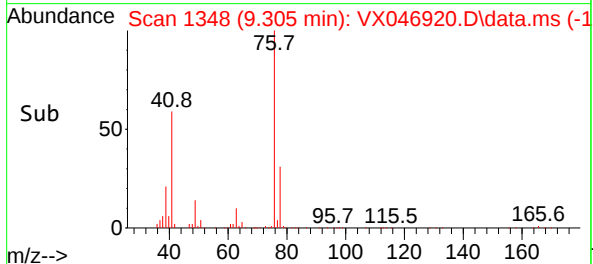
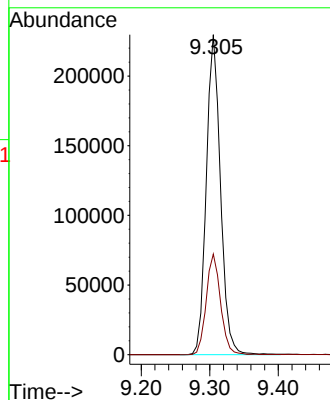
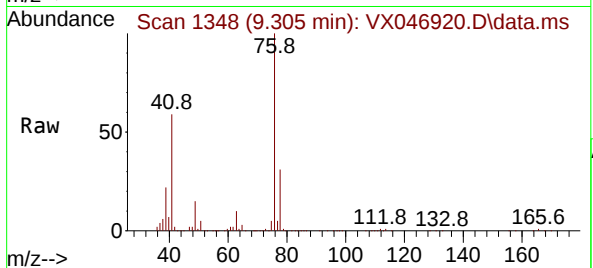
VSTDCCC050

Tgt Ion: 76 Resp: 330795

Ion Ratio Lower Upper

76 100

78 31.8 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 279.340 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX046920.D

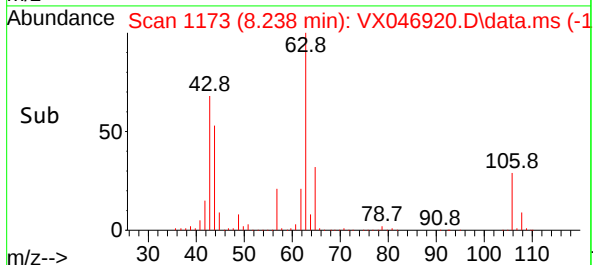
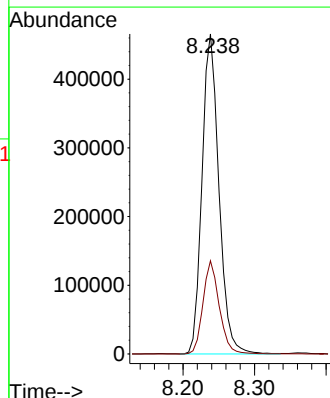
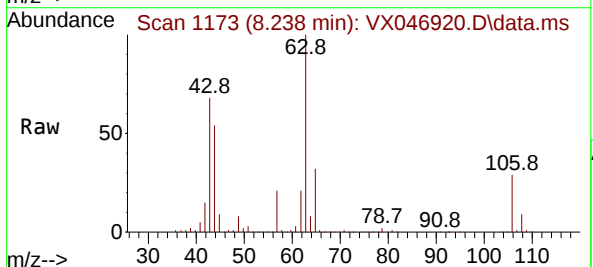
Acq: 09 Jul 2025 09:44

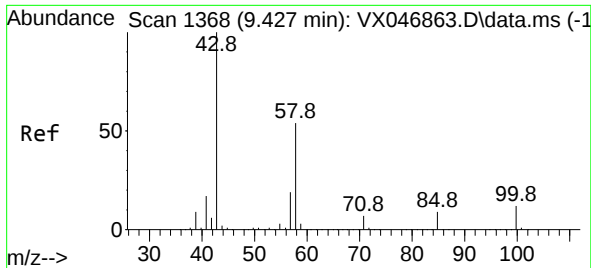
Tgt Ion: 63 Resp: 763830

Ion Ratio Lower Upper

63 100

106 28.1 22.6 33.8

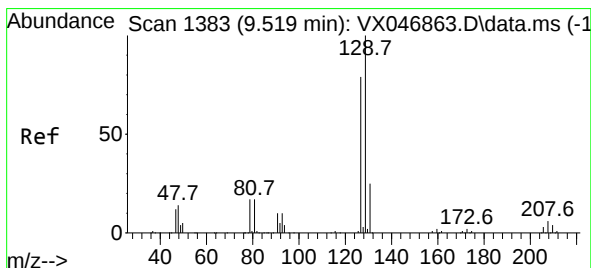
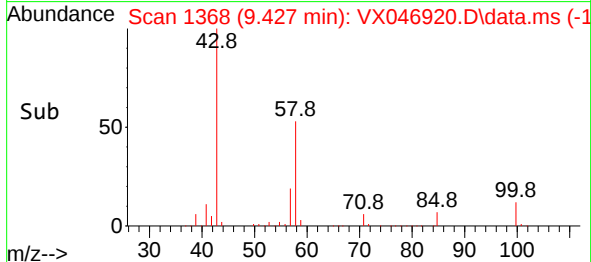
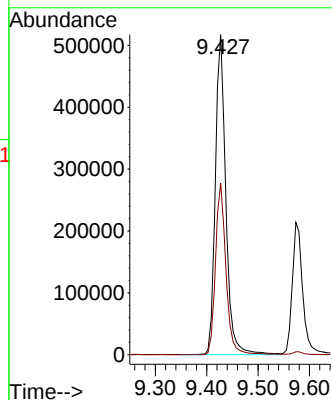
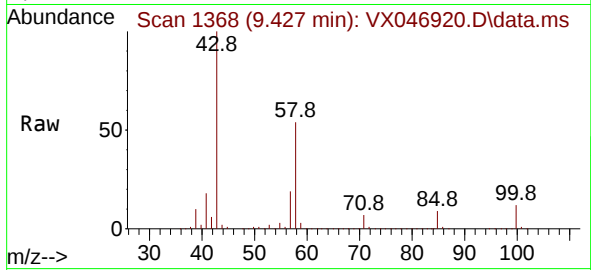




#59
2-Hexanone
Concen: 286.460 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

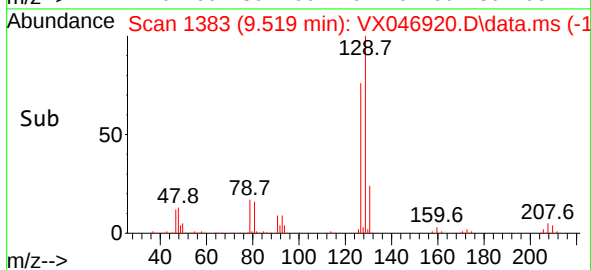
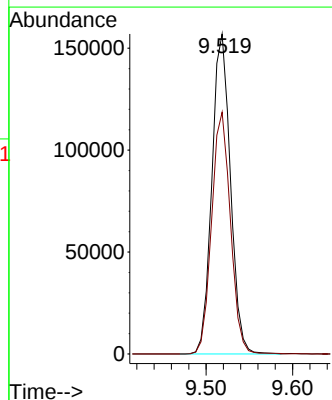
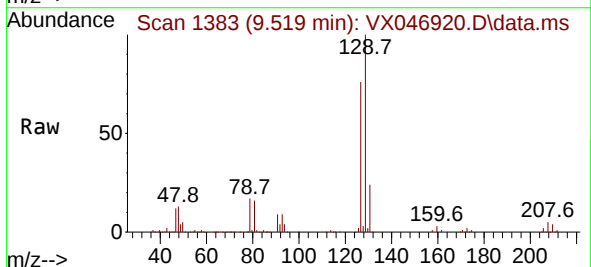
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

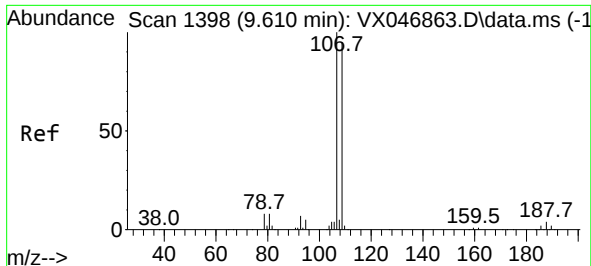
Tgt Ion: 43 Resp: 734742
Ion Ratio Lower Upper
43 100
58 53.4 27.1 81.3



#60
Dibromochloromethane
Concen: 55.630 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

Tgt Ion:129 Resp: 233430
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.5

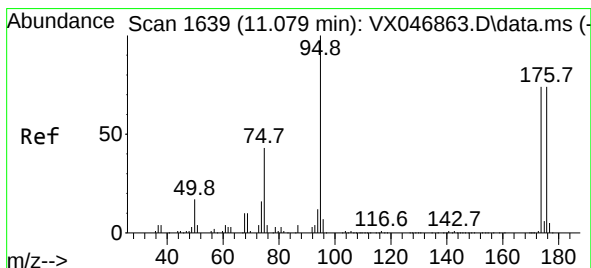
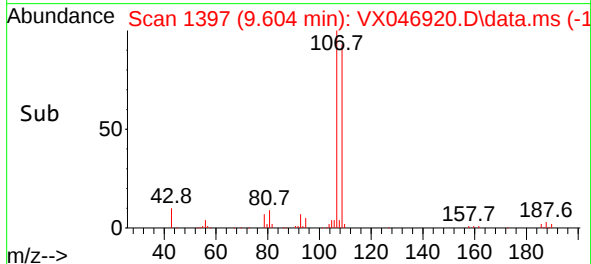
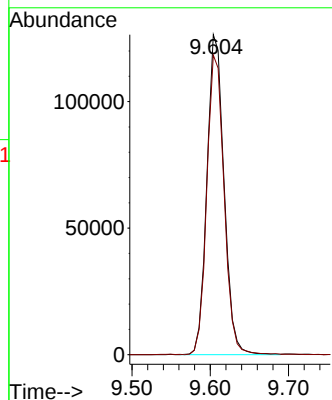
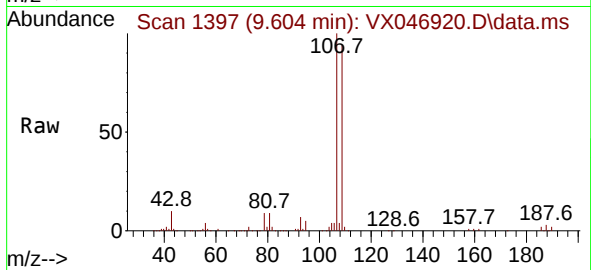




#61
1,2-Dibromoethane
Concen: 54.424 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

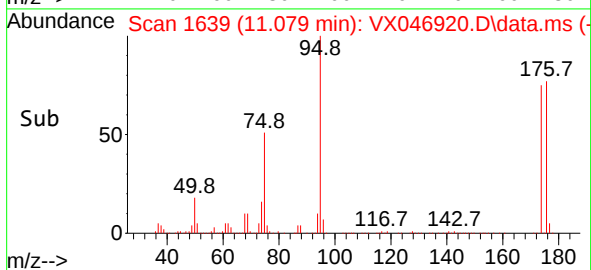
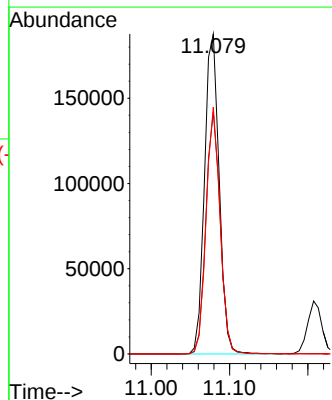
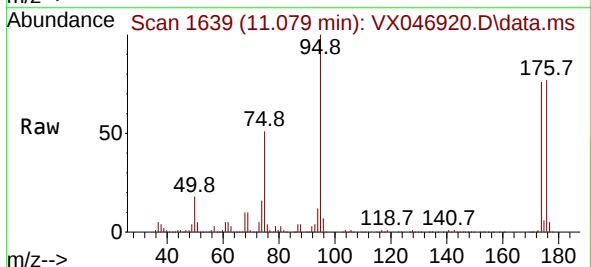
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

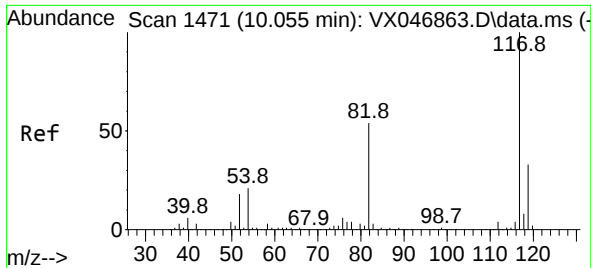
Tgt Ion:107 Resp: 191649
Ion Ratio Lower Upper
107 100
109 94.6 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 48.776 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

Tgt Ion: 95 Resp: 243468
Ion Ratio Lower Upper
95 100
174 74.1 0.0 152.0
176 73.1 0.0 145.2

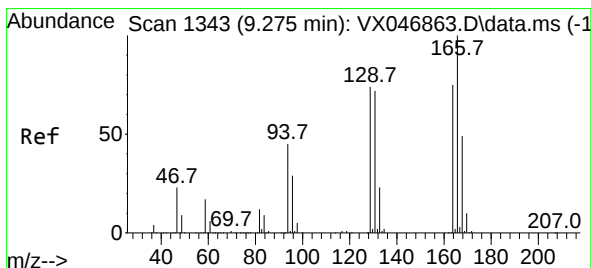
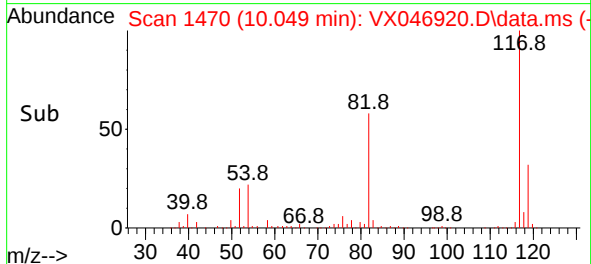
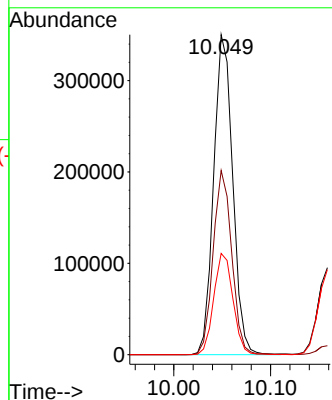
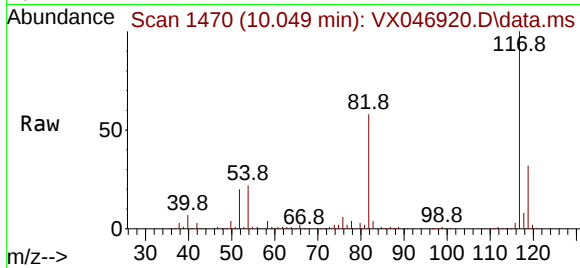




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

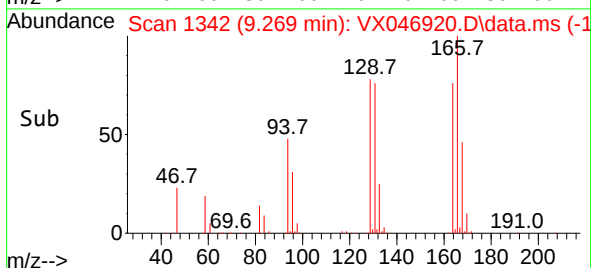
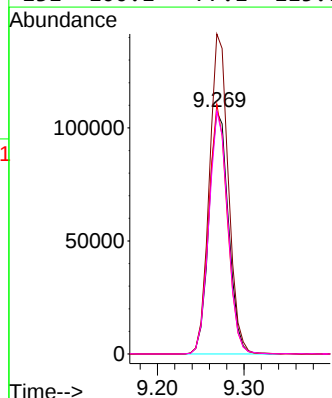
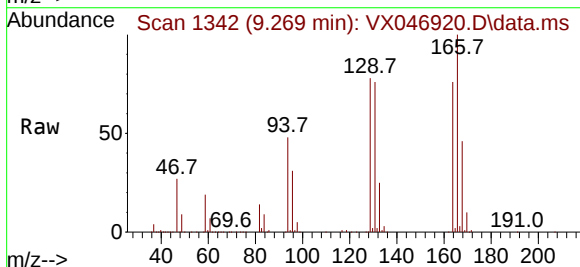
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

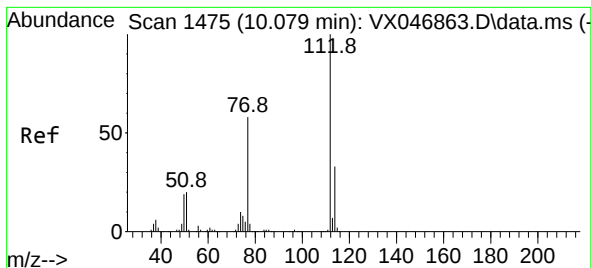
Tgt Ion:117 Resp: 478293
Ion Ratio Lower Upper
117 100
82 57.6 43.3 64.9
119 31.6 26.4 39.6



#64
Tetrachloroethene
Concen: 52.771 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

Tgt Ion:164 Resp: 168048
Ion Ratio Lower Upper
164 100
166 132.0 107.0 160.6
129 103.1 79.7 119.5
131 100.1 77.1 115.7





#65

Chlorobenzene

Concen: 54.528 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

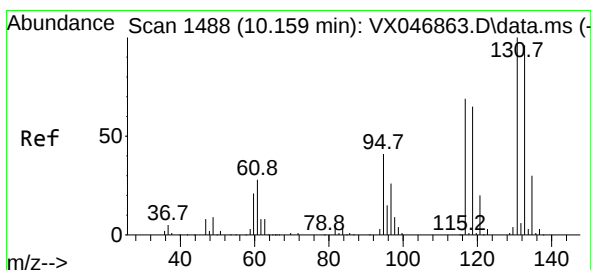
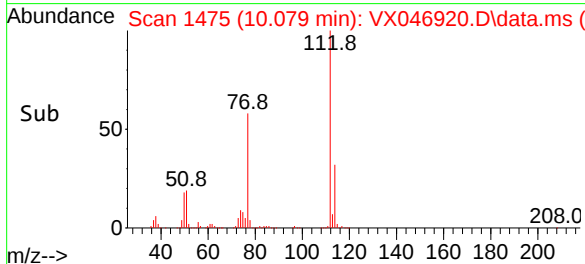
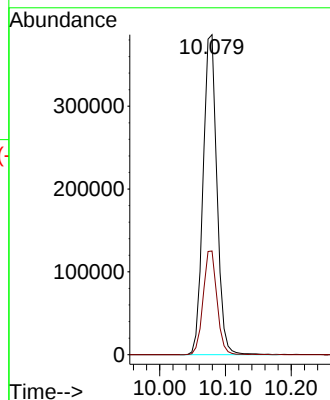
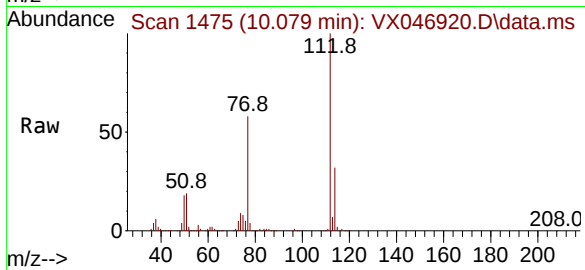
VSTDCCC050

Tgt Ion:112 Resp: 563873

Ion Ratio Lower Upper

112 100

114 32.4 26.3 39.5



#66

1,1,1,2-Tetrachloroethane

Concen: 56.832 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

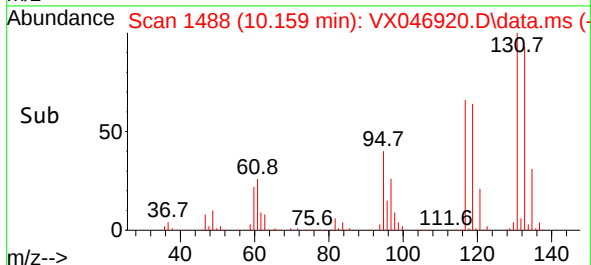
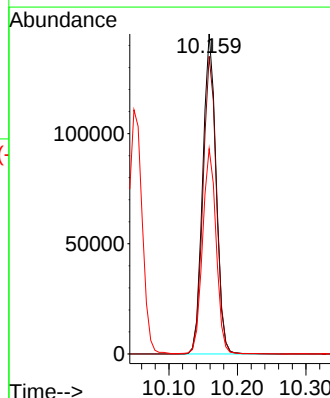
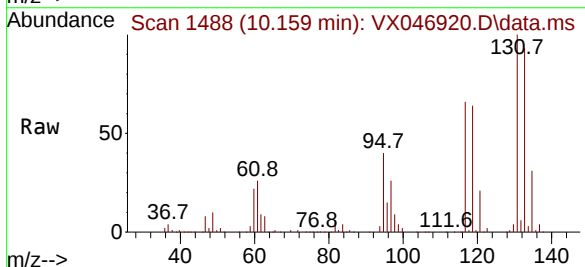
Tgt Ion:131 Resp: 197562

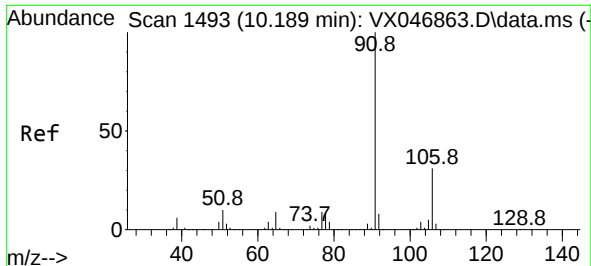
Ion Ratio Lower Upper

131 100

133 93.4 47.6 142.9

119 65.2 32.4 97.2





#67

Ethyl Benzene

Concen: 55.081 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

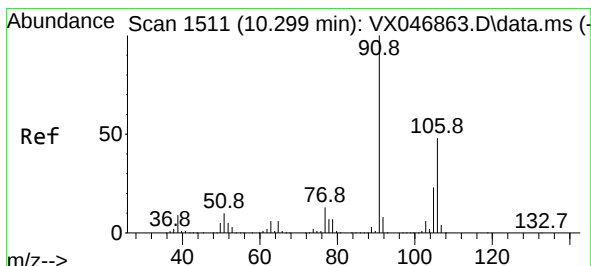
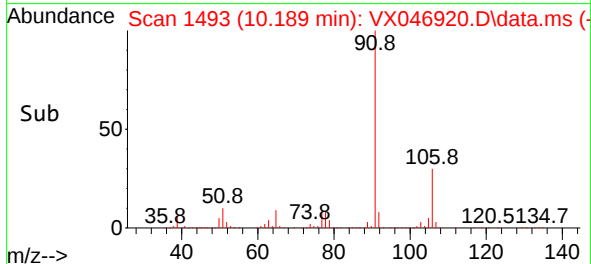
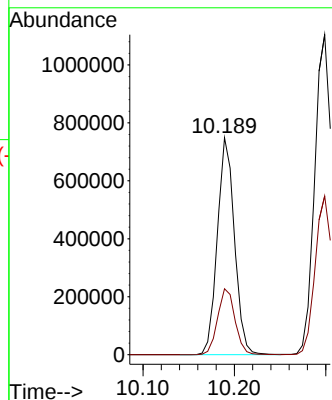
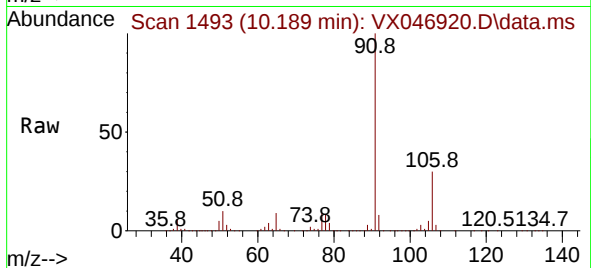
VSTDCCC050

Tgt Ion: 91 Resp: 975441

Ion Ratio Lower Upper

91 100

106 30.4 24.4 36.6



#68

m/p-Xylenes

Concen: 110.810 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX046920.D

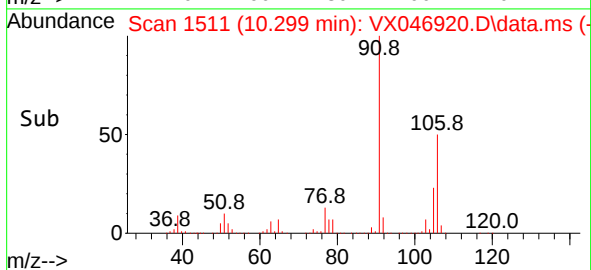
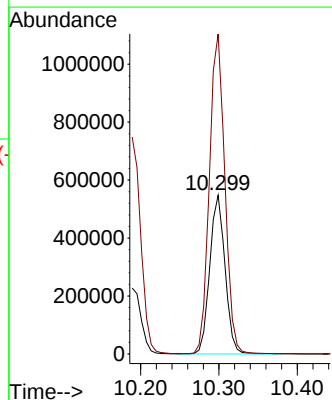
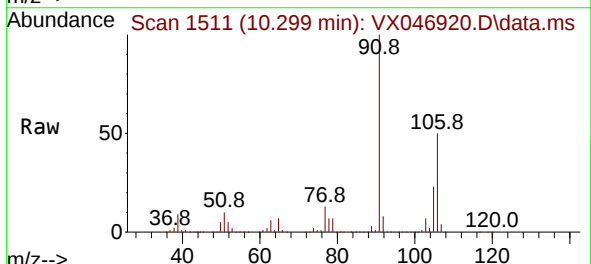
Acq: 09 Jul 2025 09:44

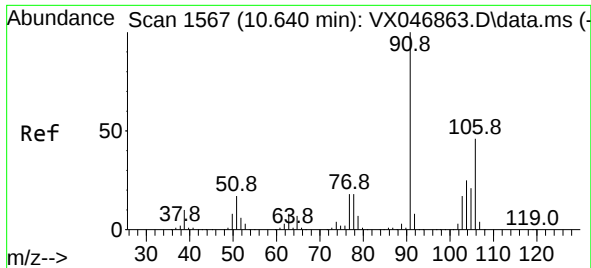
Tgt Ion: 106 Resp: 739446

Ion Ratio Lower Upper

106 100

91 204.9 164.6 246.8

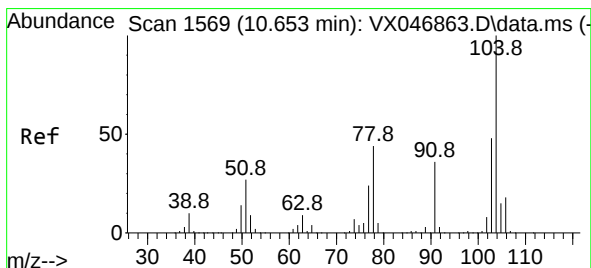
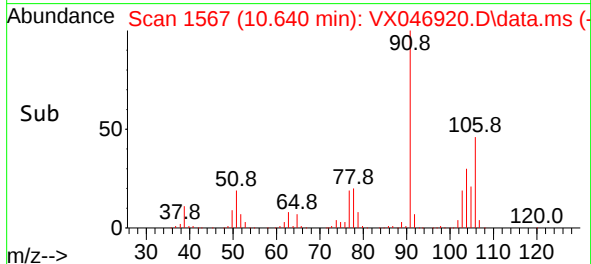
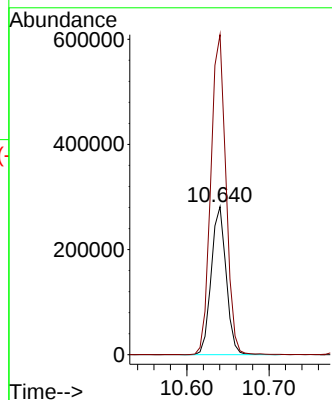
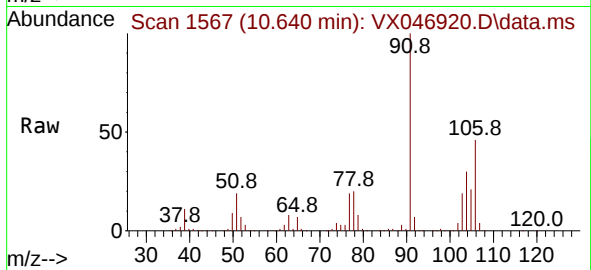




#69
o-Xylene
Concen: 55.089 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

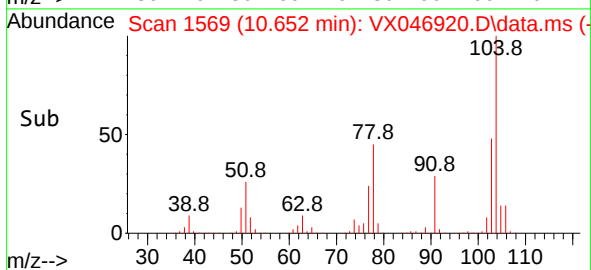
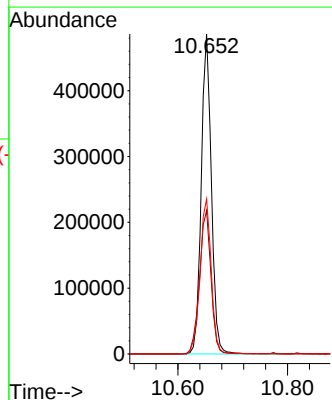
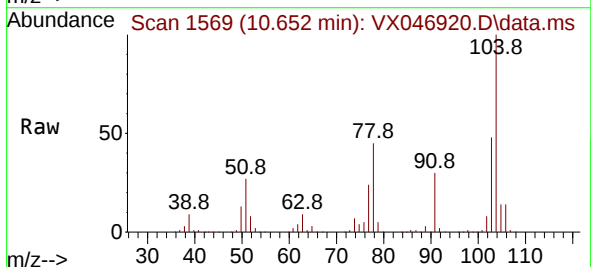
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

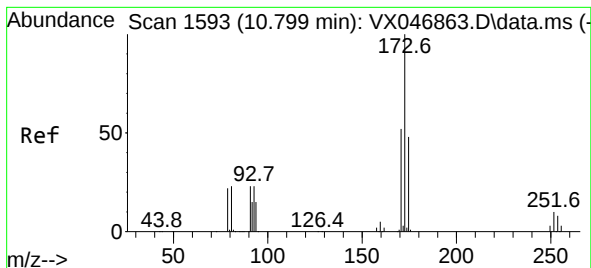
Tgt Ion:106 Resp: 355099
Ion Ratio Lower Upper
106 100
91 219.4 109.5 328.5



#70
Styrene
Concen: 56.613 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

Tgt Ion:104 Resp: 624346
Ion Ratio Lower Upper
104 100
78 50.9 40.3 60.5
103 53.5 42.8 64.2





#71

Bromoform

Concen: 56.272 ug/l

RT: 10.793 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

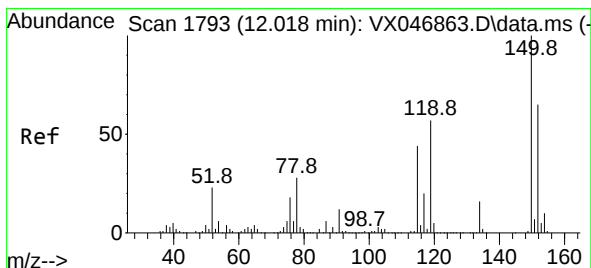
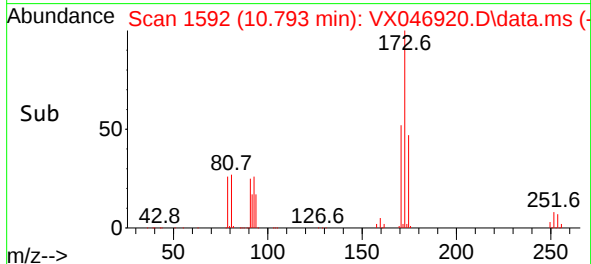
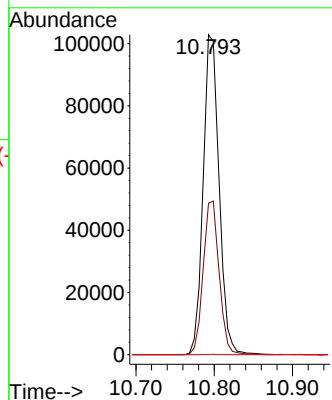
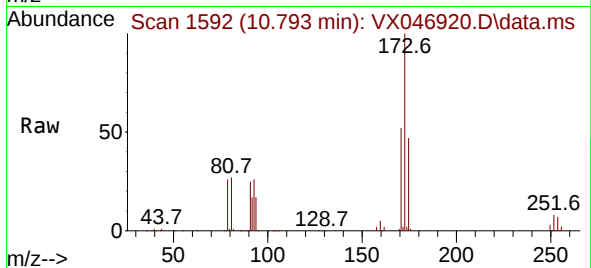
Tgt Ion:173 Resp: 145448

Ion Ratio Lower Upper

173 100

175 48.0 23.8 71.5

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

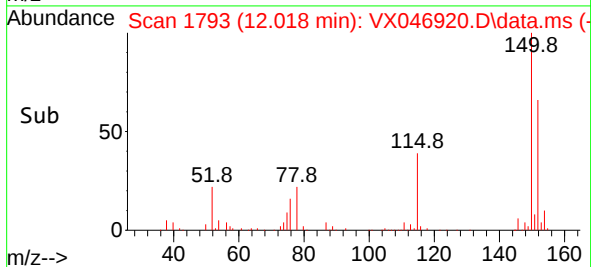
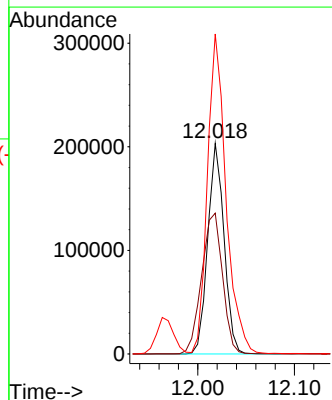
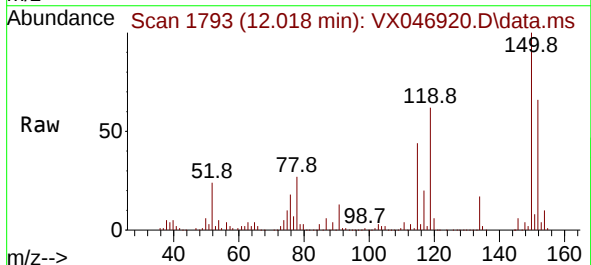
Tgt Ion:152 Resp: 238052

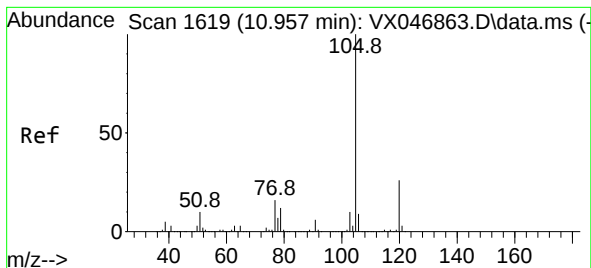
Ion Ratio Lower Upper

152 100

115 86.0 42.4 127.1

150 172.9 0.0 349.2





#73

Isopropylbenzene

Concen: 56.521 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

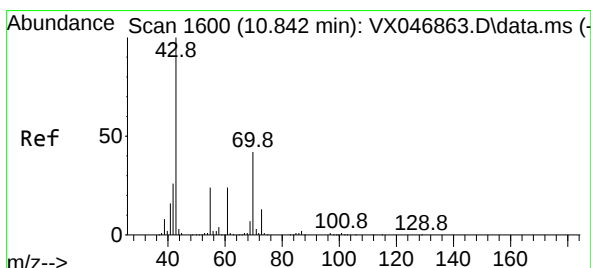
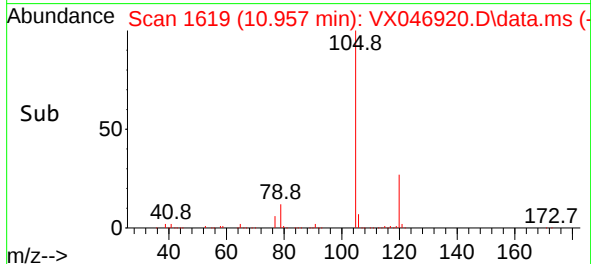
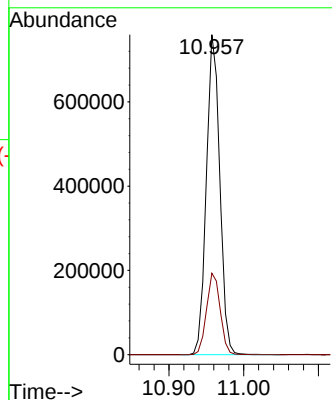
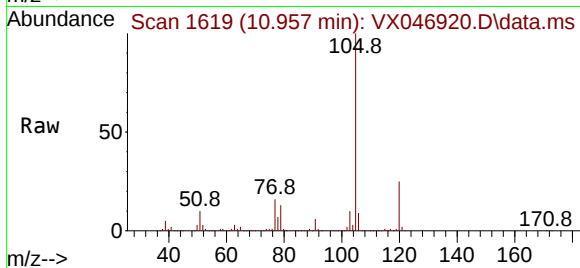
VSTDCCC050

Tgt Ion:105 Resp: 945846

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.5



#74

N-ethyl acetate

Concen: 56.808 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

Tgt Ion: 43 Resp: 323042

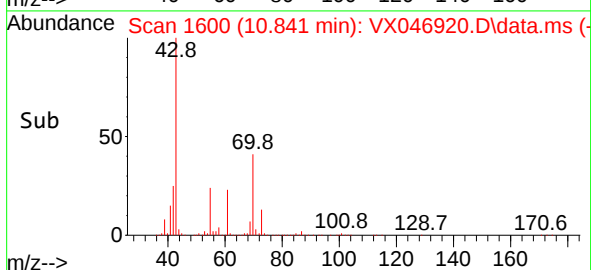
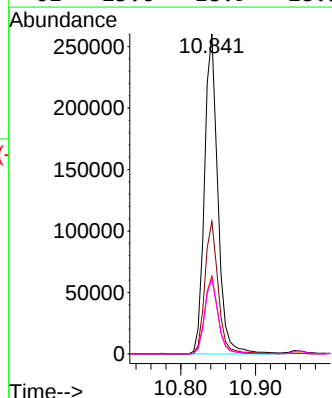
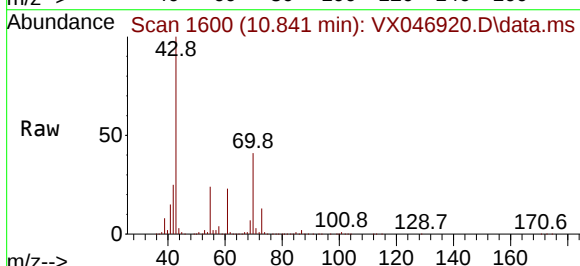
Ion Ratio Lower Upper

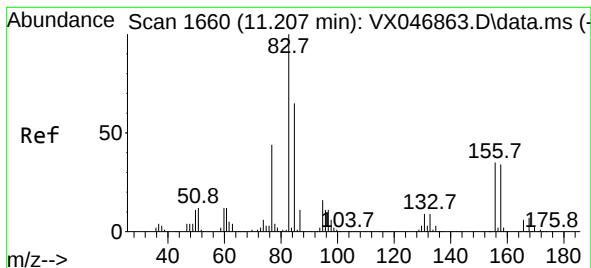
43 100

70 41.4 33.4 50.2

55 24.7 19.6 29.4

61 23.6 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 55.028 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

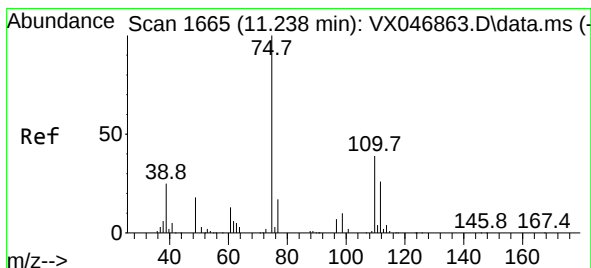
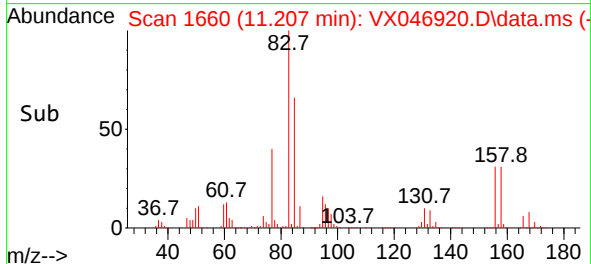
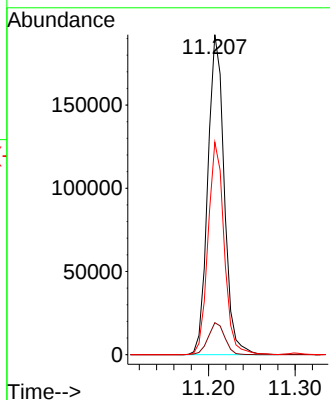
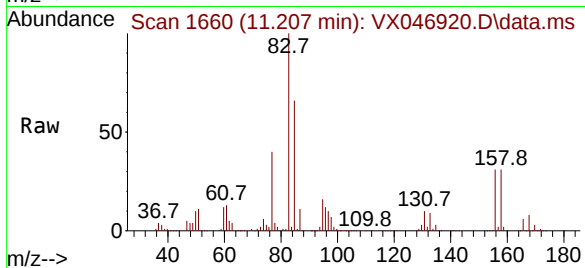
Tgt Ion: 83 Resp: 253214

Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

85 65.1 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 71.622 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX046920.D

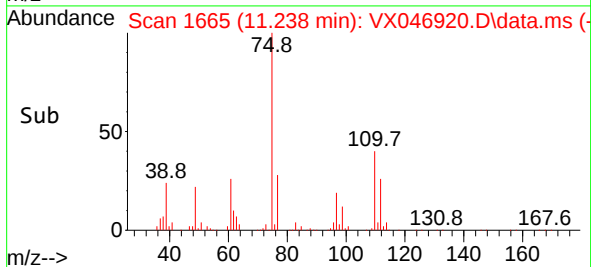
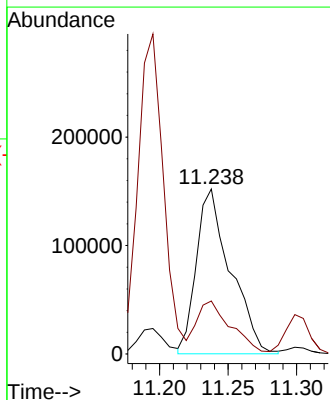
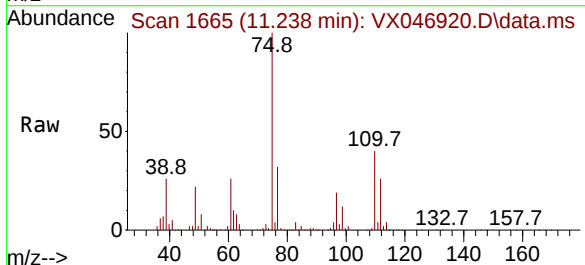
Acq: 09 Jul 2025 09:44

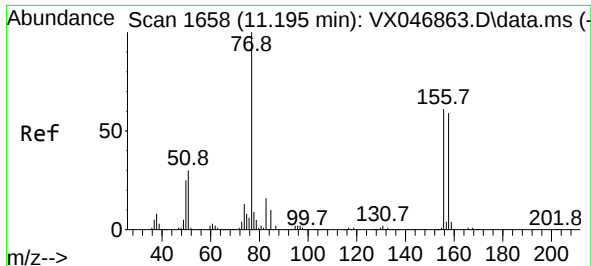
Tgt Ion: 75 Resp: 263442

Ion Ratio Lower Upper

75 100

77 32.2 20.6 61.8

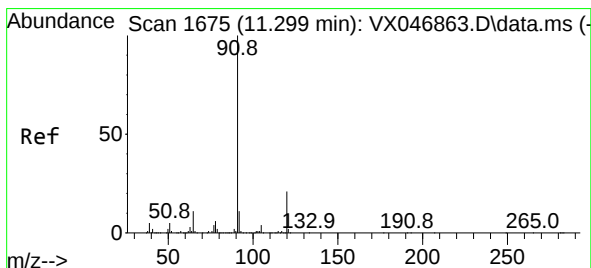
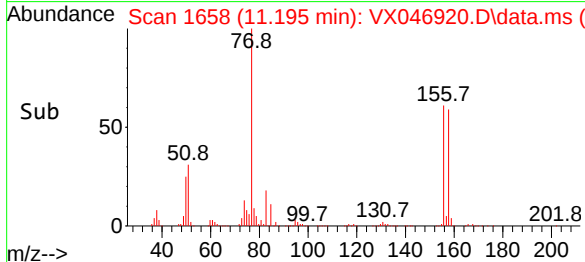
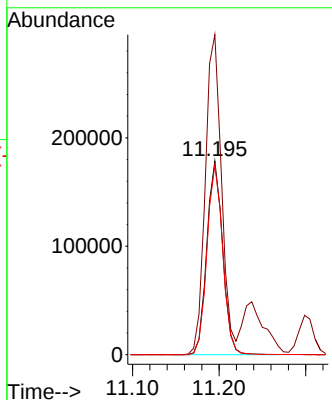
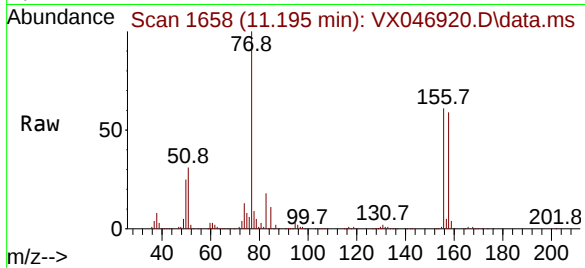




#77
Bromobenzene
Concen: 54.554 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

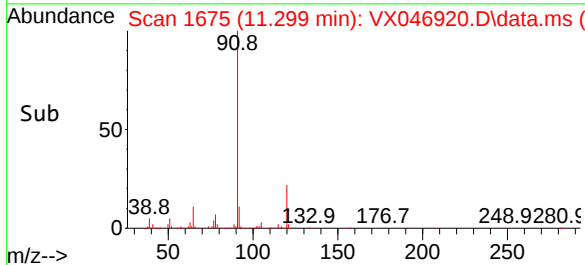
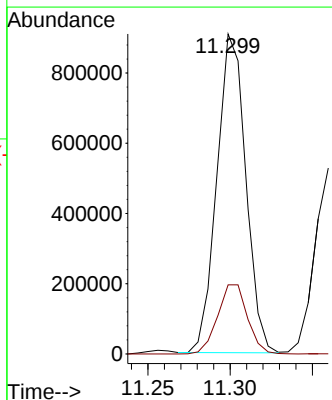
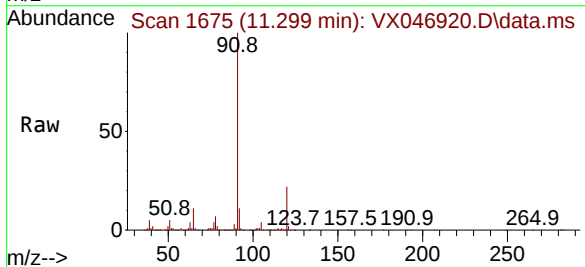
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

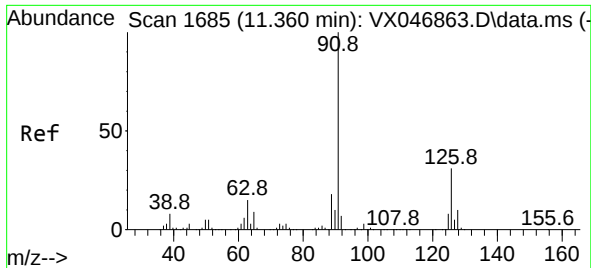
Tgt Ion:156 Resp: 227398
Ion Ratio Lower Upper
156 100
77 168.8 82.3 247.0
158 97.2 47.5 142.6



#78
n-propylbenzene
Concen: 55.075 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

Tgt Ion: 91 Resp: 1111327
Ion Ratio Lower Upper
91 100
120 22.5 11.2 33.5

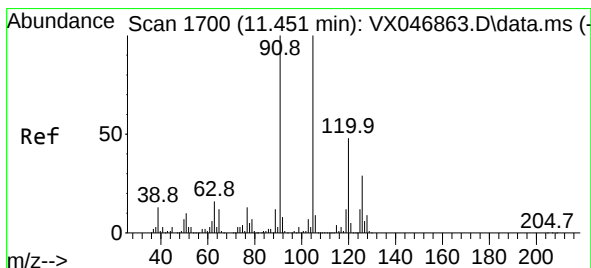
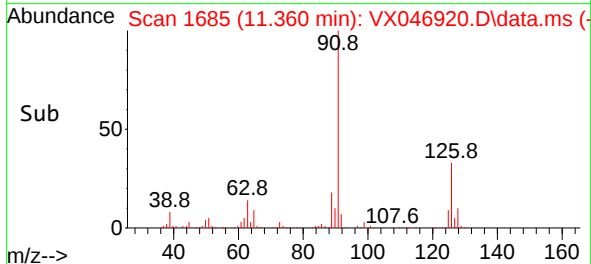
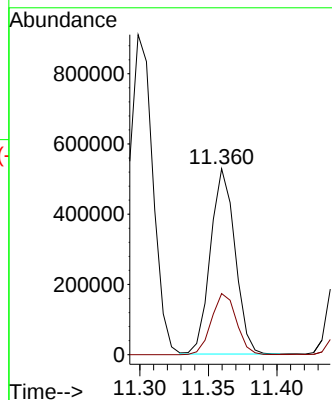
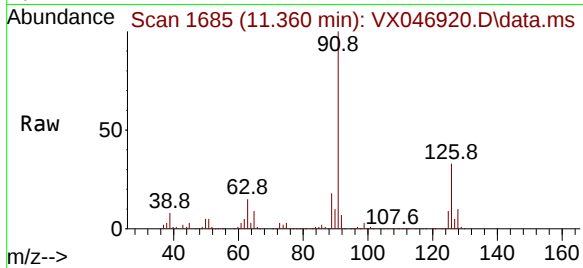




#79
2-Chlorotoluene
Concen: 55.222 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

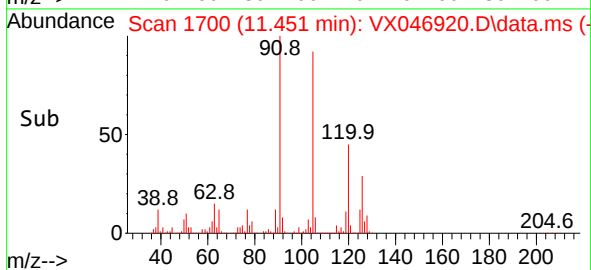
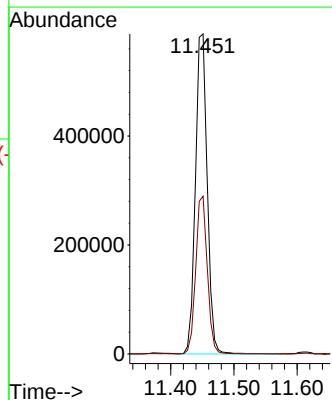
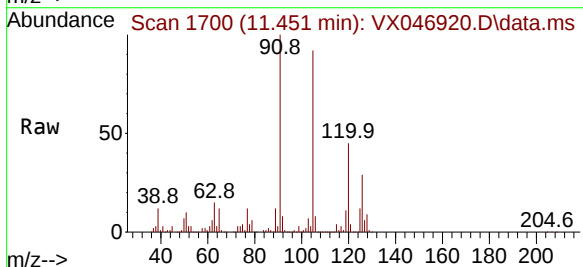
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

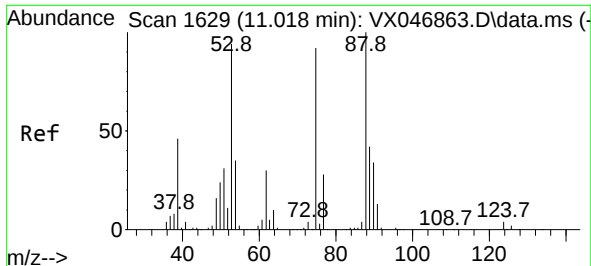
Tgt Ion: 91 Resp: 657954
Ion Ratio Lower Upper
91 100
126 33.6 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 56.129 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

Tgt Ion:105 Resp: 763217
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.4

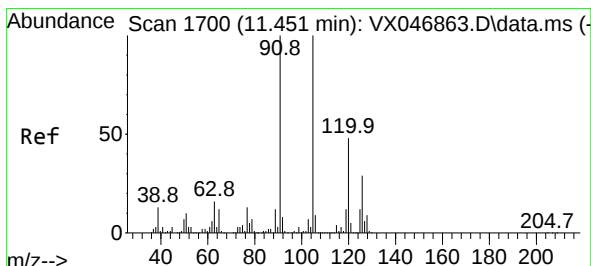
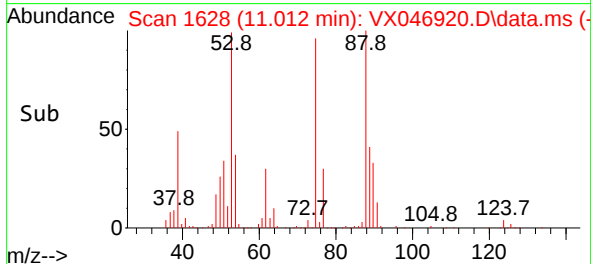
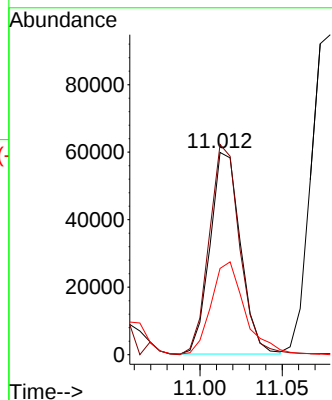
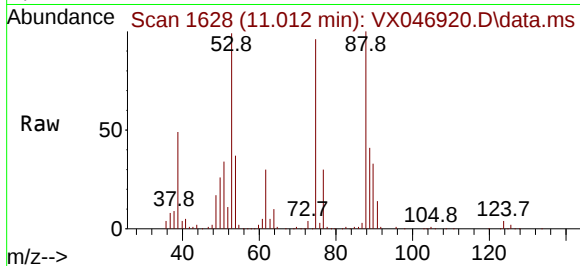




#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.170 ug/l
 RT: 11.012 min Scan# 1628
 Delta R.T. -0.006 min
 Lab File: VX046920.D
 Acq: 09 Jul 2025 09:44

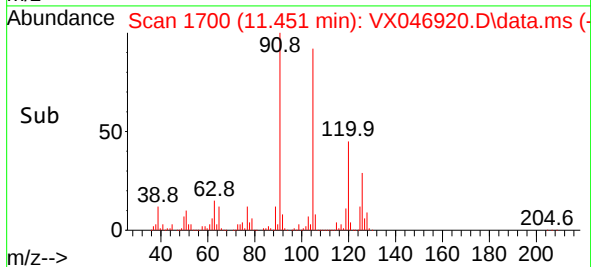
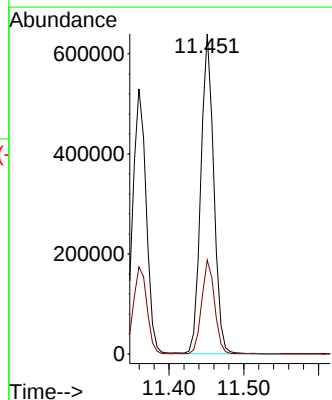
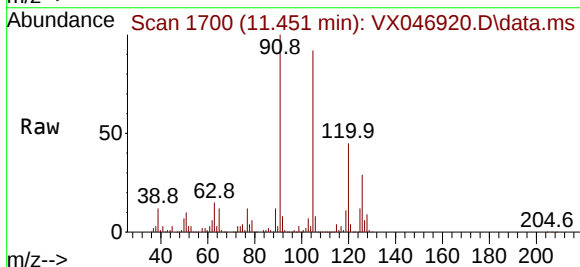
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

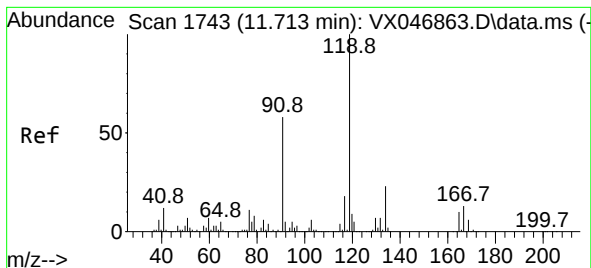
Tgt Ion: 75 Resp: 76991
 Ion Ratio Lower Upper
 75 100
 53 105.4 83.7 125.5
 89 51.6 38.2 57.2



#82
 4-Chlorotoluene
 Concen: 55.758 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX046920.D
 Acq: 09 Jul 2025 09:44

Tgt Ion: 91 Resp: 766643
 Ion Ratio Lower Upper
 91 100
 126 29.4 14.6 44.0





#83

tert-Butylbenzene

Concen: 56.236 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

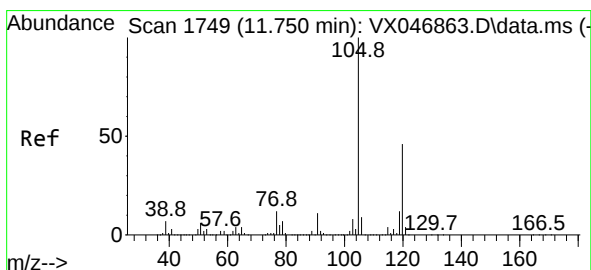
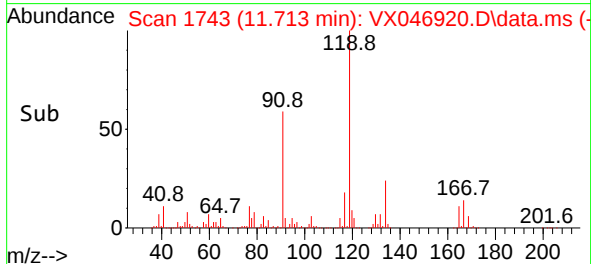
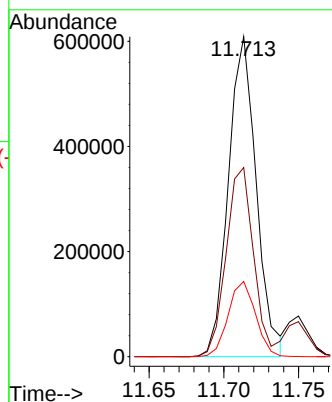
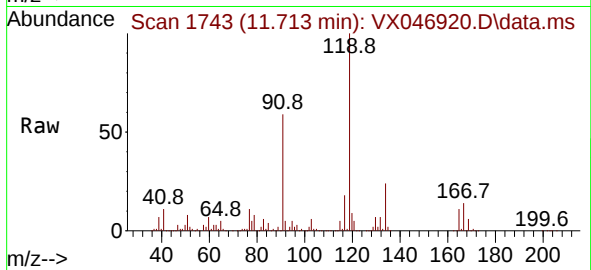
Tgt Ion:119 Resp: 789770

Ion Ratio Lower Upper

119 100

91 57.7 28.7 86.3

134 23.1 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 55.663 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX046920.D

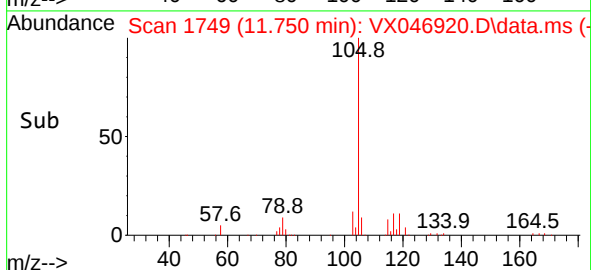
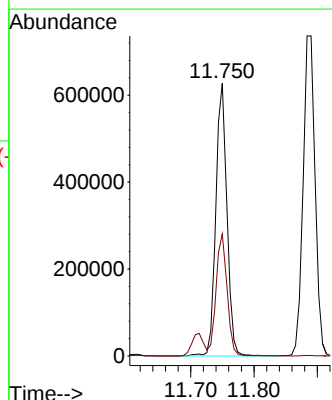
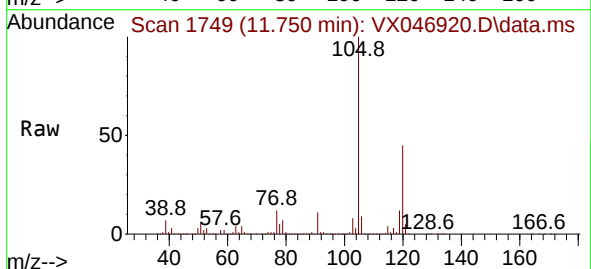
Acq: 09 Jul 2025 09:44

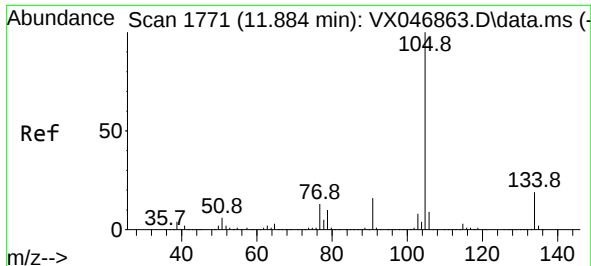
Tgt Ion:105 Resp: 765021

Ion Ratio Lower Upper

105 100

120 44.3 23.3 69.8

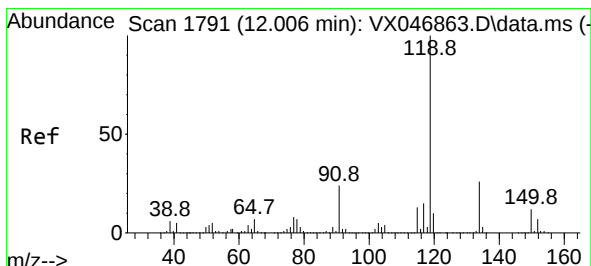
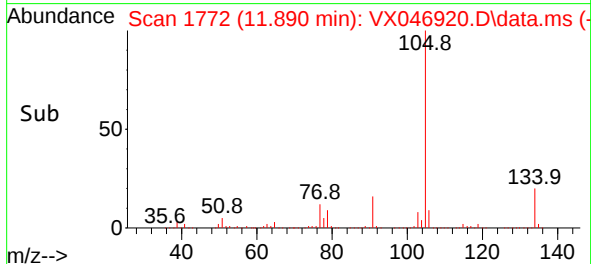
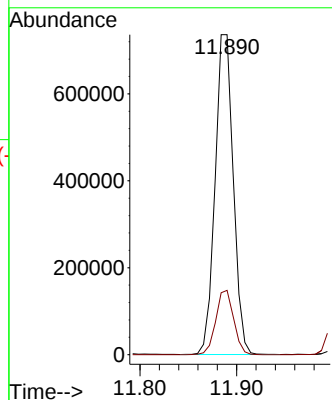
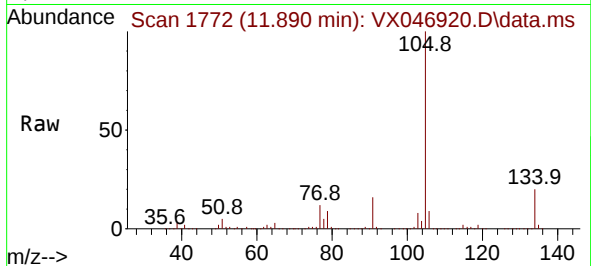




#85
sec-Butylbenzene
Concen: 54.240 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

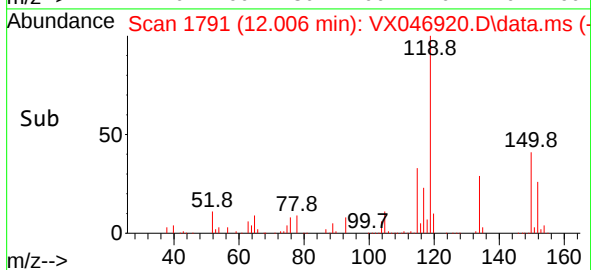
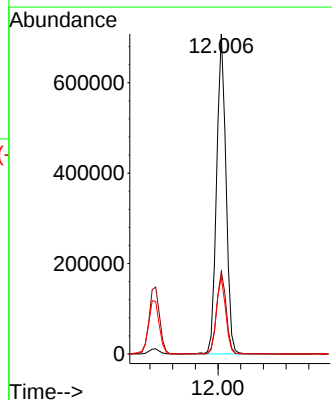
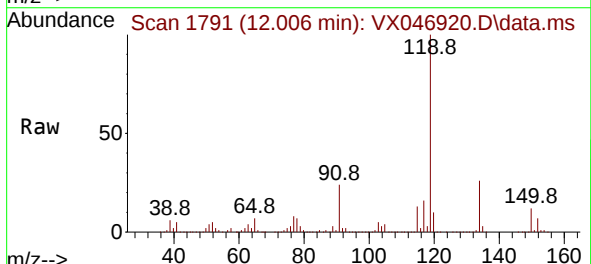
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 960421
Ion Ratio Lower Upper
105 100
134 19.8 9.9 29.7



#86
p-Isopropyltoluene
Concen: 54.726 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046920.D
Acq: 09 Jul 2025 09:44

Tgt Ion:119 Resp: 811483
Ion Ratio Lower Upper
119 100
134 26.0 13.0 39.0
91 24.0 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 54.628 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

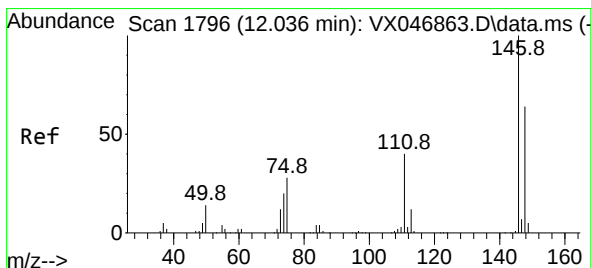
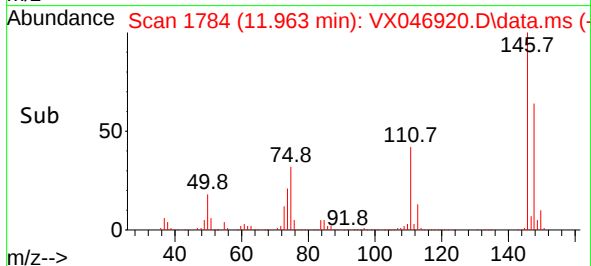
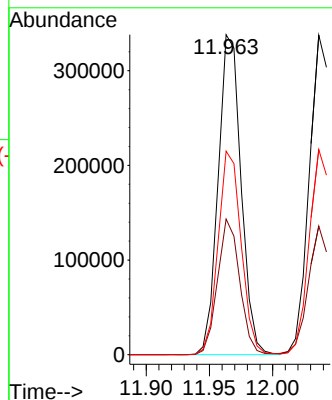
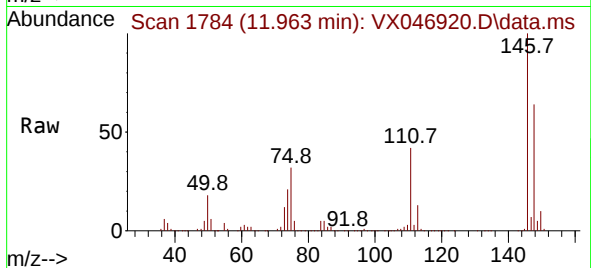
Tgt Ion:146 Resp: 425860

Ion Ratio Lower Upper

146 100

111 41.0 20.5 61.6

148 63.9 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 53.071 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

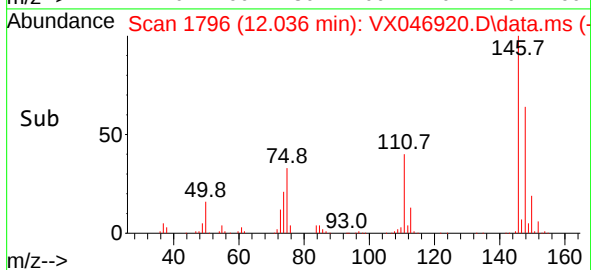
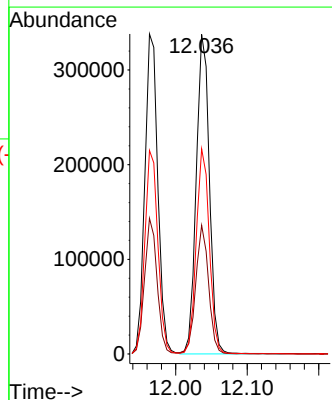
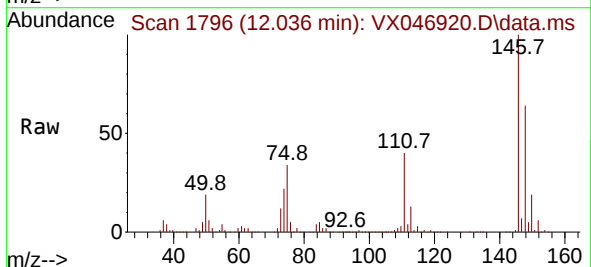
Tgt Ion:146 Resp: 430581

Ion Ratio Lower Upper

146 100

111 39.3 20.2 60.5

148 63.6 32.4 97.0





#89

n-Butylbenzene

Concen: 53.760 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

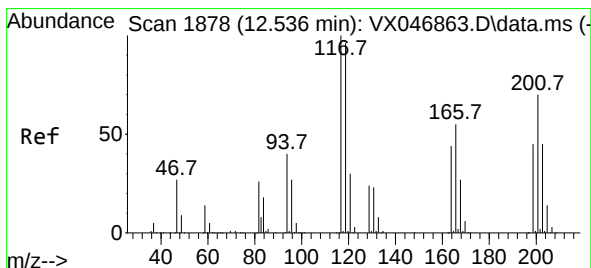
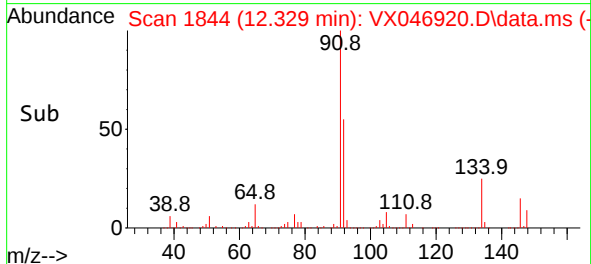
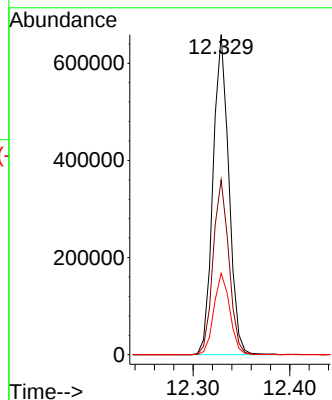
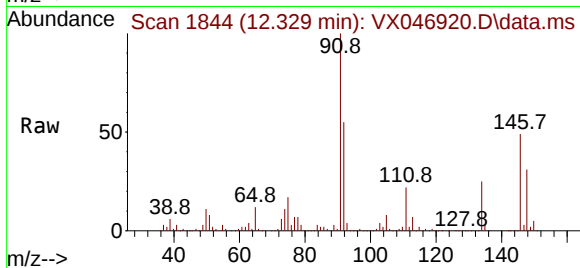
Tgt Ion: 91 Resp: 749009

Ion Ratio Lower Upper

91 100

92 54.7 27.0 81.0

134 25.6 12.8 38.4



#90

Hexachloroethane

Concen: 55.329 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX046920.D

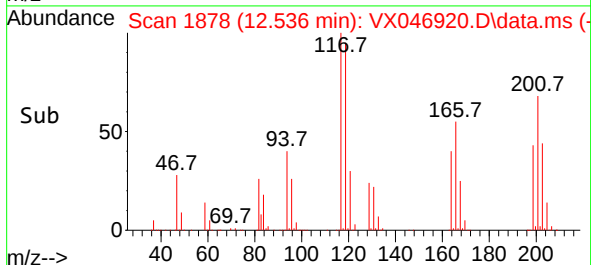
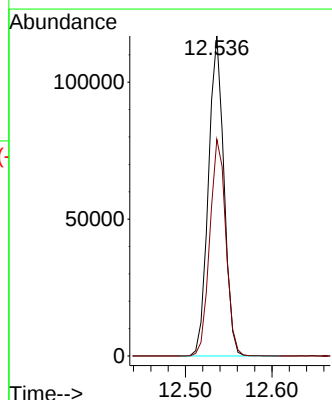
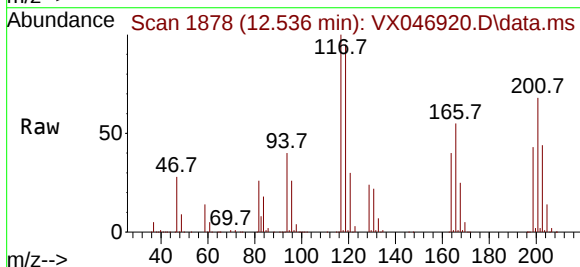
Acq: 09 Jul 2025 09:44

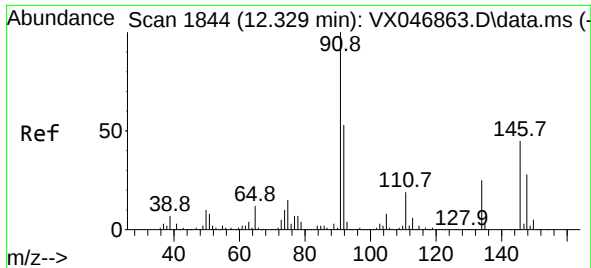
Tgt Ion:117 Resp: 145438

Ion Ratio Lower Upper

117 100

201 70.0 35.8 107.4

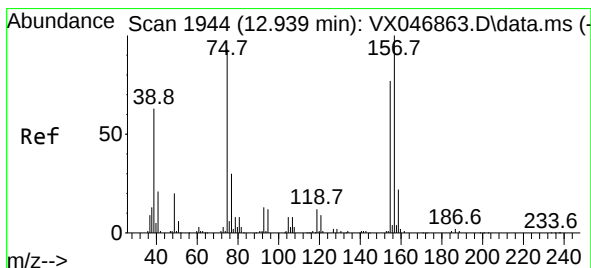
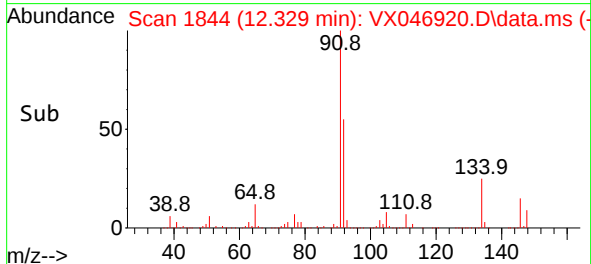
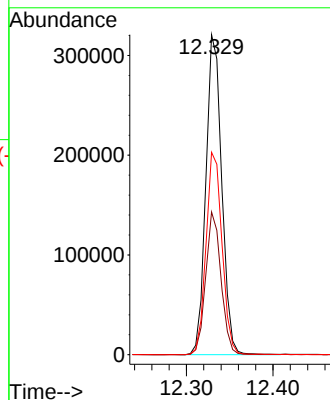
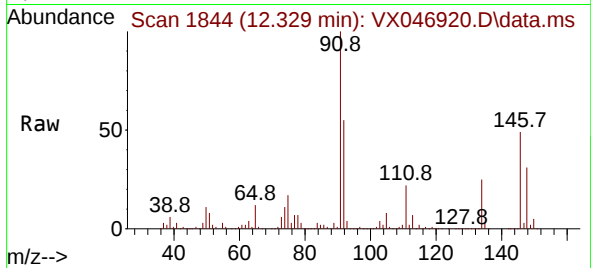




#91
 1,2-Dichlorobenzene
 Concen: 53.945 ug/l
 RT: 12.329 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: VX046920.D
 Acq: 09 Jul 2025 09:44

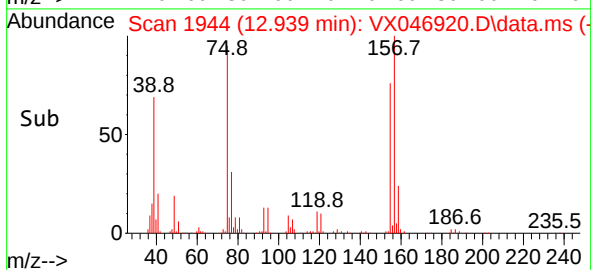
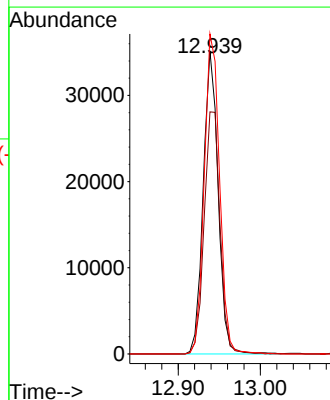
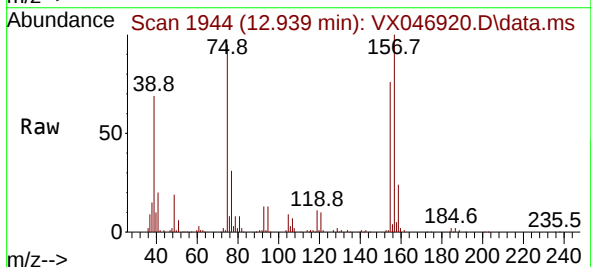
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 407526
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.1 63.1
 148 63.8 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.902 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: VX046920.D
 Acq: 09 Jul 2025 09:44

Tgt Ion: 75 Resp: 44186
 Ion Ratio Lower Upper
 75 100
 155 85.5 43.1 129.4
 157 109.0 56.5 169.5





#93

1,2,4-Trichlorobenzene

Concen: 52.687 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

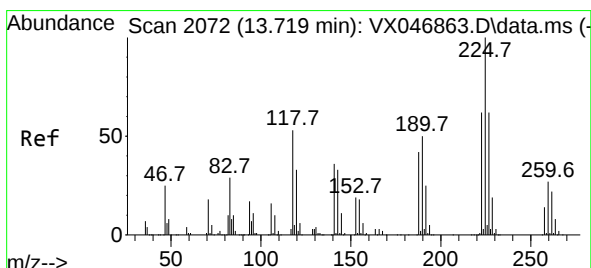
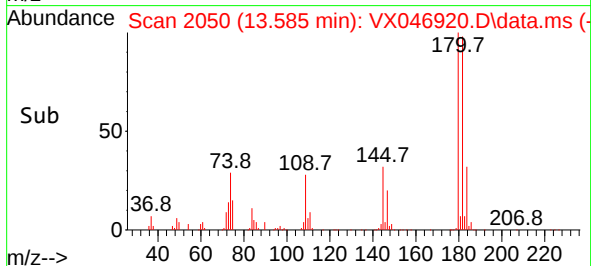
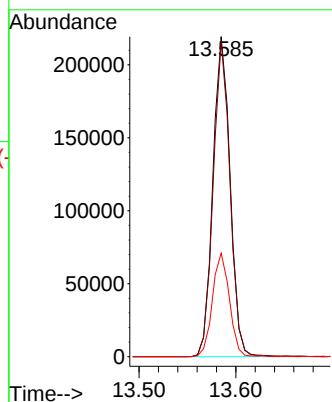
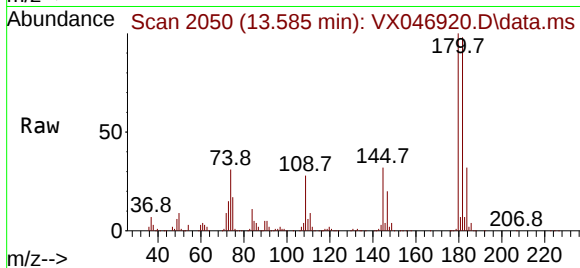
Tgt Ion:180 Resp: 270399

Ion Ratio Lower Upper

180 100

182 96.6 47.3 141.9

145 32.1 16.1 48.2



#94

Hexachlorobutadiene

Concen: 48.386 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.000 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

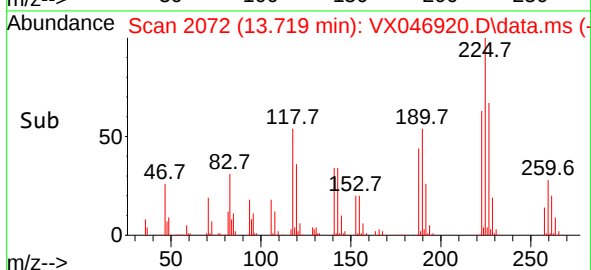
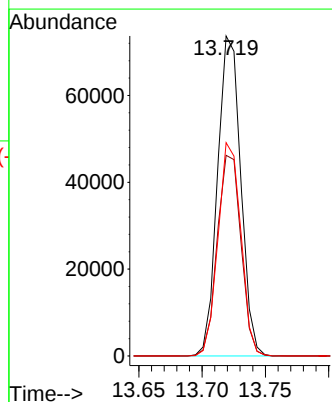
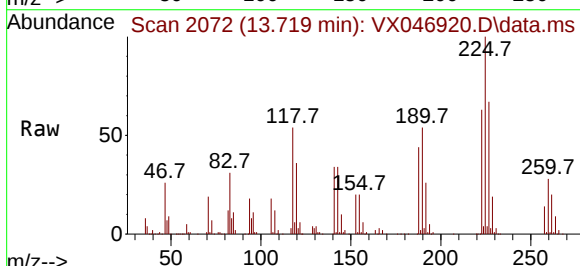
Tgt Ion:225 Resp: 93649

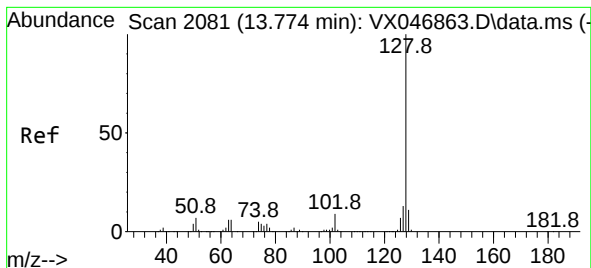
Ion Ratio Lower Upper

225 100

223 64.3 31.6 94.7

227 65.8 31.6 94.7





#95

Naphthalene

Concen: 56.859 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

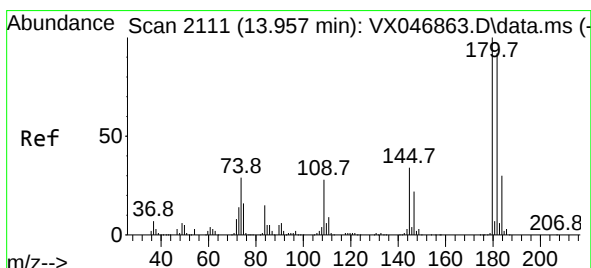
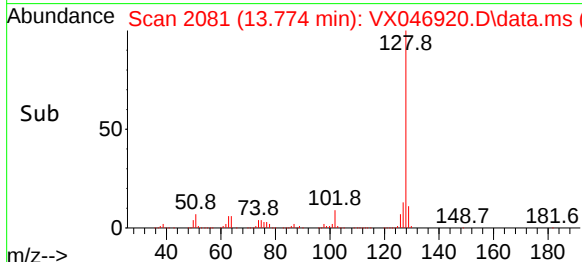
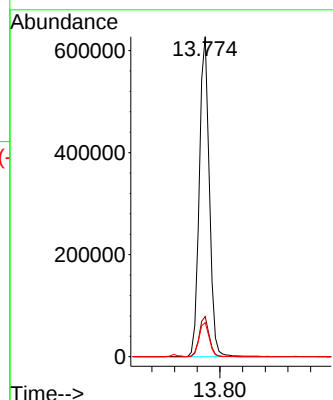
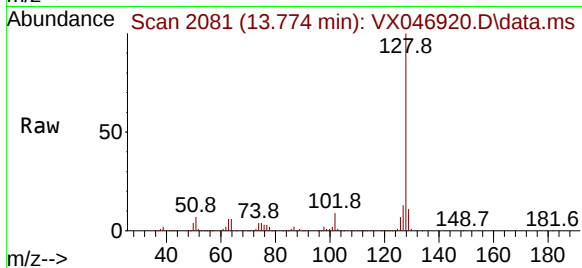
Tgt Ion:128 Resp: 768933

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 54.429 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX046920.D

Acq: 09 Jul 2025 09:44

Tgt Ion:180 Resp: 263937

Ion Ratio Lower Upper

180 100

182 94.1 46.7 140.1

145 33.7 16.8 50.3

