

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
 Data File : VX047557.D
 Acq On : 29 Aug 2025 09:48
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050

Quant Time: Aug 29 23:49:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:31:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	231227	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	396428	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	357667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	172889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	194441	54.759	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.520%	
35) Dibromofluoromethane	5.391	113	153923	56.572	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.140%	
50) Toluene-d8	8.647	98	536041	56.207	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 112.420%#	
62) 4-Bromofluorobenzene	11.079	95	201572	56.261	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	123364	48.718	ug/l	96
3) Chloromethane	1.313	50	127572	46.127	ug/l	96
4) Vinyl Chloride	1.392	62	153897	47.338	ug/l	97
5) Bromomethane	1.624	94	77197	54.899	ug/l	91
6) Chloroethane	1.703	64	95222	46.101	ug/l	98
7) Trichlorofluoromethane	1.904	101	230316	49.809	ug/l	100
8) Diethyl Ether	2.148	74	91778	50.024	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	141327	51.321	ug/l	99
10) Methyl Iodide	2.465	142	214422	47.037	ug/l	96
11) Tert butyl alcohol	2.953	59	78006	239.009	ug/l	98
12) 1,1-Dichloroethene	2.337	96	141581	48.485	ug/l	93
13) Acrolein	2.245	56	154666	236.400	ug/l	99
14) Allyl chloride	2.678	41	261574	48.897	ug/l	100
15) Acrylonitrile	3.075	53	360623	246.925	ug/l	98
16) Acetone	2.386	43	359654	255.748	ug/l	98
17) Carbon Disulfide	2.526	76	408839	47.085	ug/l	100
18) Methyl Acetate	2.709	43	173607	50.073	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	474106	49.742	ug/l	99
20) Methylene Chloride	2.800	84	163420	45.667	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	153630	49.439	ug/l	96
22) Diisopropyl ether	3.770	45	533161	49.486	ug/l	99
23) Vinyl Acetate	3.727	43	2226313	253.769	ug/l	100
24) 1,1-Dichloroethane	3.623	63	285989	47.771	ug/l	99
25) 2-Butanone	4.562	43	460677	248.919	ug/l	99
26) 2,2-Dichloropropane	4.483	77	215836	49.880	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	182172	48.116	ug/l	100
28) Bromochloromethane	4.903	49	130427	50.485	ug/l #	99
29) Tetrahydrofuran	5.013	42	268225	233.546	ug/l	99
30) Chloroform	5.099	83	290251	47.613	ug/l	98
31) Cyclohexane	5.477	56	245588	49.188	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	242650	48.855	ug/l	99
36) 1,1-Dichloropropene	5.696	75	194282	50.174	ug/l	99
37) Ethyl Acetate	4.714	43	194653	51.003	ug/l	99
38) Carbon Tetrachloride	5.684	117	211572	49.243	ug/l	98
39) Methylcyclohexane	7.385	83	232154	51.987	ug/l	96
40) Benzene	6.043	78	609815	49.330	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	95387	52.773	ug/l	98
42) 1,2-Dichloroethane	6.086	62	217317	48.833	ug/l	99
43) Isopropyl Acetate	6.342	43	317486	51.771	ug/l	100
44) Trichloroethene	7.129	130	151892	49.590	ug/l	94
45) 1,2-Dichloropropane	7.427	63	154293	49.552	ug/l	99
46) Dibromomethane	7.580	93	112744	49.185	ug/l	100
47) Bromodichloromethane	7.818	83	232332	49.561	ug/l	99
48) Methyl methacrylate	7.690	41	164965	52.293	ug/l	99
49) 1,4-Dioxane	7.677	88	38304	1227.440	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	902871	249.179	ug/l	100
52) Toluene	8.714	92	376945	50.035	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	221052	52.341	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	243305	51.993	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	145133	49.382	ug/l	96
56) Ethyl methacrylate	9.116	69	225818	51.905	ug/l	99
57) 1,3-Dichloropropane	9.305	76	250601	49.250	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	517951	253.113	ug/l	100
59) 2-Hexanone	9.427	43	627167	253.372	ug/l	100
60) Dibromochloromethane	9.518	129	175378	49.952	ug/l	100
61) 1,2-Dibromoethane	9.604	107	152944	51.137	ug/l	100
64) Tetrachloroethene	9.275	164	121569	50.735	ug/l	96
65) Chlorobenzene	10.073	112	410913	49.077	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	144009	50.721	ug/l	99
67) Ethyl Benzene	10.189	91	714010	50.748	ug/l	100
68) m/p-Xylenes	10.299	106	536975	102.755	ug/l	100
69) o-Xylene	10.640	106	260055	51.659	ug/l	100
70) Styrene	10.652	104	455098	52.101	ug/l	100
71) Bromoform	10.799	173	112896	52.220	ug/l	98
73) Isopropylbenzene	10.957	105	666173	52.364	ug/l	99
74) N-amyl acetate	10.841	43	275917	52.520	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	201828	50.187	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	195861	63.475	ug/l	89
77) Bromobenzene	11.195	156	166143	51.050	ug/l	97
78) n-propylbenzene	11.299	91	792211	52.303	ug/l	100
79) 2-Chlorotoluene	11.360	91	478871	50.980	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	553687	53.229	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	38064	48.119	ug/l	97
82) 4-Chlorotoluene	11.451	91	566077	51.360	ug/l	100
83) tert-Butylbenzene	11.713	119	548554	52.314	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	560631	52.875	ug/l	99
85) sec-Butylbenzene	11.890	105	670510	53.143	ug/l	99
86) p-Isopropyltoluene	12.006	119	558964	52.851	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	310949	51.247	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	312093	49.817	ug/l	100
89) n-Butylbenzene	12.329	91	517564	53.021	ug/l	100
90) Hexachloroethane	12.536	117	101804	52.365	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	293456	49.356	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37329	50.323	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	186577	51.479	ug/l	99
94) Hexachlorobutadiene	13.725	225	63491	50.401	ug/l	98
95) Naphthalene	13.774	128	562357	53.081	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	177906	52.258	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

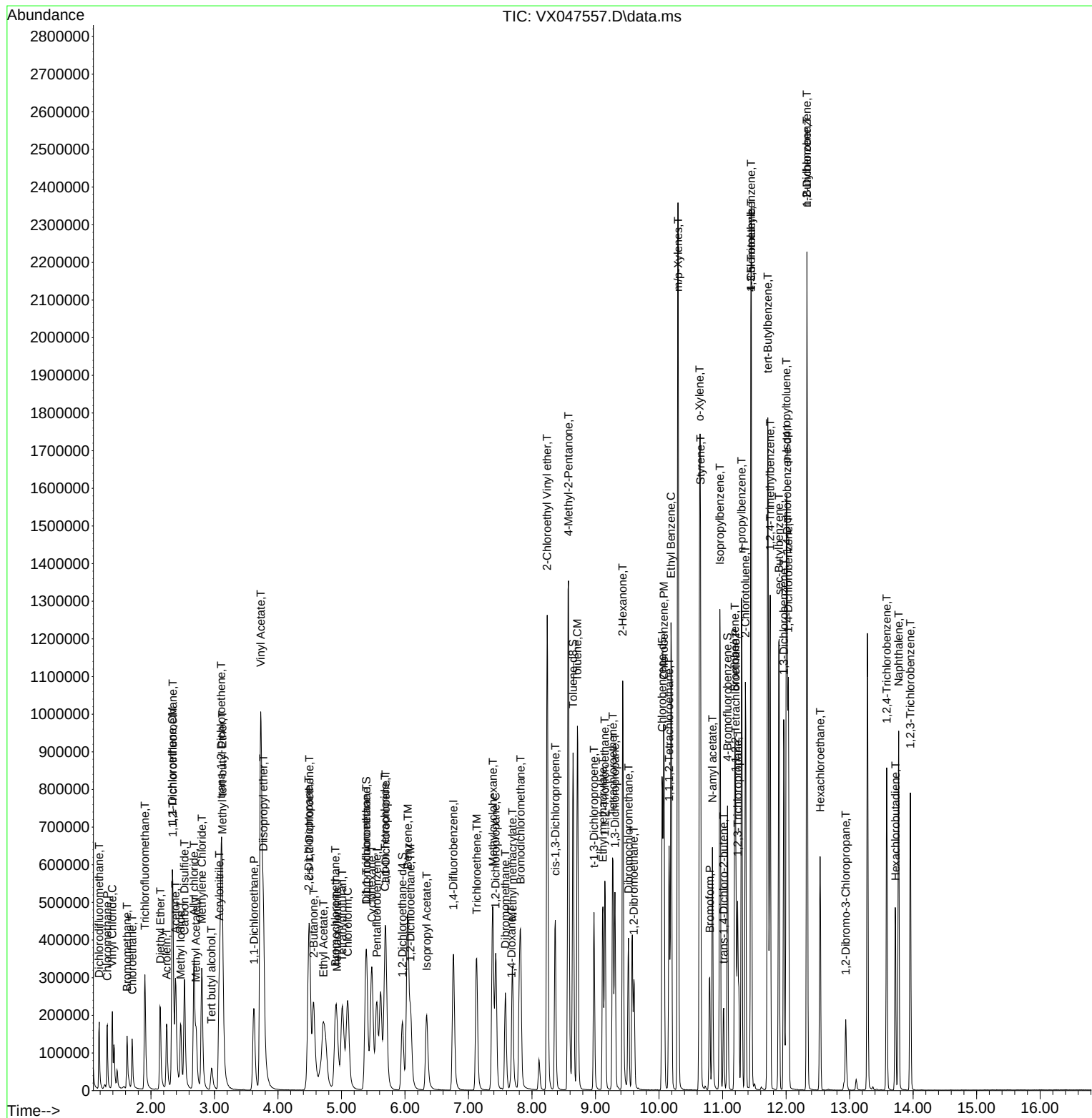
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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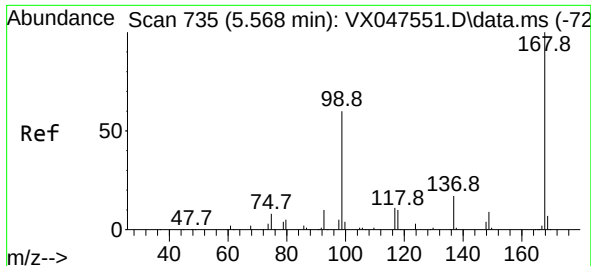
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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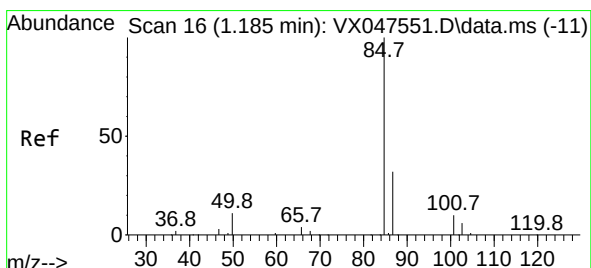
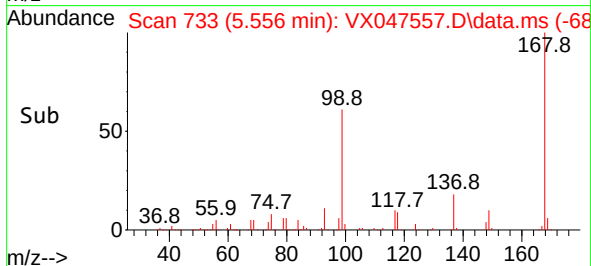
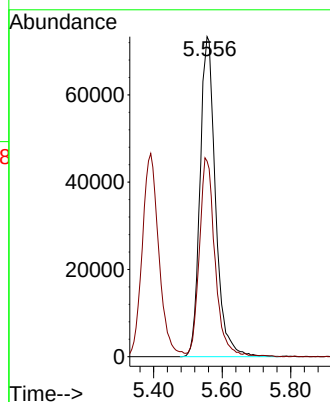
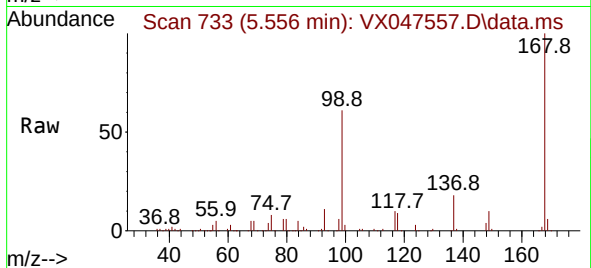




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX047557.D
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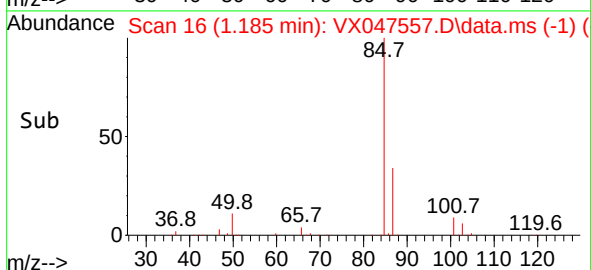
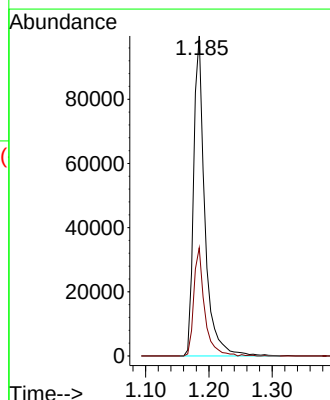
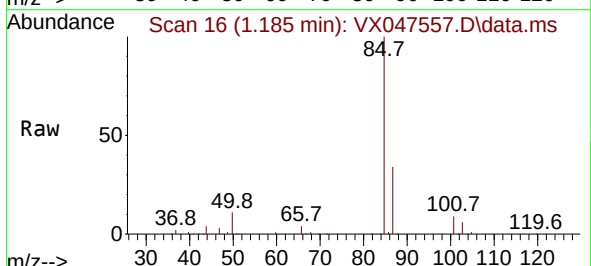
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

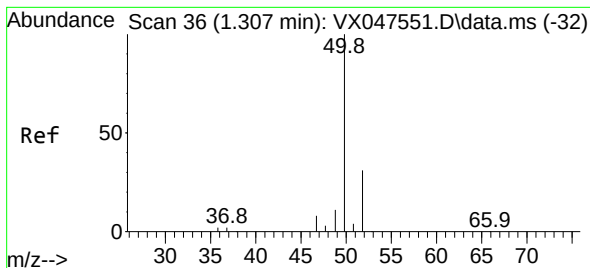
Tgt Ion:168 Resp: 231227
Ion Ratio Lower Upper
168 100
99 61.0 48.9 73.3



#2
Dichlorodifluoromethane
Concen: 48.718 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Tgt Ion: 85 Resp: 123364
Ion Ratio Lower Upper
85 100
87 33.8 15.9 47.7





#3

Chloromethane

Concen: 46.127 ug/l

RT: 1.313 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX047557.D

Acq: 29 Aug 2025 09:48

Instrument :

MSVOA_X

ClientSampleId :

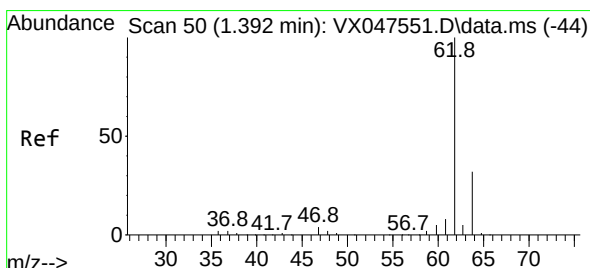
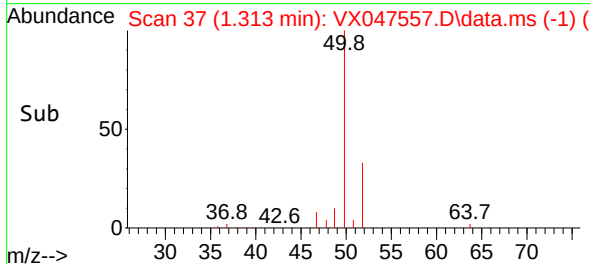
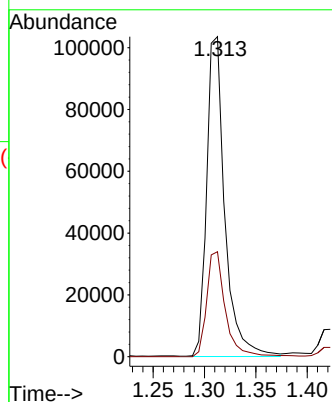
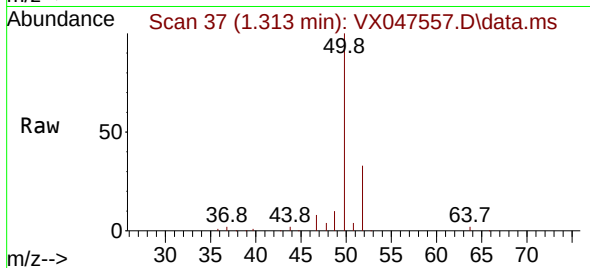
VSTDCCC050

Tgt Ion: 50 Resp: 127572

Ion Ratio Lower Upper

50 100

52 32.8 24.6 37.0



#4

Vinyl Chloride

Concen: 47.338 ug/l

RT: 1.392 min Scan# 50

Delta R.T. -0.000 min

Lab File: VX047557.D

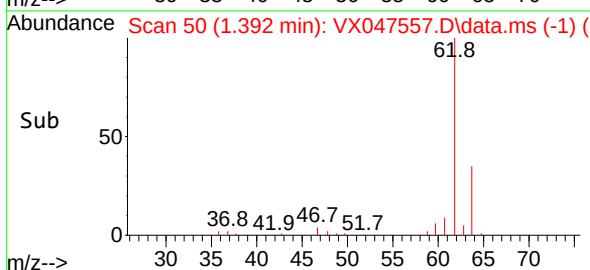
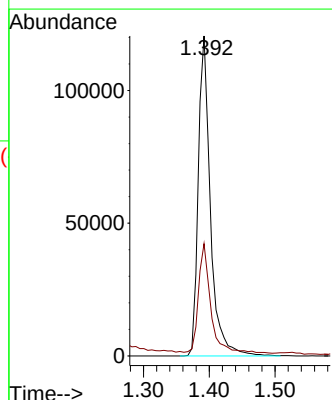
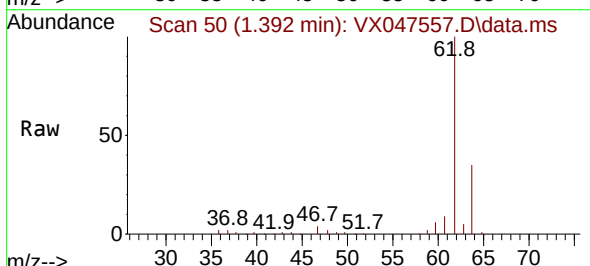
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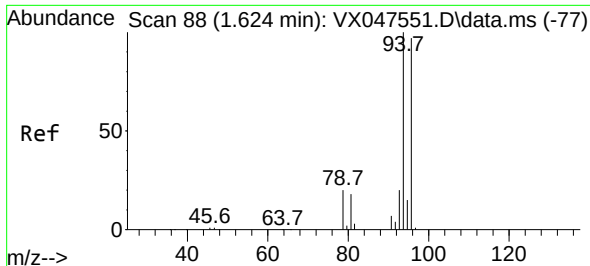
Tgt Ion: 62 Resp: 153897

Ion Ratio Lower Upper

62 100

64 34.1 25.9 38.9

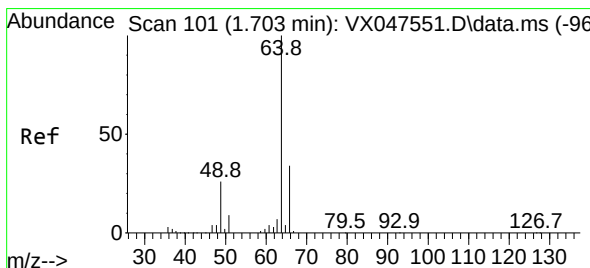
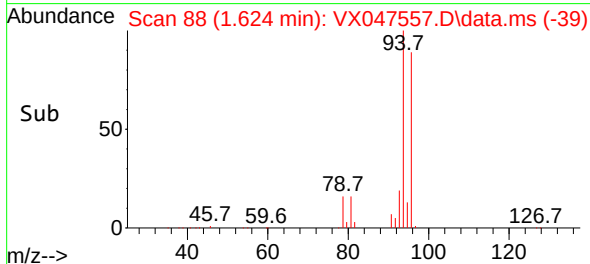
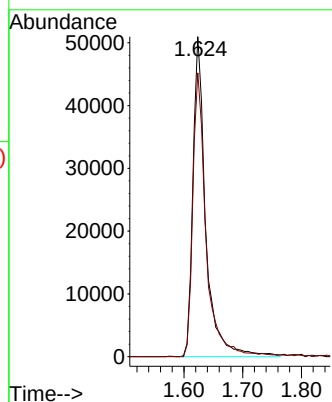
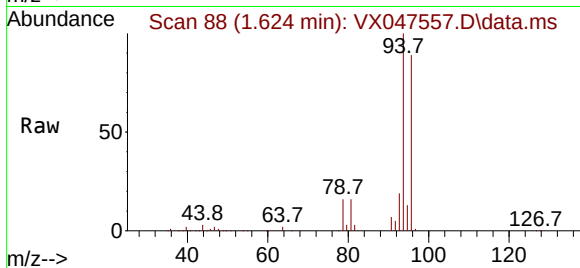




#5
 Bromomethane
 Concen: 54.899 ug/l
 RT: 1.624 min Scan# 88
 Delta R.T. -0.000 min
 Lab File: VX047557.D
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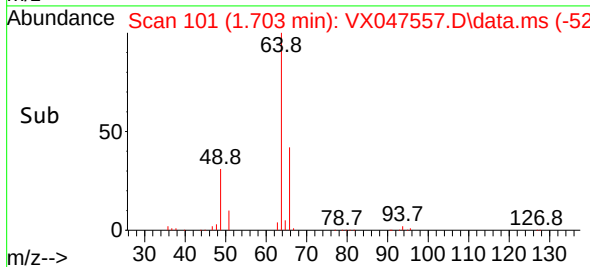
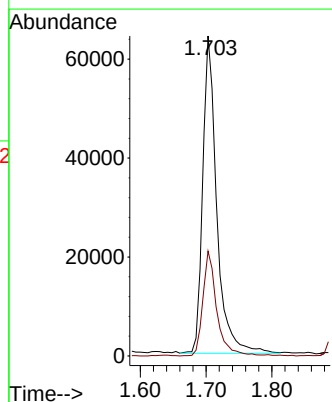
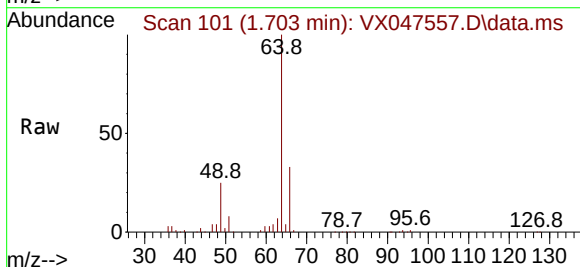
Instrument :
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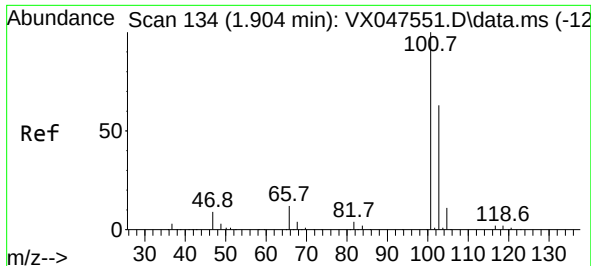
Tgt Ion: 94 Resp: 77197
 Ion Ratio Lower Upper
 94 100
 96 88.7 77.7 116.5



#6
 Chloroethane
 Concen: 46.101 ug/l
 RT: 1.703 min Scan# 101
 Delta R.T. -0.000 min
 Lab File: VX047557.D
 Acq: 29 Aug 2025 09:48

Tgt Ion: 64 Resp: 95222
 Ion Ratio Lower Upper
 64 100
 66 33.0 27.4 41.2

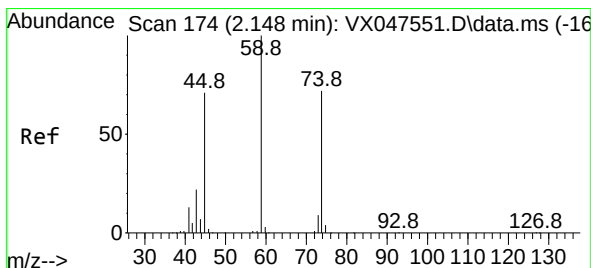
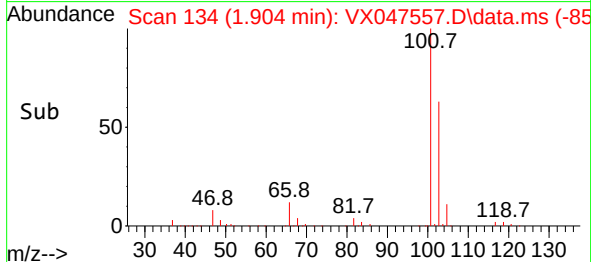
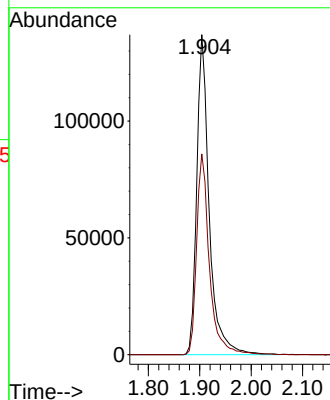
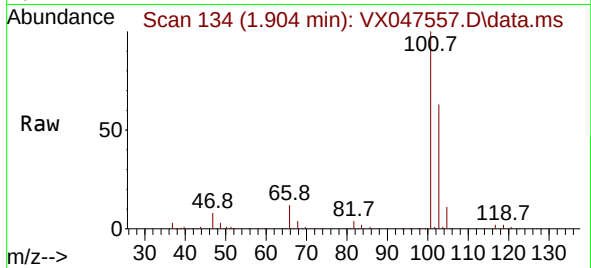




#7
 Trichlorofluoromethane
 Concen: 49.809 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047557.D
 Acq: 29 Aug 2025 09:48

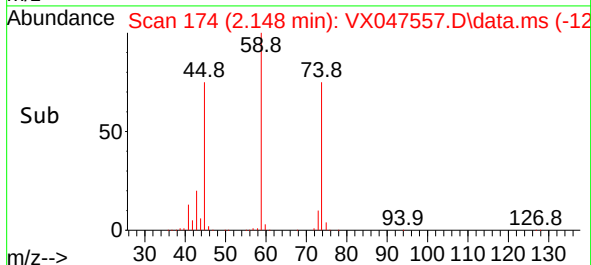
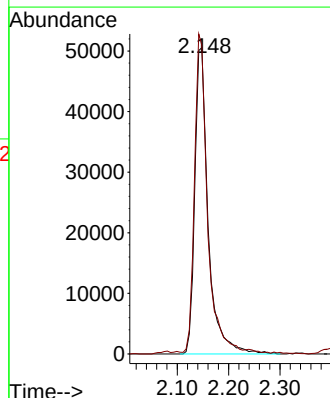
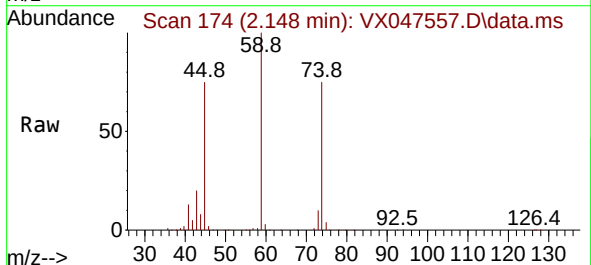
Instrument :
 MSVOA_X
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 VSTDCCC050

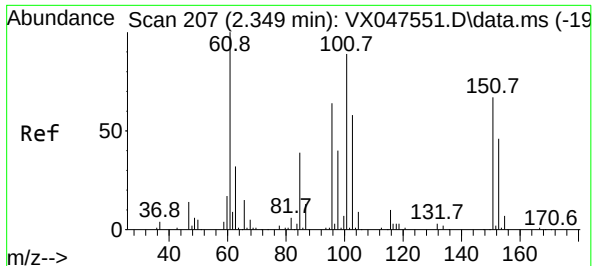
Tgt Ion:101 Resp: 230316
 Ion Ratio Lower Upper
 101 100
 103 62.8 50.1 75.1



#8
 Diethyl Ether
 Concen: 50.024 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. -0.000 min
 Lab File: VX047557.D
 Acq: 29 Aug 2025 09:48

Tgt Ion: 74 Resp: 91778
 Ion Ratio Lower Upper
 74 100
 45 101.6 49.0 147.0

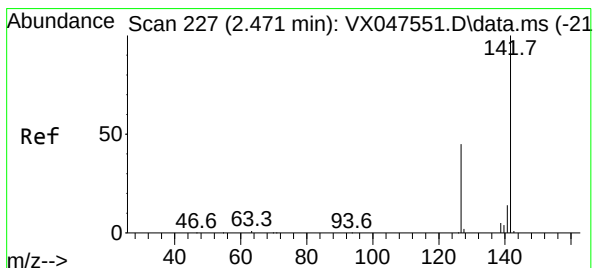
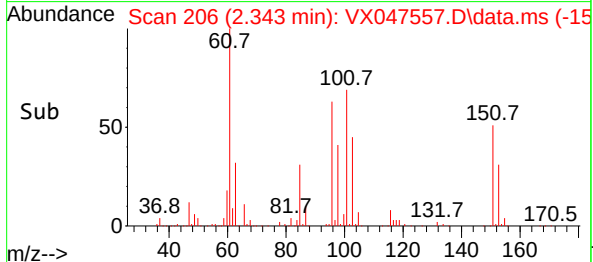
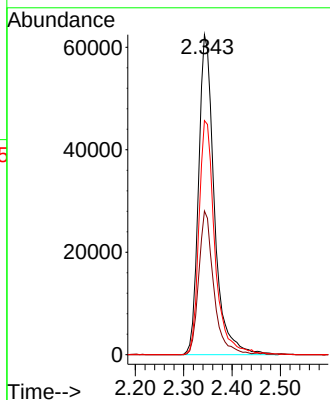
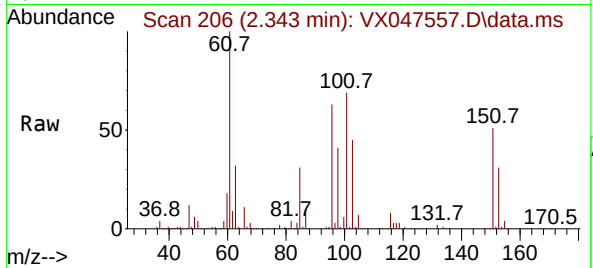




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.321 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

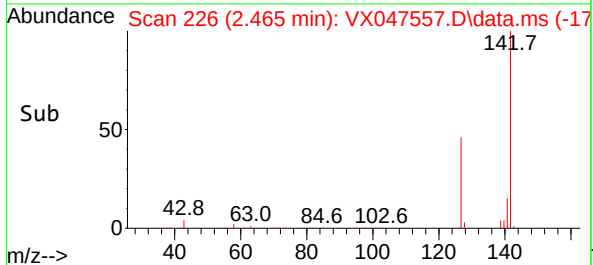
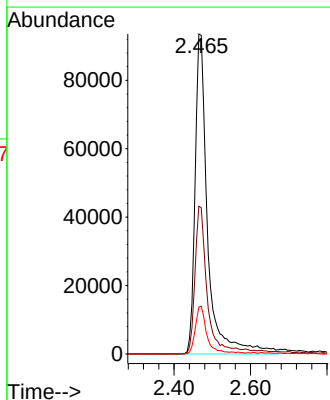
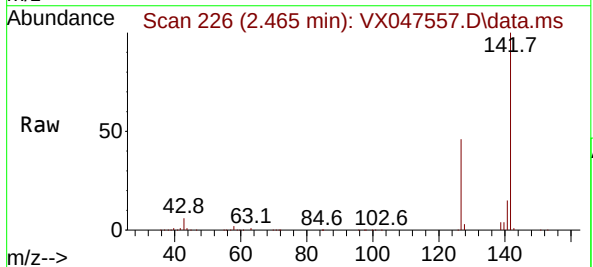
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

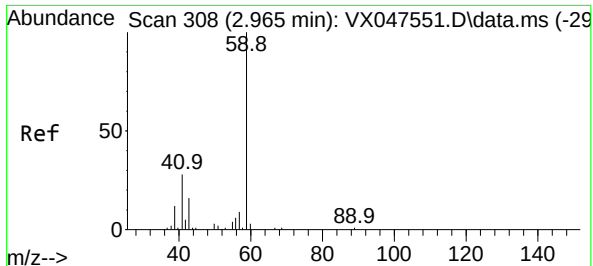
Tgt Ion:101 Resp: 141327
Ion Ratio Lower Upper
101 100
85 42.9 35.1 52.7
151 74.3 58.6 88.0



#10
Methyl Iodide
Concen: 47.037 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Tgt Ion:142 Resp: 214422
Ion Ratio Lower Upper
142 100
127 44.0 37.6 56.4
141 13.9 10.6 16.0





#11

Tert butyl alcohol

Concen: 239.009 ug/l

RT: 2.953 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX047557.D

Acq: 29 Aug 2025 09:48

Instrument :

MSVOA_X

ClientSampleId :

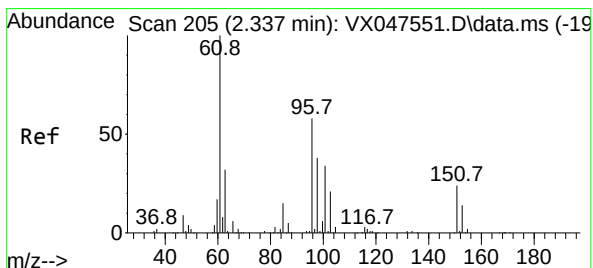
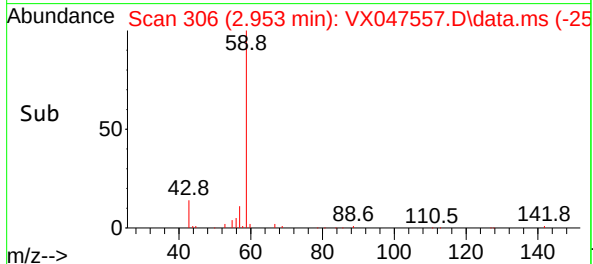
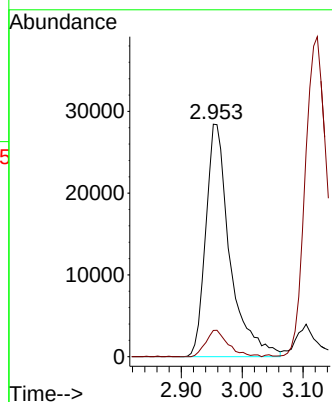
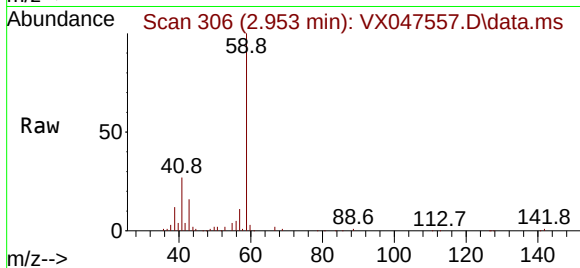
VSTDCCC050

Tgt Ion: 59 Resp: 78006

Ion Ratio Lower Upper

59 100

57 10.6 7.9 11.9



#12

1,1-Dichloroethene

Concen: 48.485 ug/l

RT: 2.337 min Scan# 205

Delta R.T. -0.000 min

Lab File: VX047557.D

Acq: 29 Aug 2025 09:48

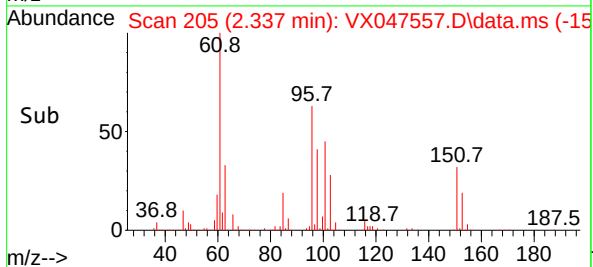
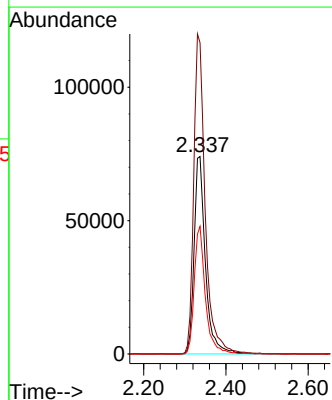
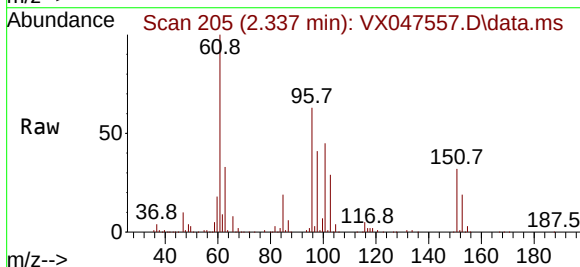
Tgt Ion: 96 Resp: 141581

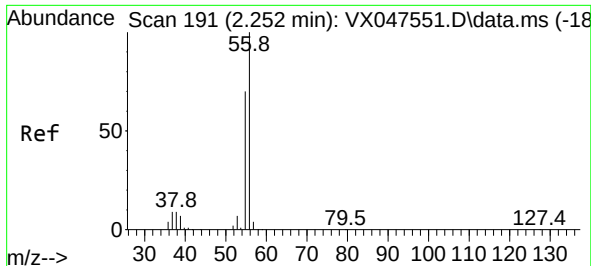
Ion Ratio Lower Upper

96 100

61 157.6 136.8 205.2

98 64.6 52.4 78.6

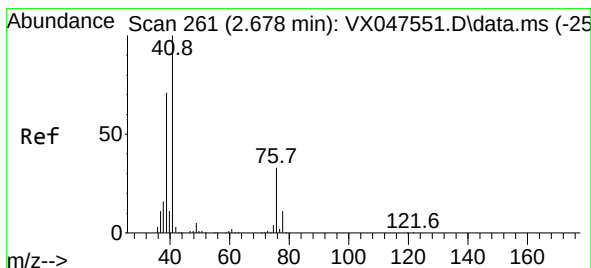
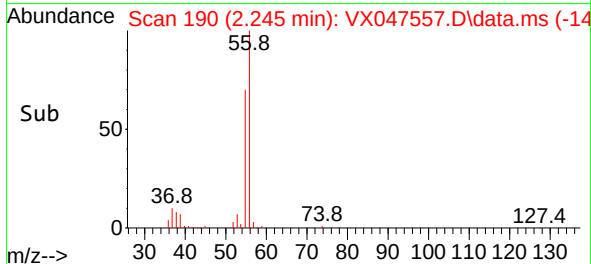
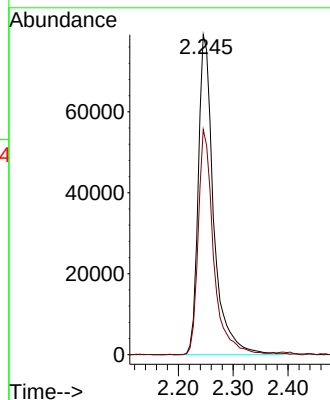
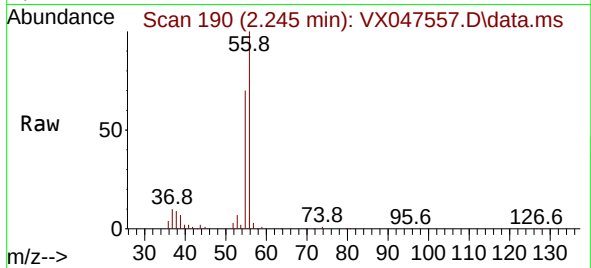




#13
Acrolein
Concen: 236.400 ug/l
RT: 2.245 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

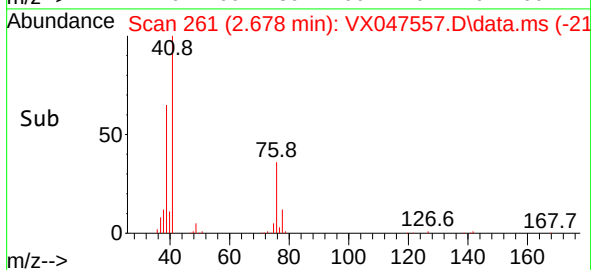
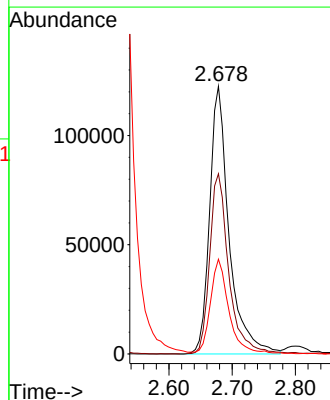
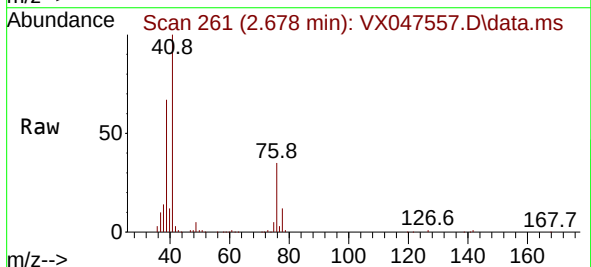
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

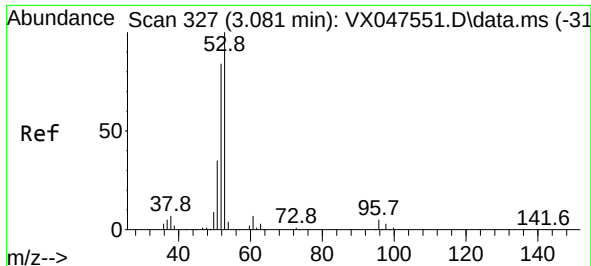
Tgt Ion: 56 Resp: 154666
Ion Ratio Lower Upper
56 100
55 70.4 57.0 85.6



#14
Allyl chloride
Concen: 48.897 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Tgt Ion: 41 Resp: 261574
Ion Ratio Lower Upper
41 100
39 66.2 53.2 79.8
76 33.5 26.8 40.2

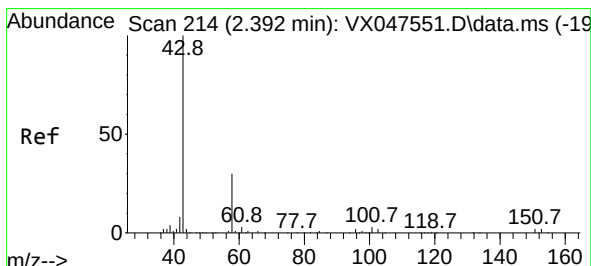
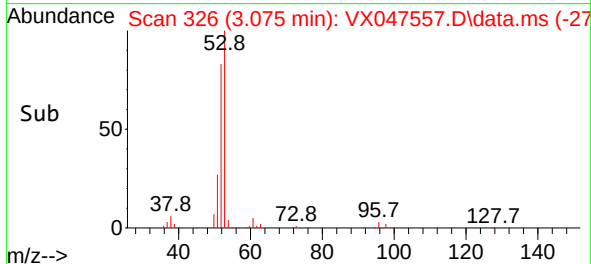
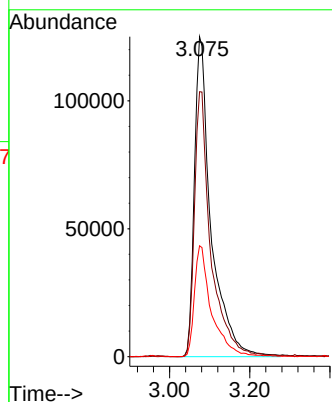
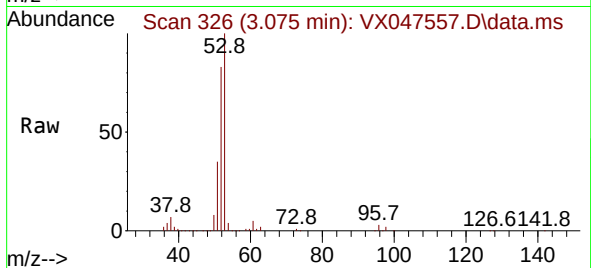




#15
Acrylonitrile
Concen: 246.925 ug/l
RT: 3.075 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

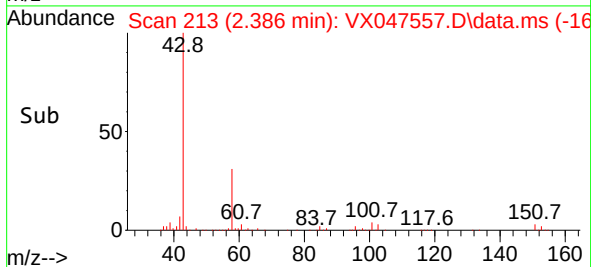
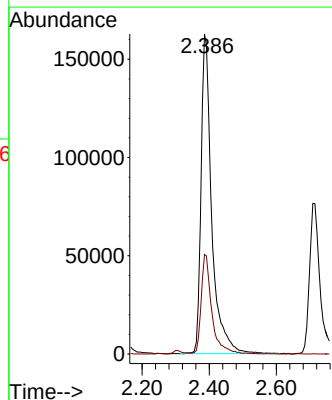
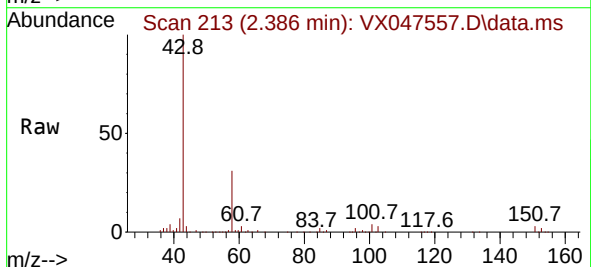
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

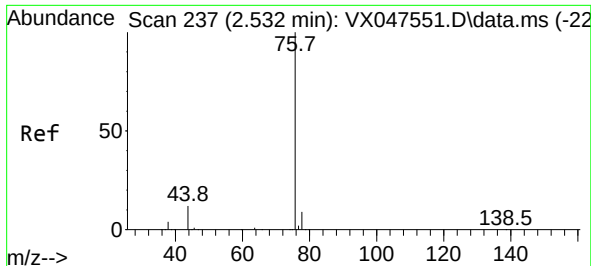
Tgt Ion: 53 Resp: 360623
Ion Ratio Lower Upper
53 100
52 80.7 66.2 99.4
51 35.8 29.4 44.0



#16
Acetone
Concen: 255.748 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Tgt Ion: 43 Resp: 359654
Ion Ratio Lower Upper
43 100
58 31.1 24.2 36.2

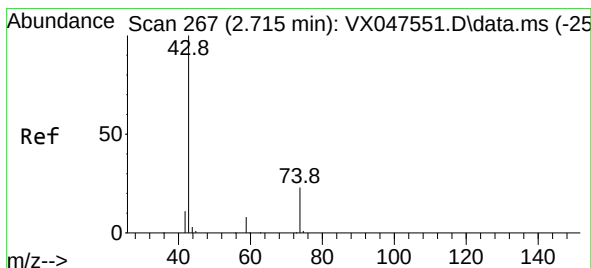
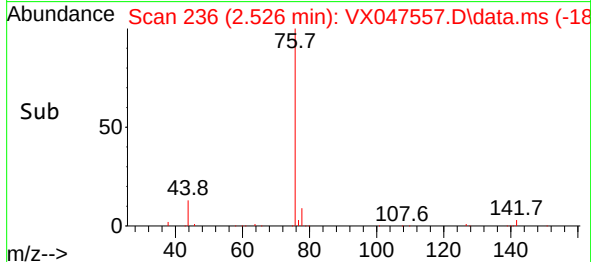
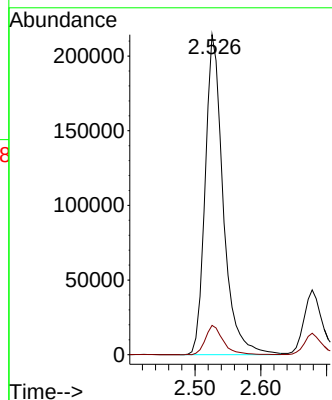
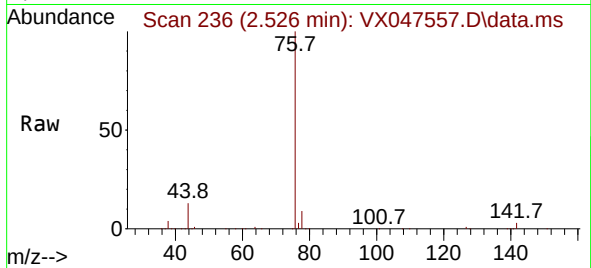




#17
Carbon Disulfide
Concen: 47.085 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

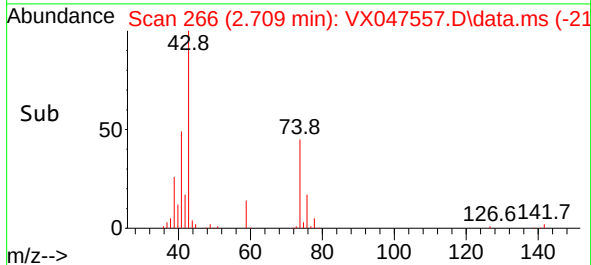
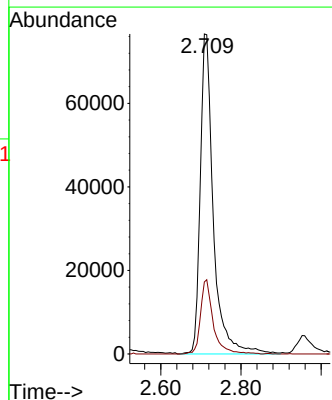
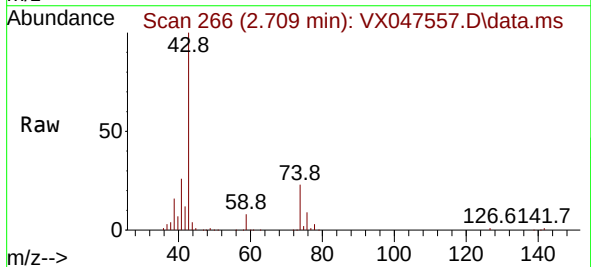
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

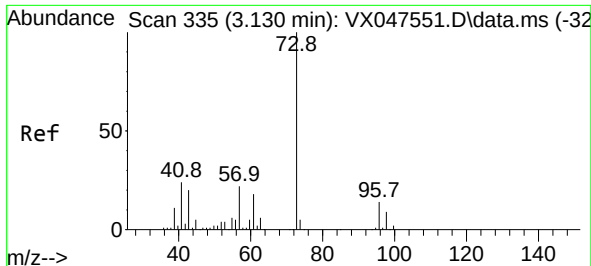
Tgt Ion: 76 Resp: 408839
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 50.073 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Tgt Ion: 43 Resp: 173607
Ion Ratio Lower Upper
43 100
74 22.5 17.8 26.8

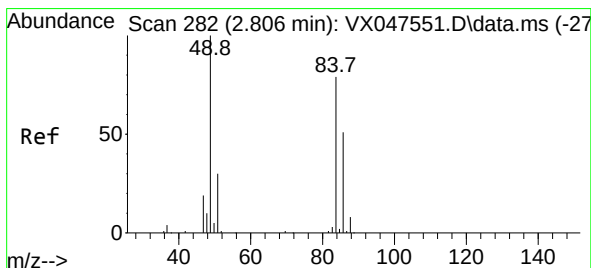
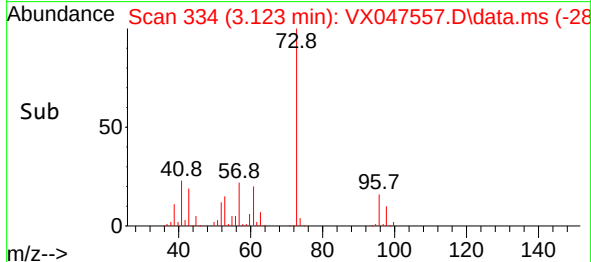
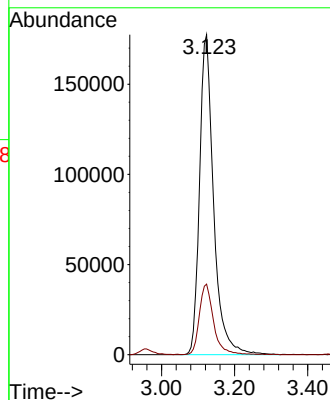
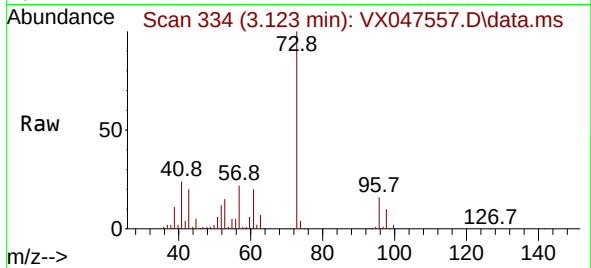




#19
Methyl tert-butyl Ether
Concen: 49.742 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

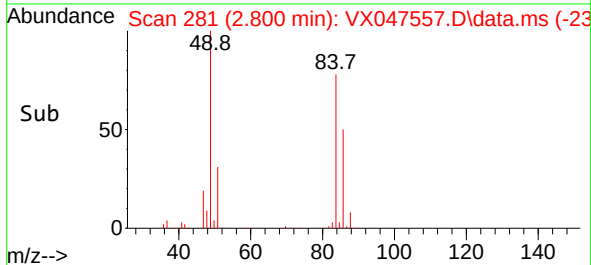
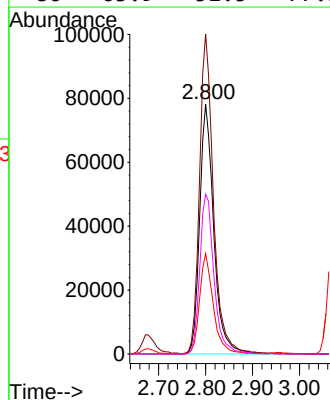
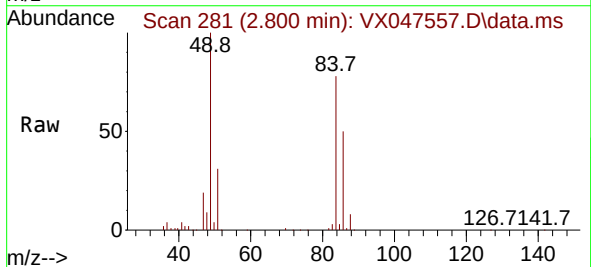
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

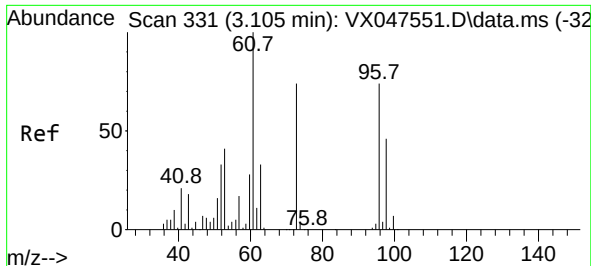
Tgt Ion: 73 Resp: 474106
Ion Ratio Lower Upper
73 100
57 22.1 17.4 26.2



#20
Methylene Chloride
Concen: 45.667 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Tgt Ion: 84 Resp: 163420
Ion Ratio Lower Upper
84 100
49 127.8 101.4 152.2
51 40.2 30.6 46.0
86 63.9 51.5 77.3

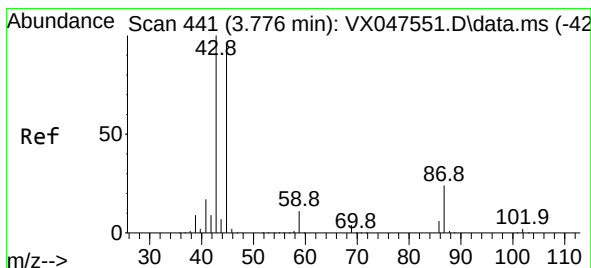
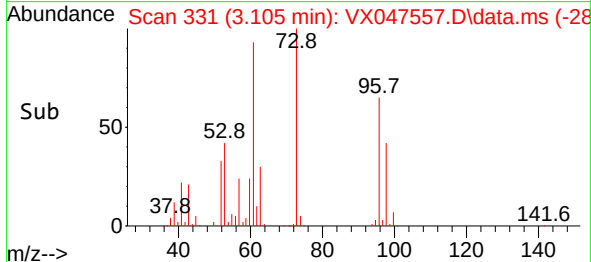
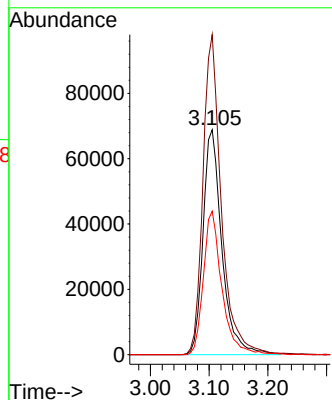
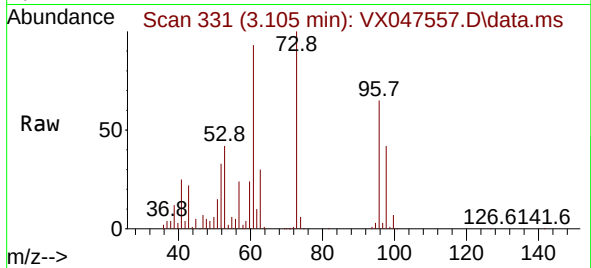




#21
trans-1,2-Dichloroethene
Concen: 49.439 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

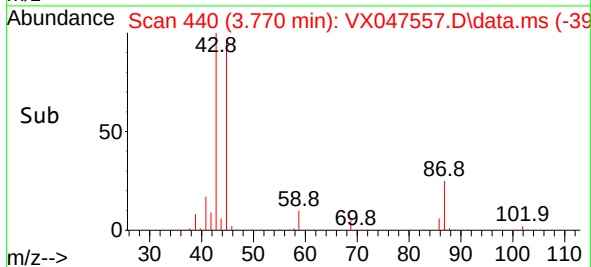
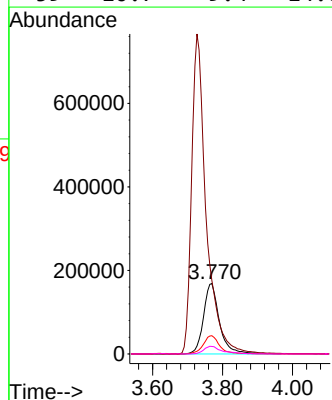
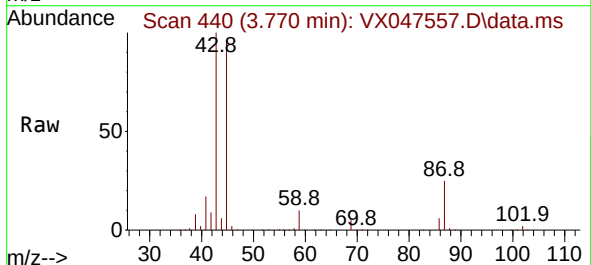
Instrument :
MSVOA_X
ClientSampleId :
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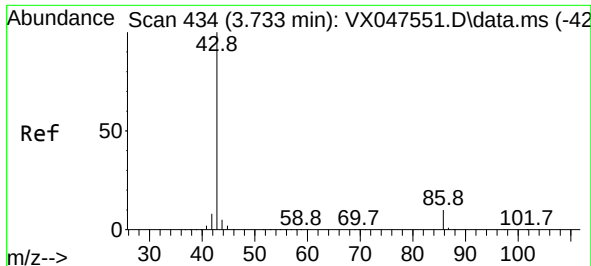
Tgt Ion: 96 Resp: 153630
Ion Ratio Lower Upper
96 100
61 142.2 108.0 162.0
98 63.8 51.6 77.4



#22
Diisopropyl ether
Concen: 49.486 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Tgt Ion: 45 Resp: 533161
Ion Ratio Lower Upper
45 100
43 104.3 83.2 124.8
87 25.8 20.2 30.4
59 10.7 9.4 14.0

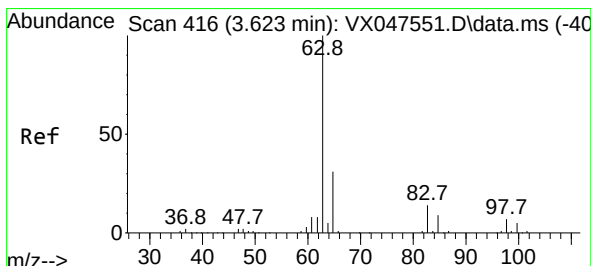
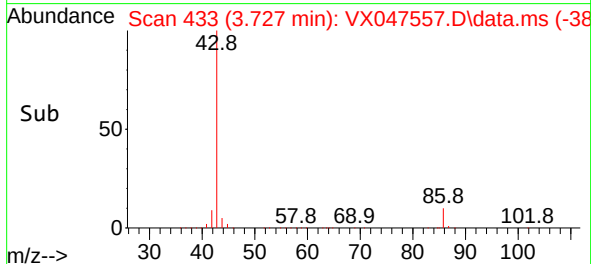
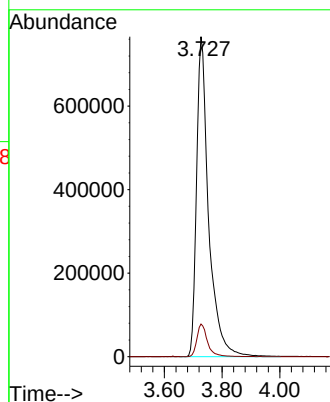
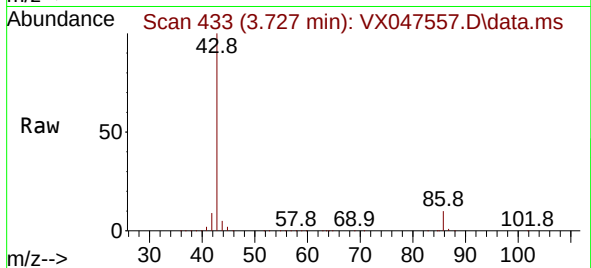




#23
Vinyl Acetate
Concen: 253.769 ug/l
RT: 3.727 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

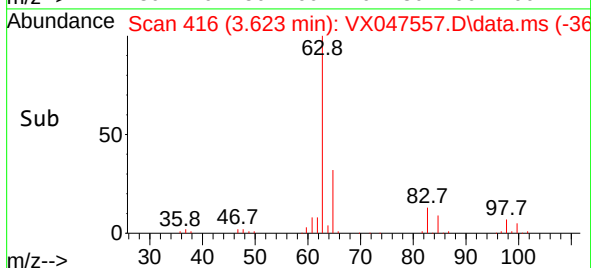
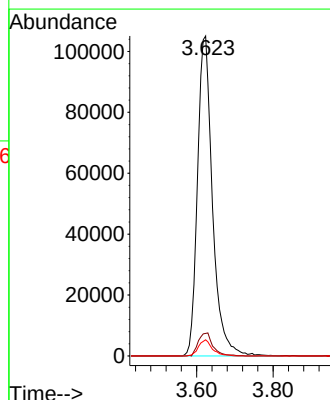
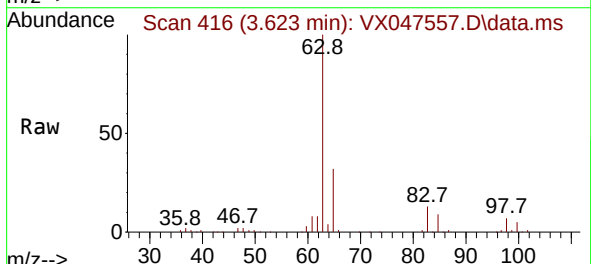
Instrument :
MSVOA_X
ClientSampleId :
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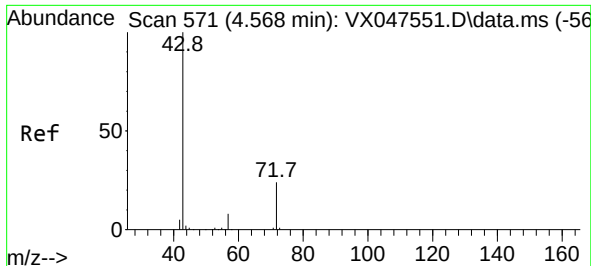
Tgt Ion: 43 Resp: 2226313
Ion Ratio Lower Upper
43 100
86 10.2 8.1 12.1



#24
1,1-Dichloroethane
Concen: 47.771 ug/l
RT: 3.623 min Scan# 416
Delta R.T. -0.000 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Tgt Ion: 63 Resp: 285989
Ion Ratio Lower Upper
63 100
98 7.1 3.8 11.2
100 5.2 2.6 7.8

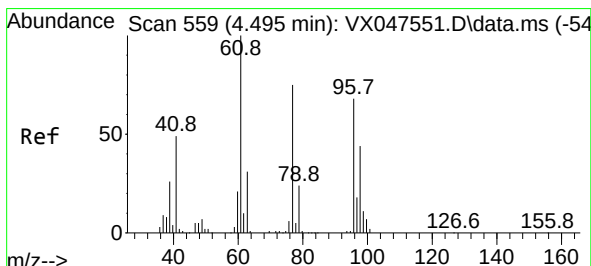
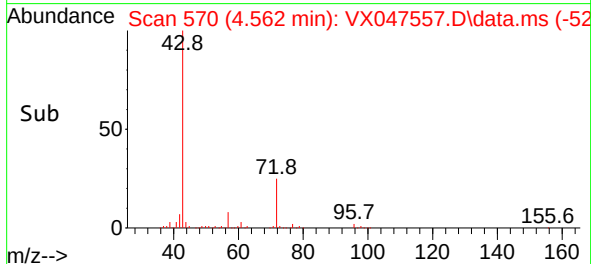
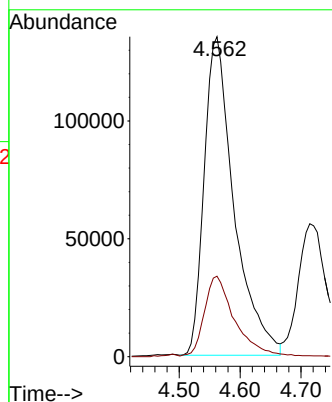
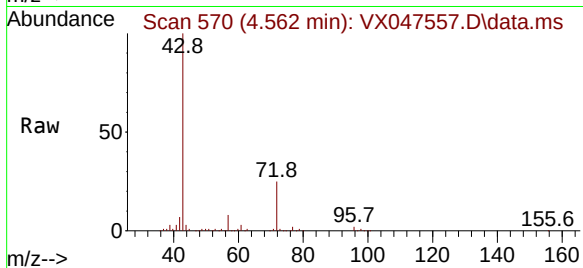




#25
2-Butanone
Concen: 248.919 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

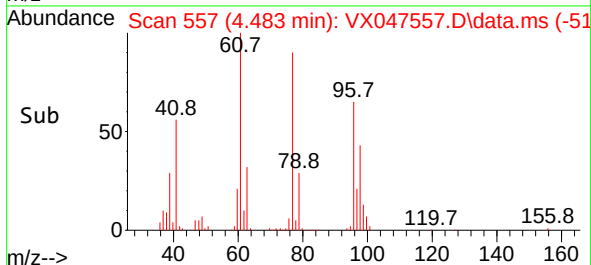
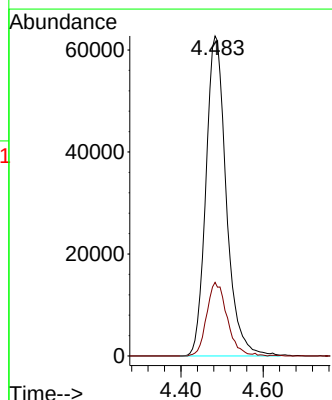
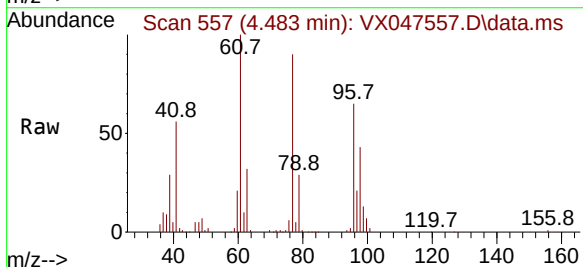
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

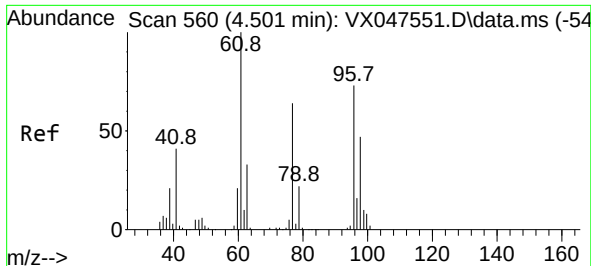
Tgt Ion: 43 Resp: 460677
Ion Ratio Lower Upper
43 100
72 25.1 19.5 29.3



#26
2,2-Dichloropropane
Concen: 49.880 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Tgt Ion: 77 Resp: 215836
Ion Ratio Lower Upper
77 100
97 23.1 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 48.116 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047557.D

Acq: 29 Aug 2025 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

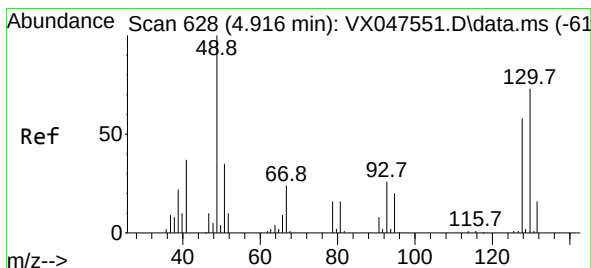
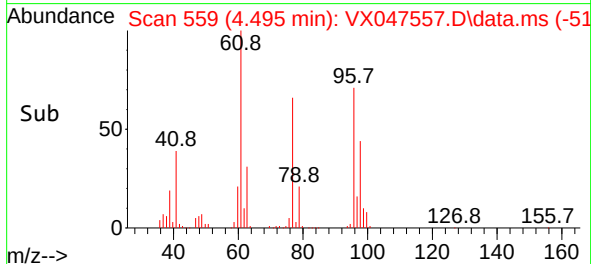
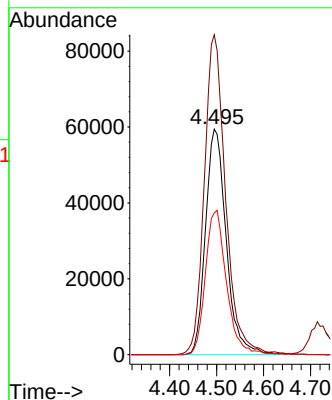
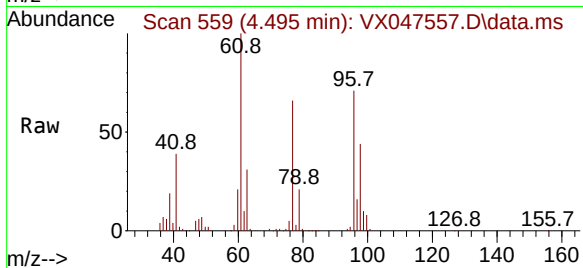
Tgt Ion: 96 Resp: 182172

Ion Ratio Lower Upper

96 100

61 144.6 0.0 289.4

98 65.0 0.0 129.2



#28

Bromochloromethane

Concen: 50.485 ug/l

RT: 4.903 min Scan# 626

Delta R.T. -0.012 min

Lab File: VX047557.D

Acq: 29 Aug 2025 09:48

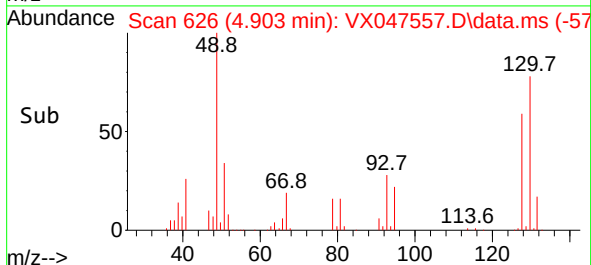
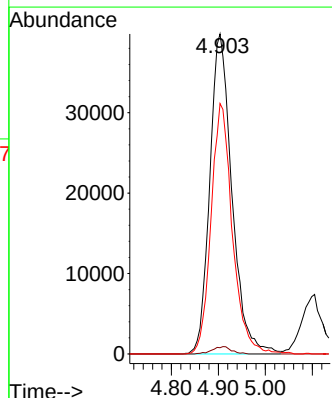
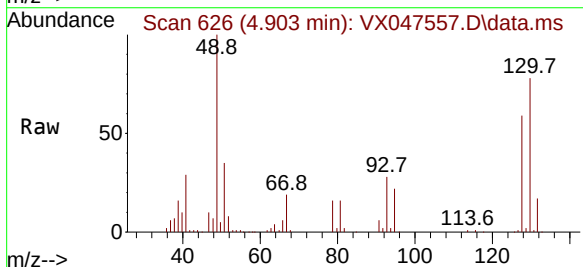
Tgt Ion: 49 Resp: 130427

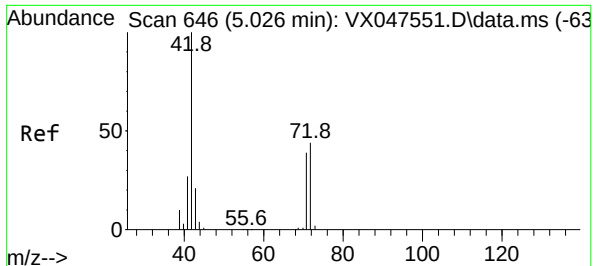
Ion Ratio Lower Upper

49 100

129 2.0 0.0 1.8#

130 75.3 59.8 89.6





#29

Tetrahydrofuran

Concen: 233.546 ug/l

RT: 5.013 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX047557.D

Acq: 29 Aug 2025 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

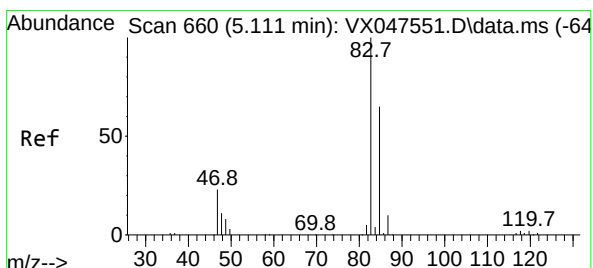
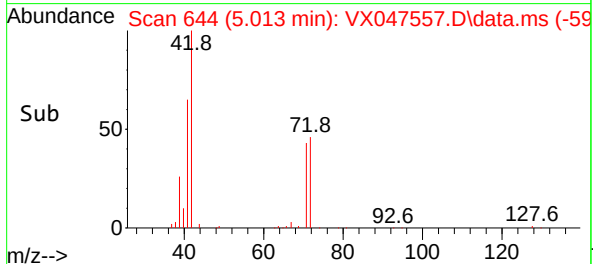
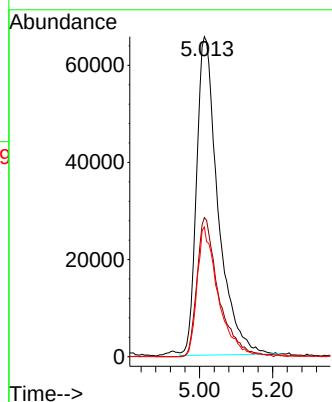
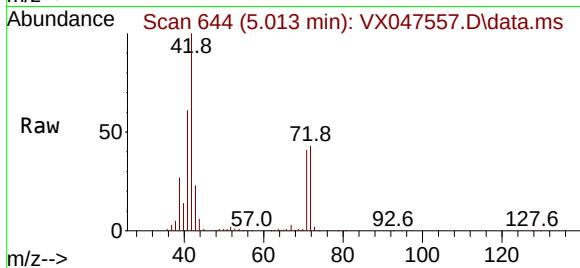
Tgt Ion: 42 Resp: 268225

Ion Ratio Lower Upper

42 100

72 44.0 34.5 51.7

71 40.0 31.7 47.5



#30

Chloroform

Concen: 47.613 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.012 min

Lab File: VX047557.D

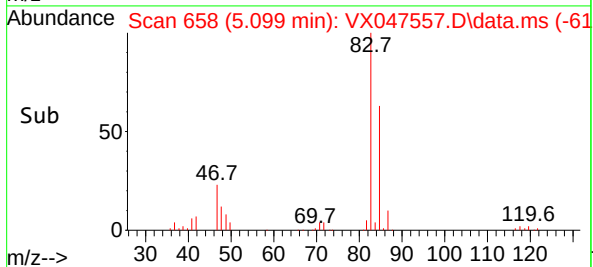
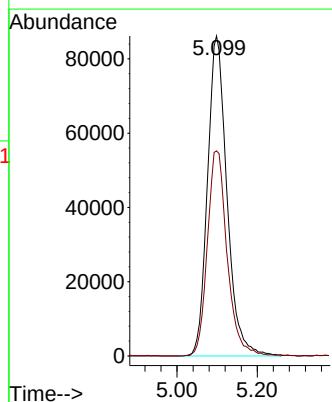
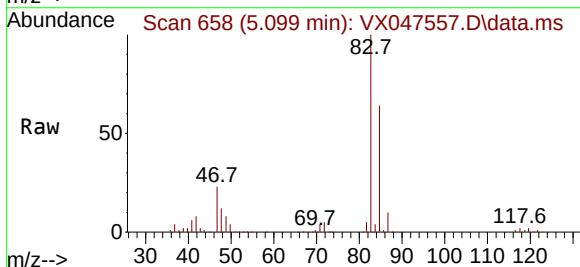
Acq: 29 Aug 2025 09:48

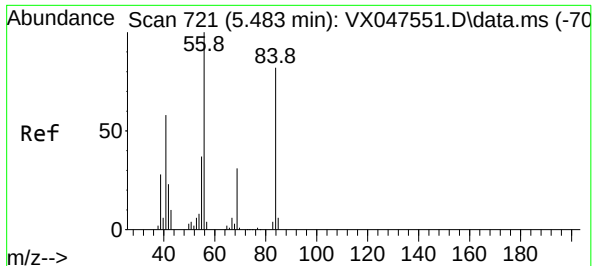
Tgt Ion: 83 Resp: 290251

Ion Ratio Lower Upper

83 100

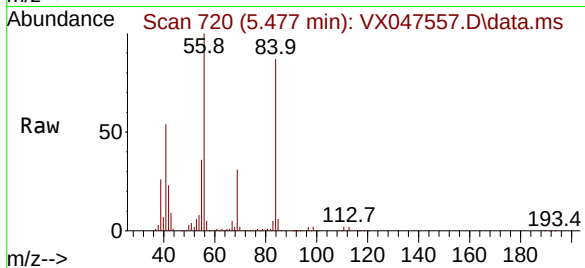
85 64.1 52.3 78.5





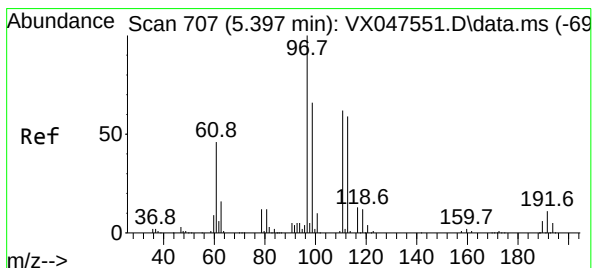
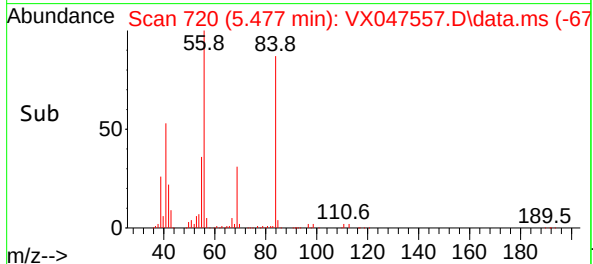
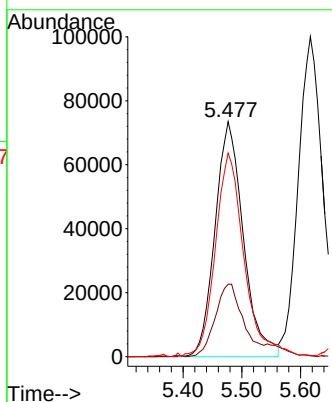
#31
Cyclohexane
Concen: 49.188 ug/l
RT: 5.477 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 245588

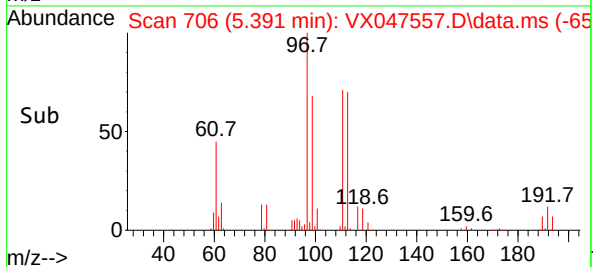
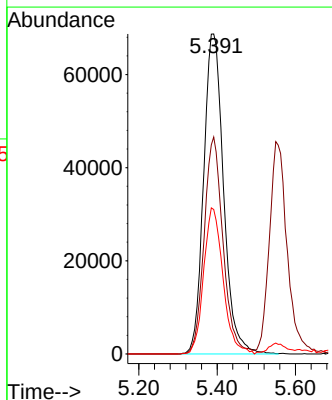
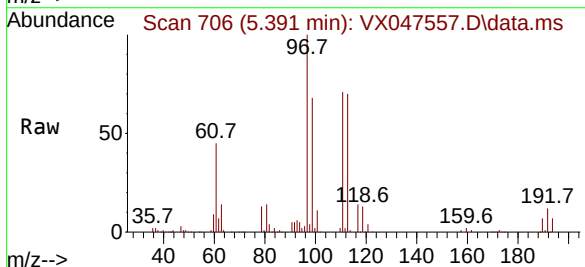
Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.2	36.2
84	85.1	65.5	98.3

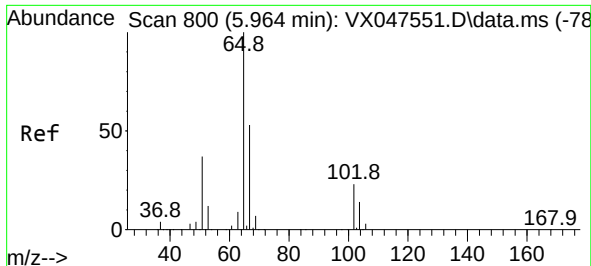


#32
1,1,1-Trichloroethane
Concen: 48.855 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Tgt Ion: 97 Resp: 242650

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.5	77.3
61	44.3	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 54.759 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047557.D

Acq: 29 Aug 2025 09:48

Instrument :

MSVOA_X

ClientSampleId :

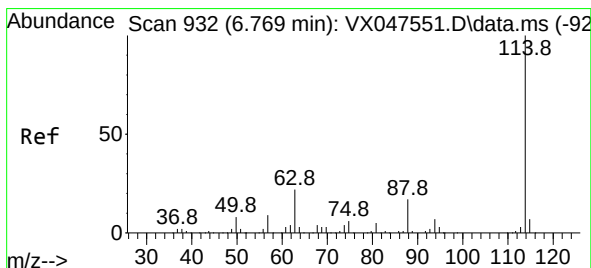
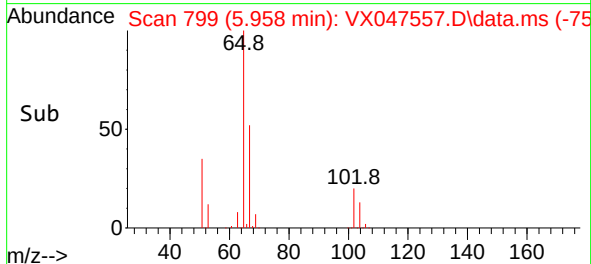
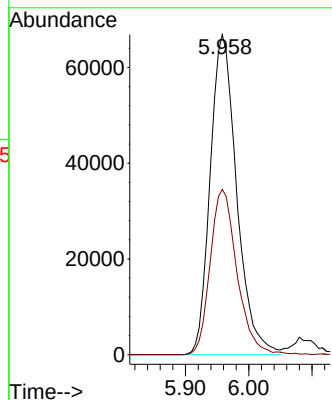
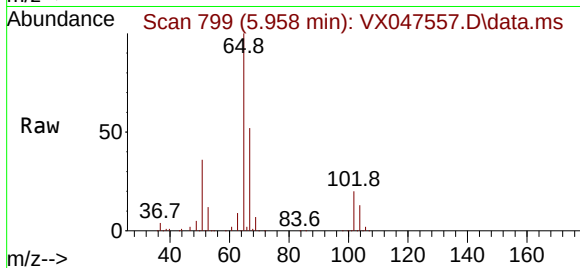
VSTDCCC050

Tgt Ion: 65 Resp: 194441

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047557.D

Acq: 29 Aug 2025 09:48

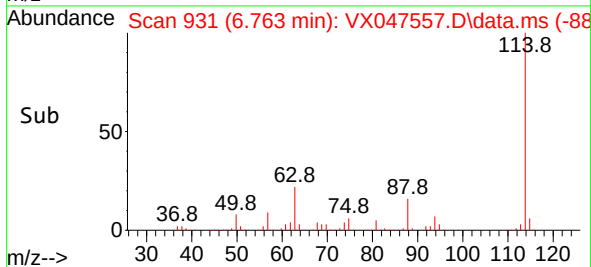
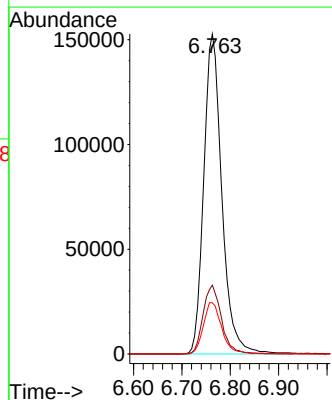
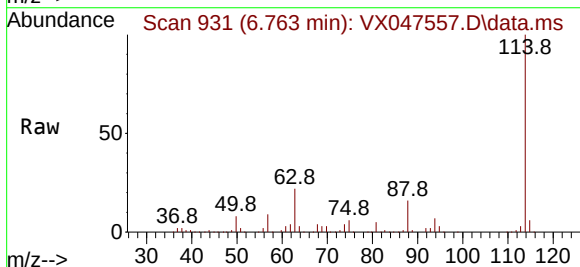
Tgt Ion: 114 Resp: 396428

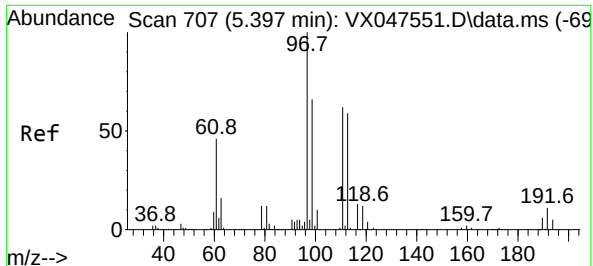
Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.6

88 16.0 0.0 33.2

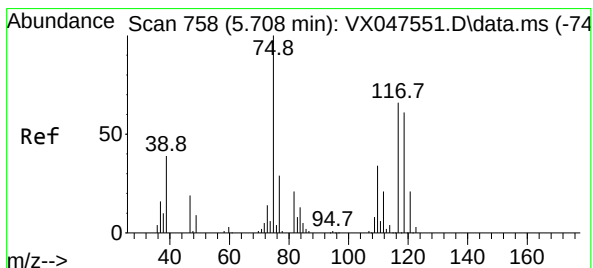
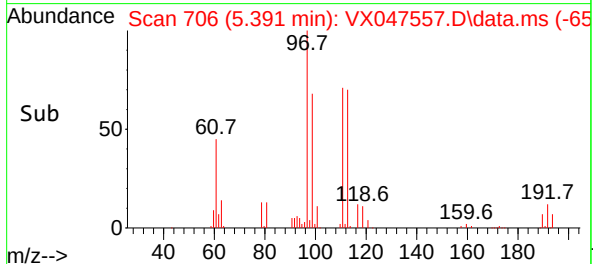
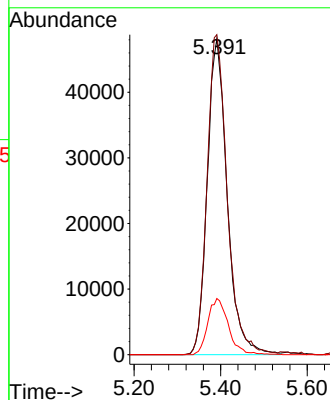
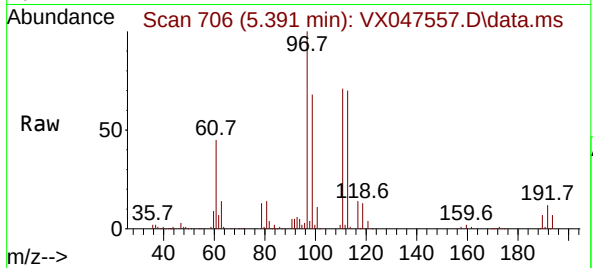




#35
Dibromofluoromethane
Concen: 56.572 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

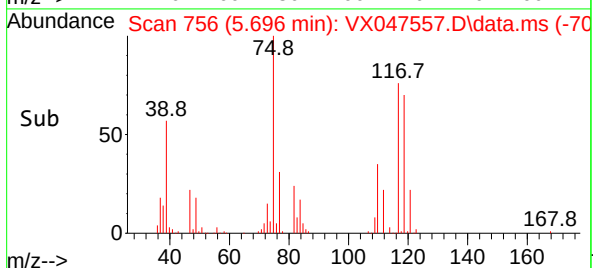
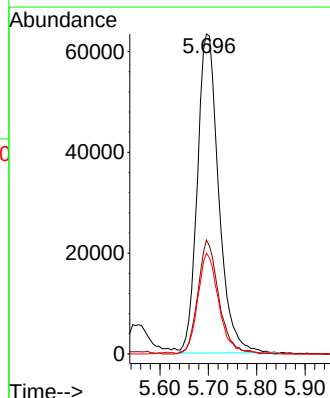
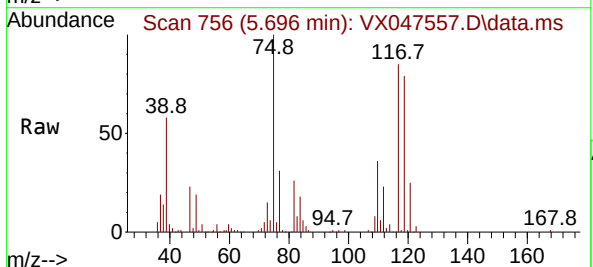
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

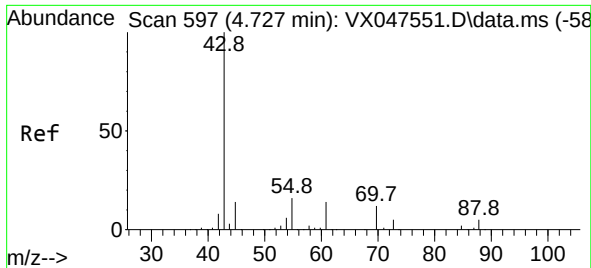
Tgt Ion:113 Resp: 153923
Ion Ratio Lower Upper
113 100
111 102.5 81.2 121.8
192 18.4 14.2 21.4



#36
1,1-Dichloropropene
Concen: 50.174 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.012 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Tgt Ion: 75 Resp: 194282
Ion Ratio Lower Upper
75 100
110 34.9 17.1 51.3
77 31.2 25.0 37.6





#37

Ethyl Acetate

Concen: 51.003 ug/l

RT: 4.714 min Scan# 597

Delta R.T. -0.012 min

Lab File: VX047557.D

Acq: 29 Aug 2025 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

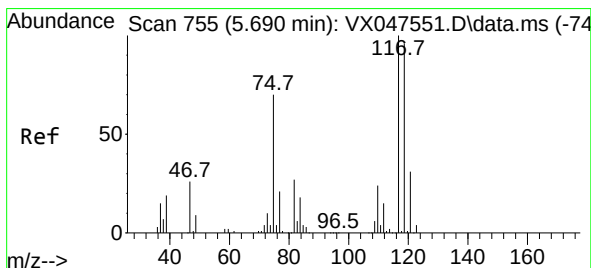
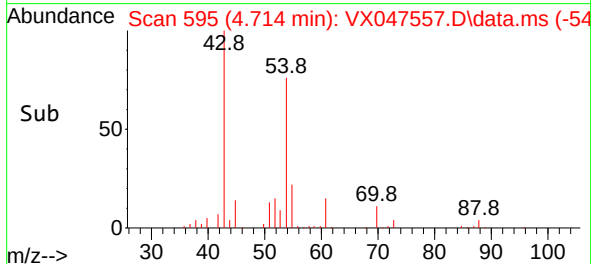
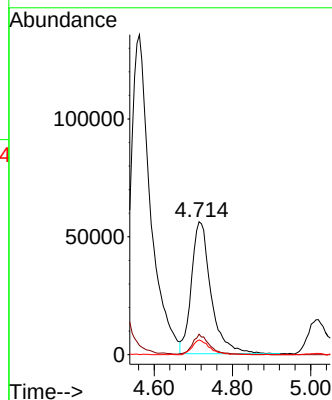
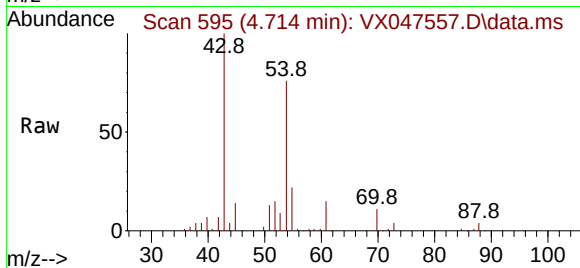
Tgt Ion: 43 Resp: 194653

Ion Ratio Lower Upper

43 100

61 13.0 10.2 15.2

70 9.8 8.2 12.4



#38

Carbon Tetrachloride

Concen: 49.243 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX047557.D

Acq: 29 Aug 2025 09:48

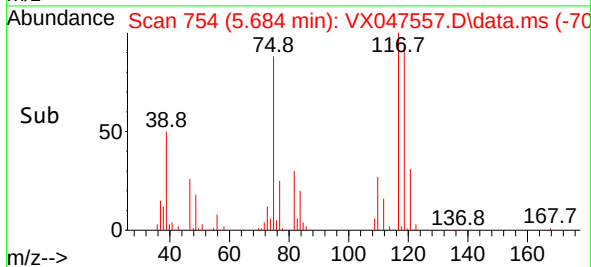
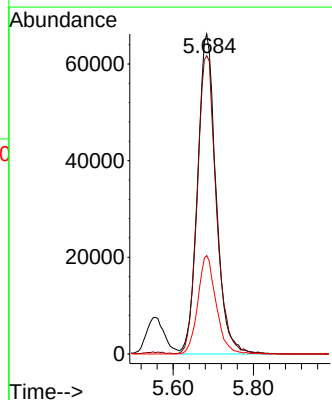
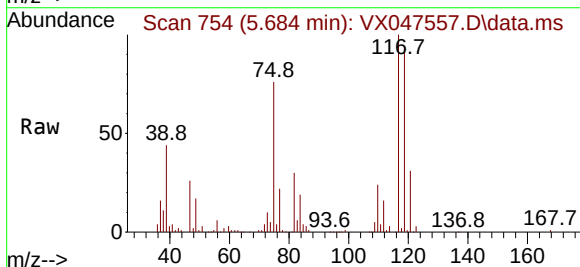
Tgt Ion: 117 Resp: 211572

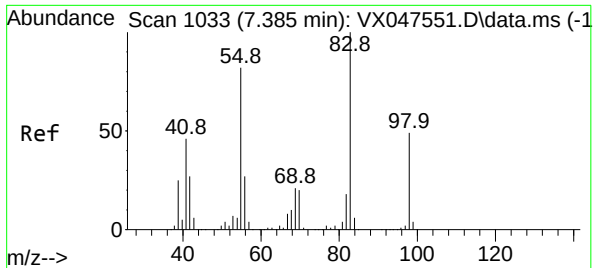
Ion Ratio Lower Upper

117 100

119 93.1 76.4 114.6

121 30.8 24.9 37.3

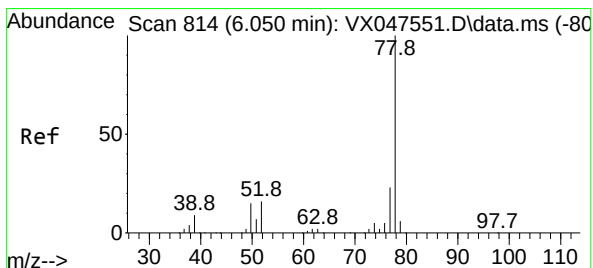
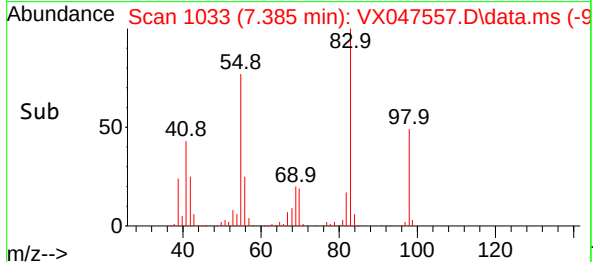
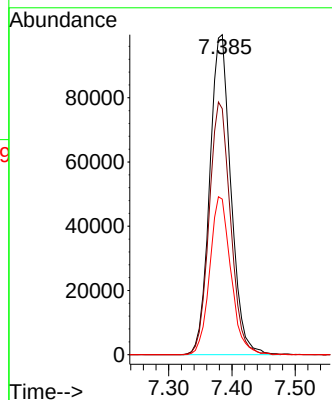
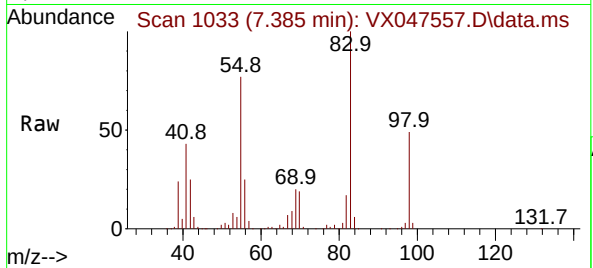




#39
Methylcyclohexane
Concen: 51.987 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

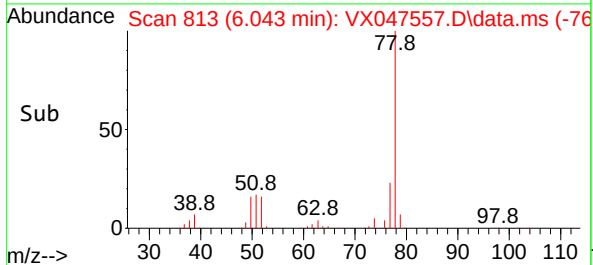
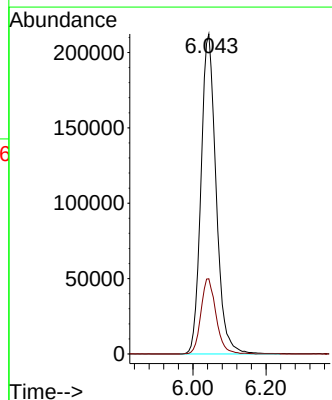
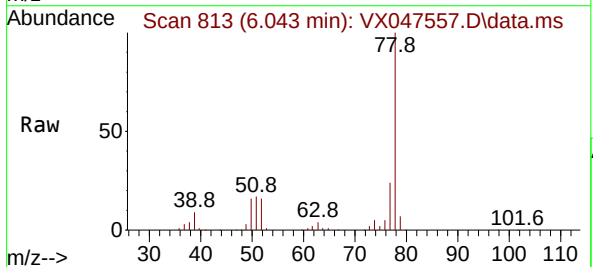
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

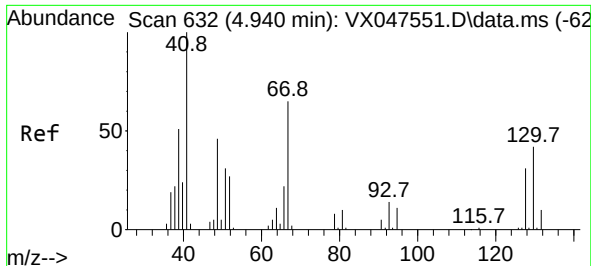
Tgt Ion: 83 Resp: 232154
Ion Ratio Lower Upper
83 100
55 76.8 65.4 98.2
98 48.6 39.0 58.4



#40
Benzene
Concen: 49.330 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Tgt Ion: 78 Resp: 609815
Ion Ratio Lower Upper
78 100
77 23.5 18.5 27.7



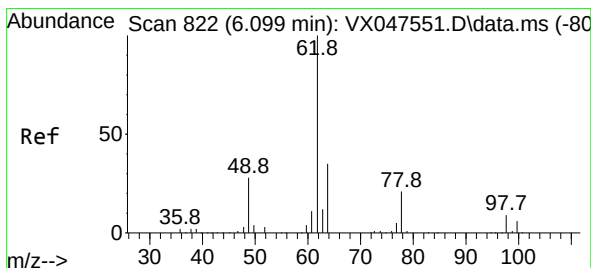
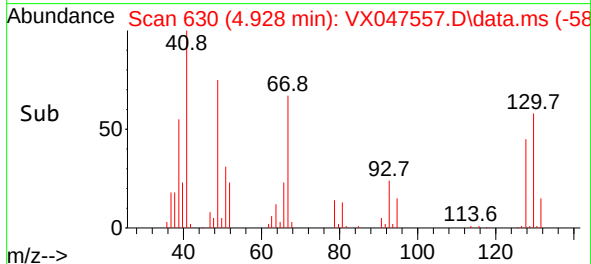
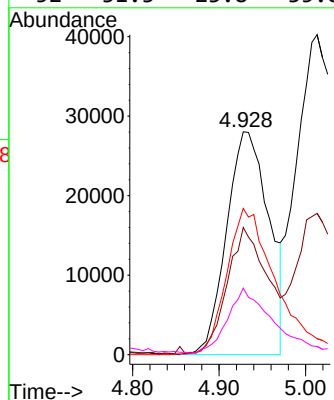
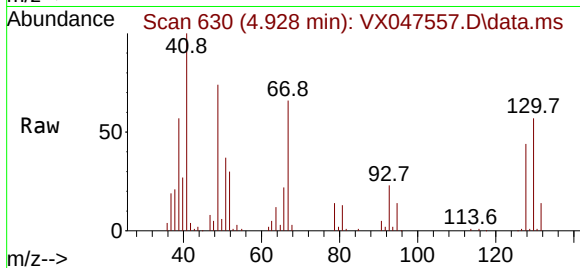


#41
Methacrylonitrile
Concen: 52.773 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 95387

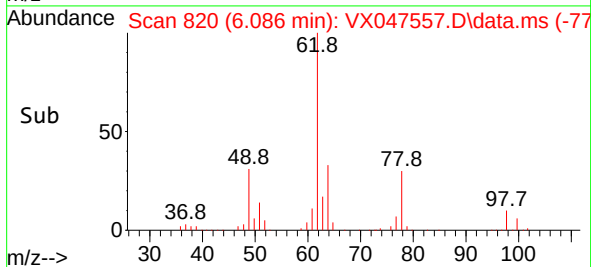
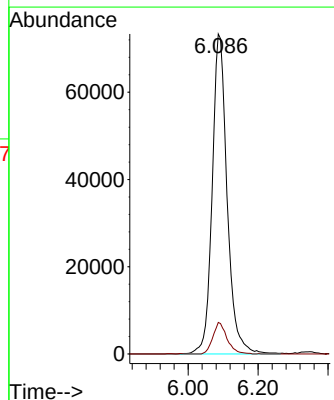
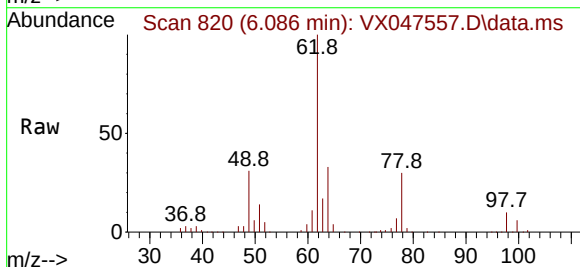
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.4	63.6
67	77.1	60.6	90.8
52	31.3	23.8	35.8

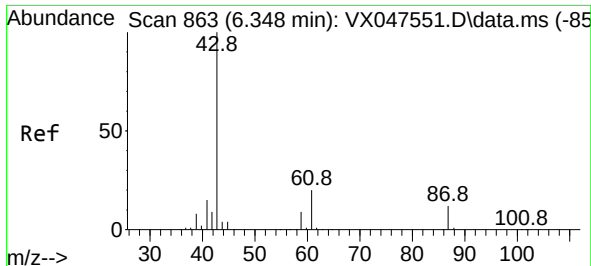


#42
1,2-Dichloroethane
Concen: 48.833 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Tgt Ion: 62 Resp: 217317

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.8





#43

Isopropyl Acetate

Concen: 51.771 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.006 min

Lab File: VX047557.D

Acq: 29 Aug 2025 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

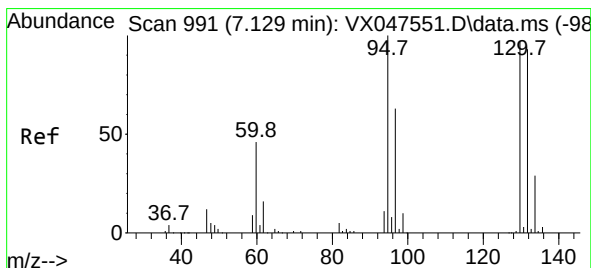
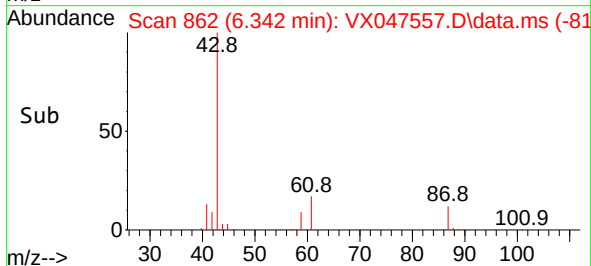
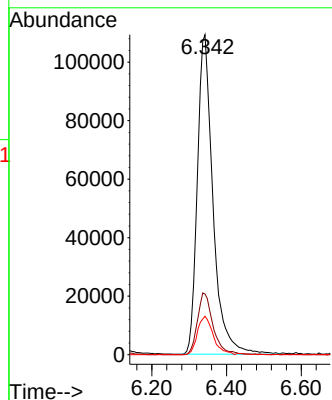
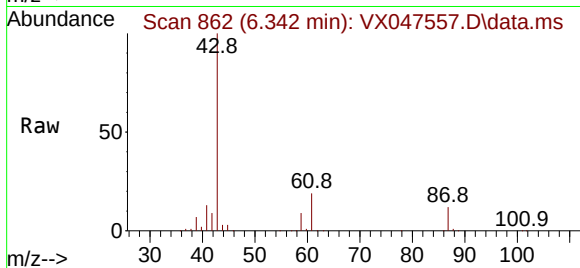
Tgt Ion: 43 Resp: 317486

Ion Ratio Lower Upper

43 100

61 19.3 15.4 23.2

87 12.1 9.9 14.9



#44

Trichloroethene

Concen: 49.590 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX047557.D

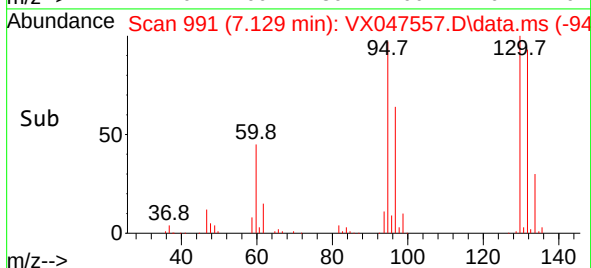
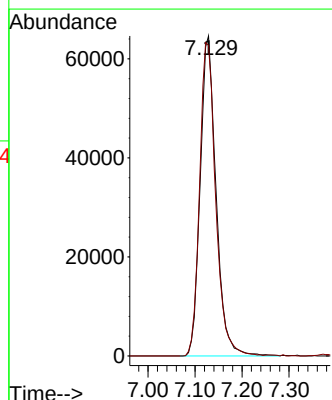
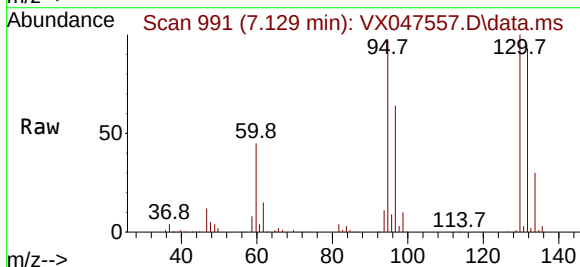
Acq: 29 Aug 2025 09:48

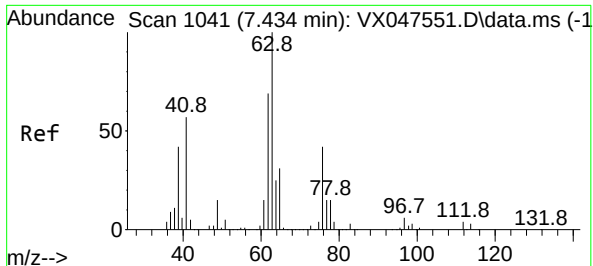
Tgt Ion:130 Resp: 151892

Ion Ratio Lower Upper

130 100

95 97.0 0.0 206.6





#45

1,2-Dichloropropane

Concen: 49.552 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX047557.D

Acq: 29 Aug 2025 09:48

Instrument :

MSVOA_X

ClientSampleId :

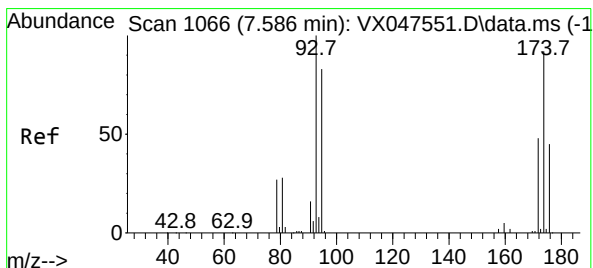
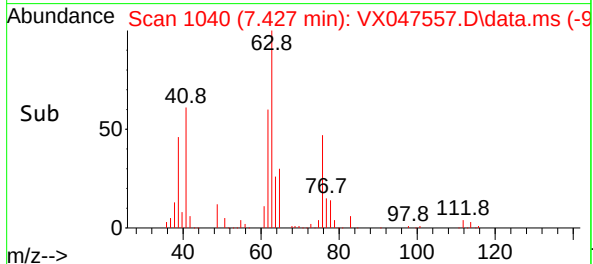
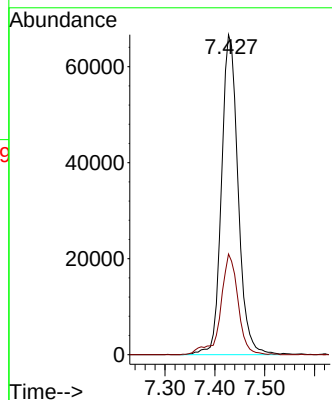
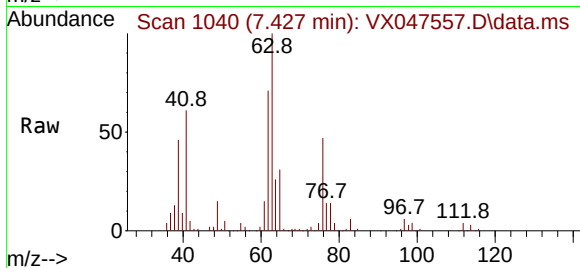
VSTDCCC050

Tgt Ion: 63 Resp: 154293

Ion Ratio Lower Upper

63 100

65 31.5 24.7 37.1



#46

Dibromomethane

Concen: 49.185 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047557.D

Acq: 29 Aug 2025 09:48

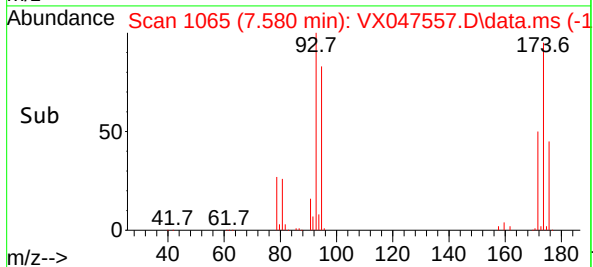
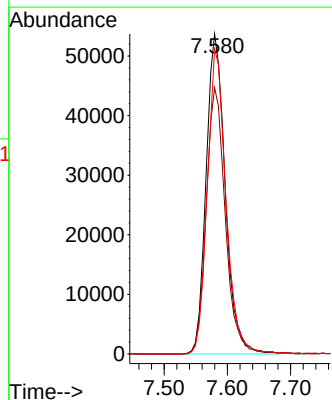
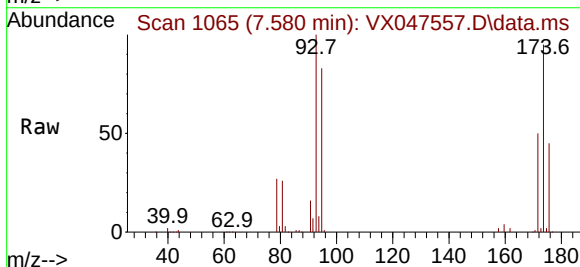
Tgt Ion: 93 Resp: 112744

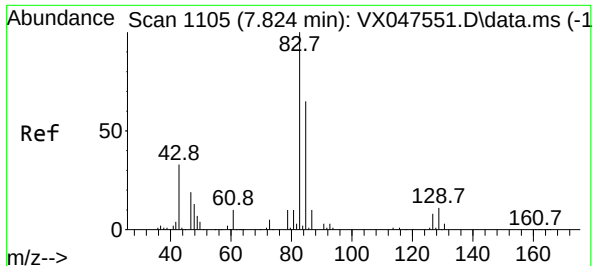
Ion Ratio Lower Upper

93 100

95 83.6 66.7 100.1

174 93.4 75.2 112.8

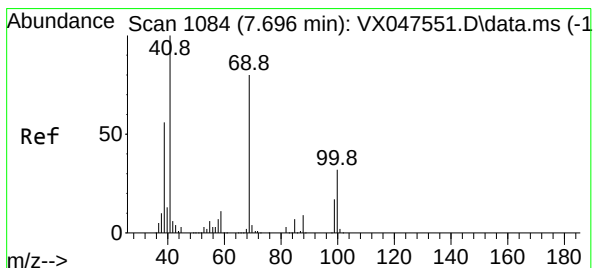
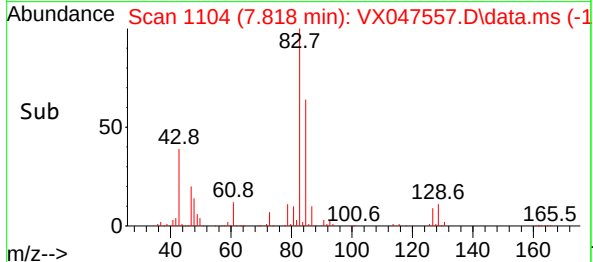
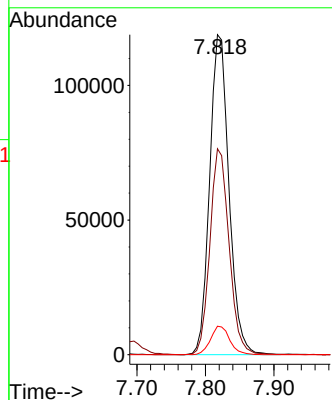
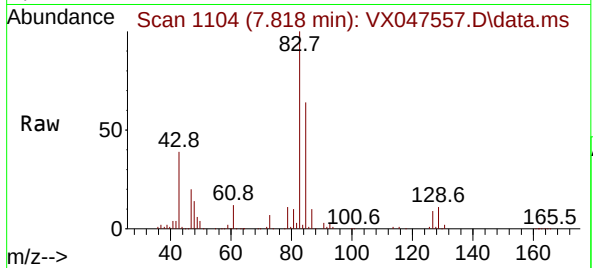




#47
Bromodichloromethane
Concen: 49.561 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

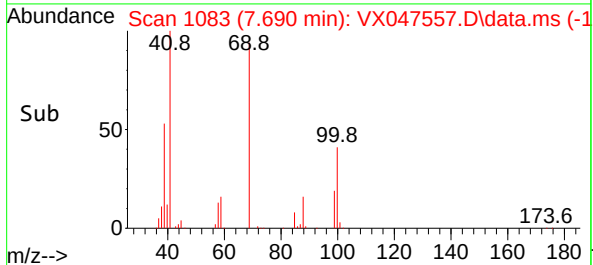
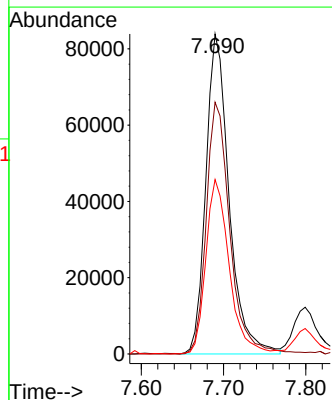
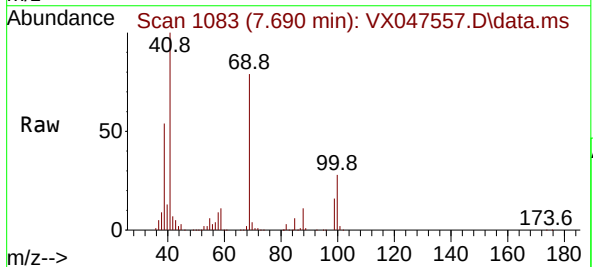
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

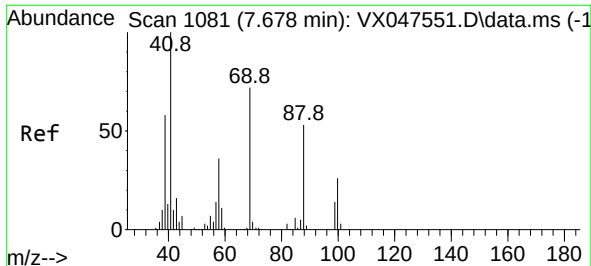
Tgt Ion: 83 Resp: 232332
Ion Ratio Lower Upper
83 100
85 64.3 52.0 78.0
127 8.9 6.8 10.2



#48
Methyl methacrylate
Concen: 52.293 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Tgt Ion: 41 Resp: 164965
Ion Ratio Lower Upper
41 100
69 79.7 63.4 95.2
39 54.8 44.7 67.1





#49

1,4-Dioxane

Concen: 1227.440 ug/l

RT: 7.677 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047557.D

Acq: 29 Aug 2025 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

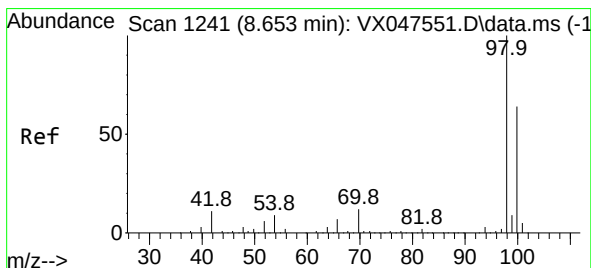
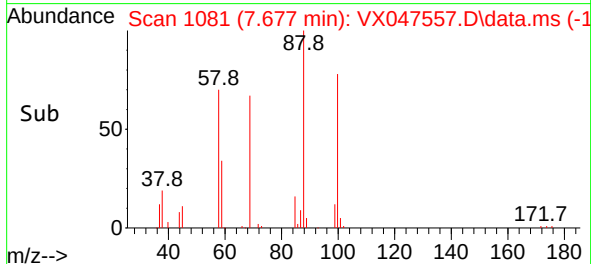
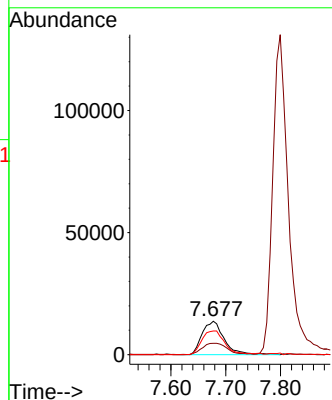
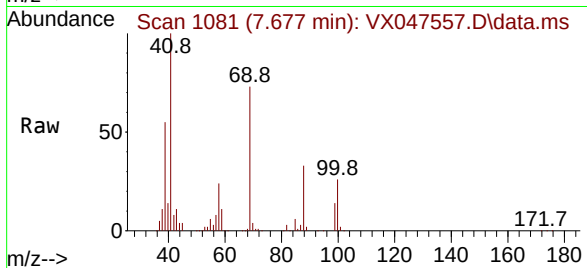
Tgt Ion: 88 Resp: 38304

Ion Ratio Lower Upper

88 100

43 37.5 31.9 47.9

58 73.6 57.5 86.3



#50

Toluene-d8

Concen: 56.207 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX047557.D

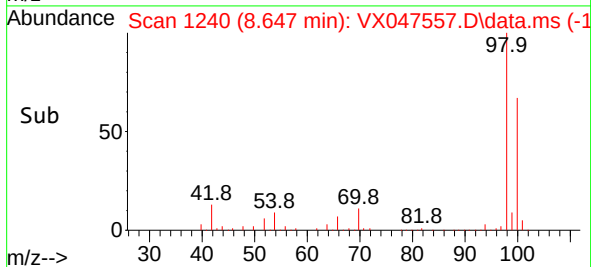
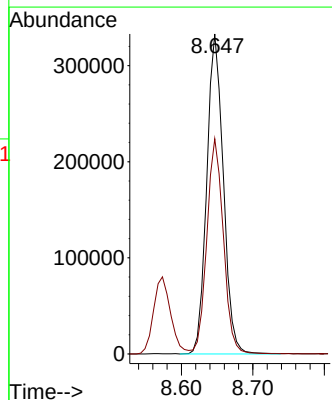
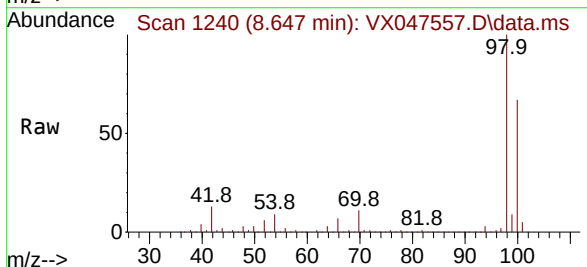
Acq: 29 Aug 2025 09:48

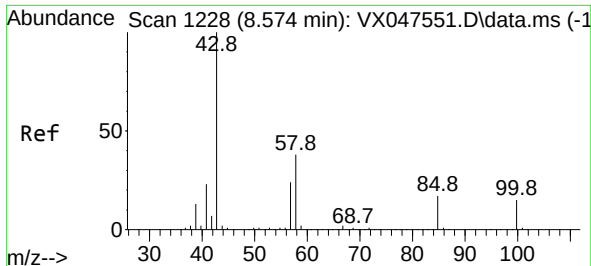
Tgt Ion: 98 Resp: 536041

Ion Ratio Lower Upper

98 100

100 67.2 53.5 80.3

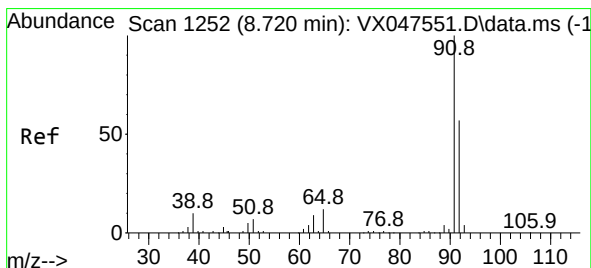
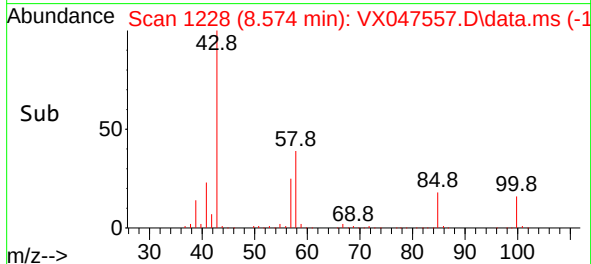
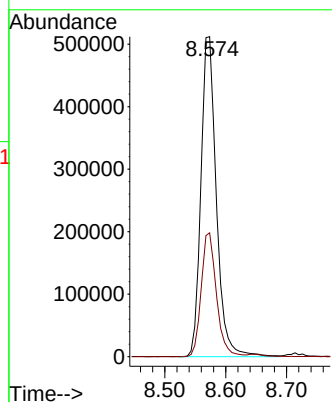
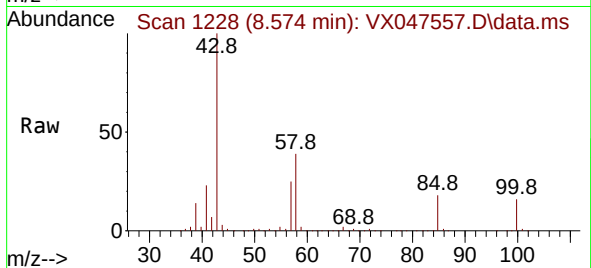




#51
4-Methyl-2-Pentanone
Concen: 249.179 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

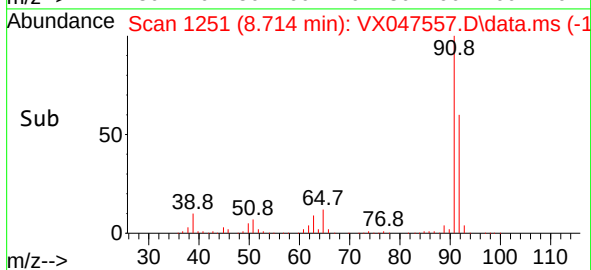
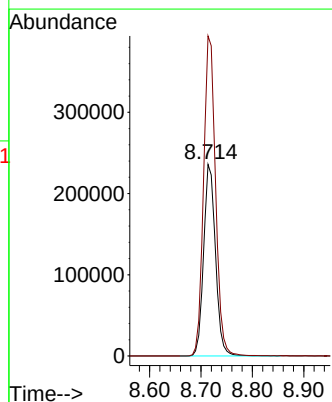
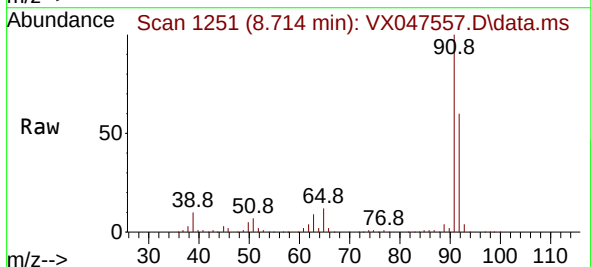
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

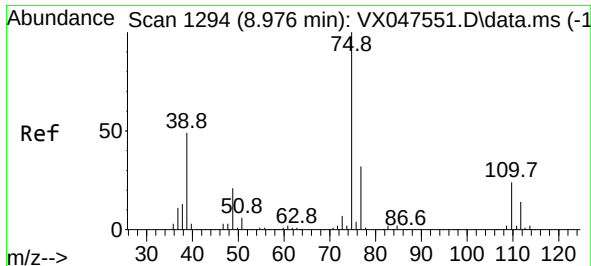
Tgt Ion: 43 Resp: 902871
Ion Ratio Lower Upper
43 100
58 38.2 30.4 45.6



#52
Toluene
Concen: 50.035 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Tgt Ion: 92 Resp: 376945
Ion Ratio Lower Upper
92 100
91 169.5 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 52.341 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX047557.D

Acq: 29 Aug 2025 09:48

Instrument :

MSVOA_X

ClientSampleId :

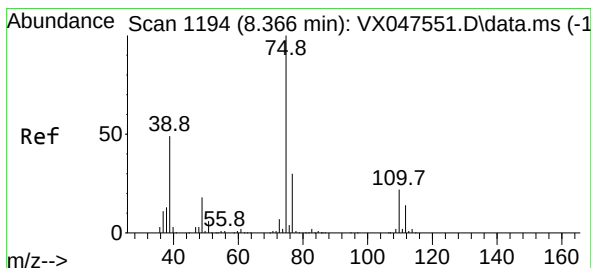
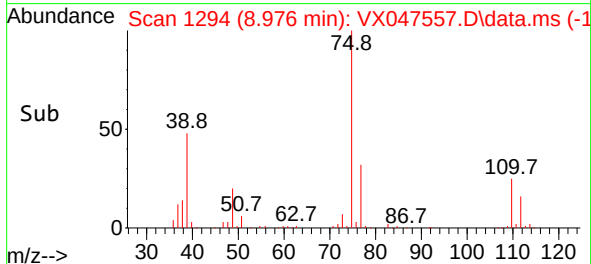
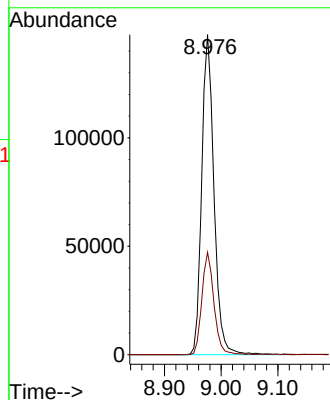
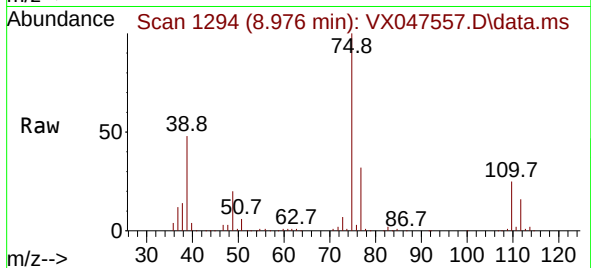
VSTDCCC050

Tgt Ion: 75 Resp: 221052

Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 51.993 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX047557.D

Acq: 29 Aug 2025 09:48

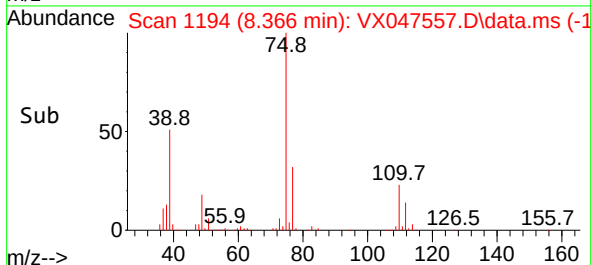
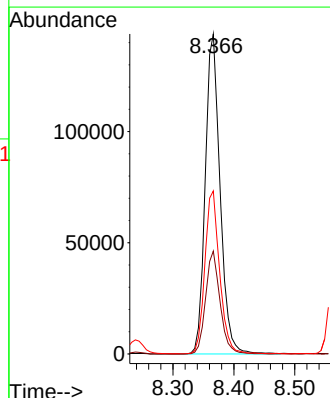
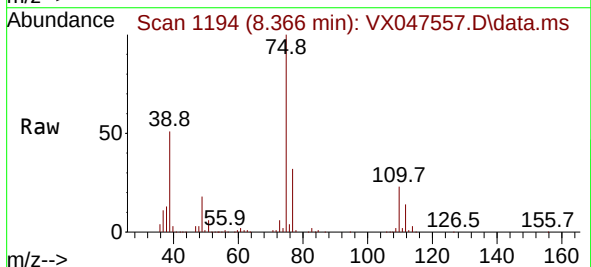
Tgt Ion: 75 Resp: 243305

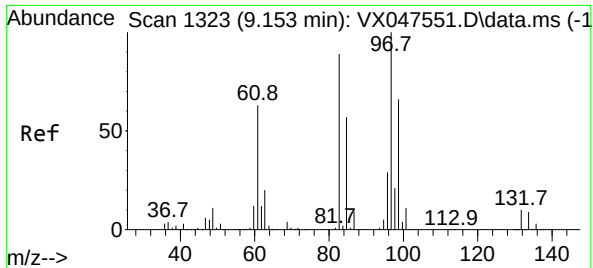
Ion Ratio Lower Upper

75 100

77 32.2 24.3 36.5

39 50.4 39.0 58.4



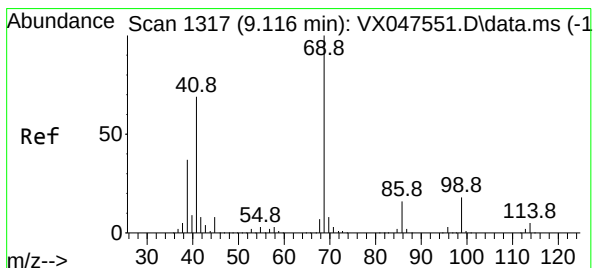
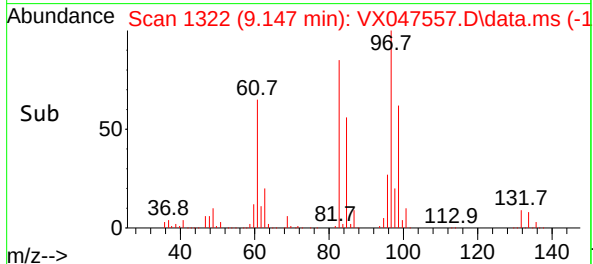
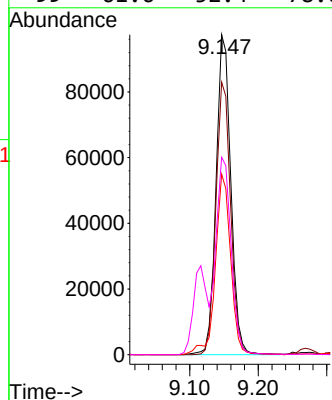
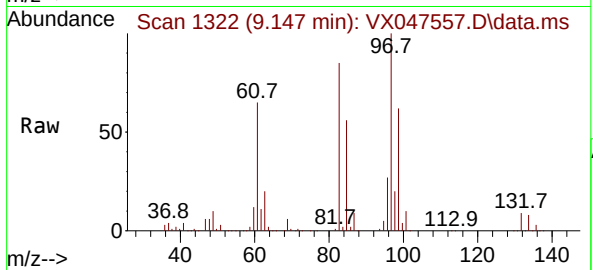


#55
1,1,2-Trichloroethane
Concen: 49.382 ug/l
RT: 9.147 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 145133

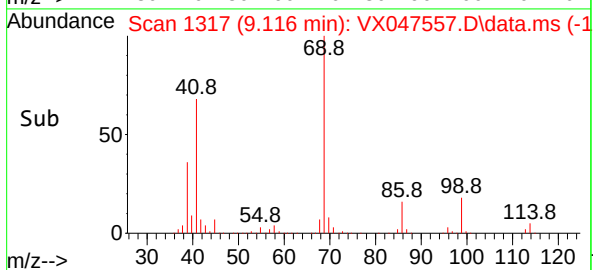
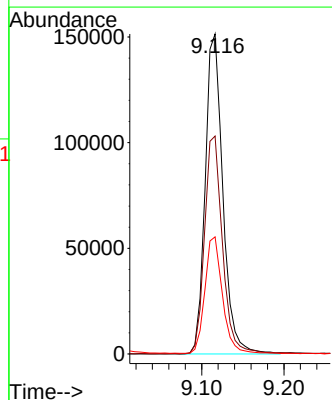
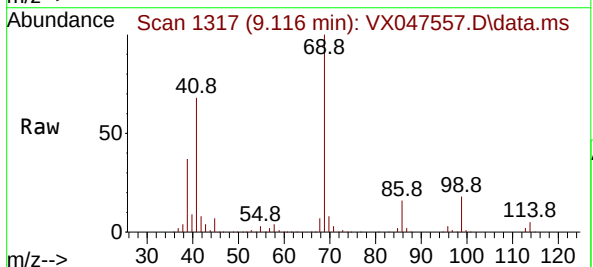
Ion	Ratio	Lower	Upper
97	100		
83	85.1	71.4	107.0
85	56.4	45.6	68.4
99	61.6	52.4	78.6

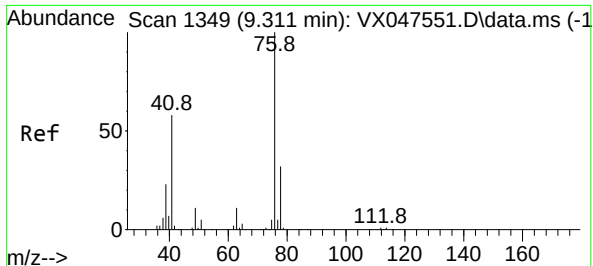


#56
Ethyl methacrylate
Concen: 51.905 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Tgt Ion: 69 Resp: 225818

Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.0	82.4
39	36.6	29.8	44.6

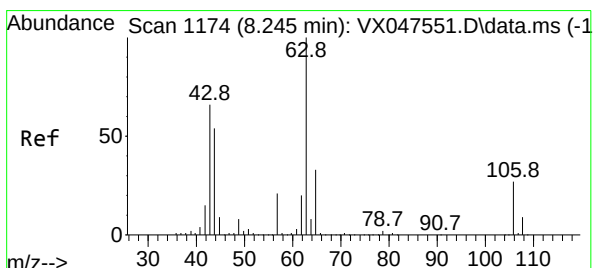
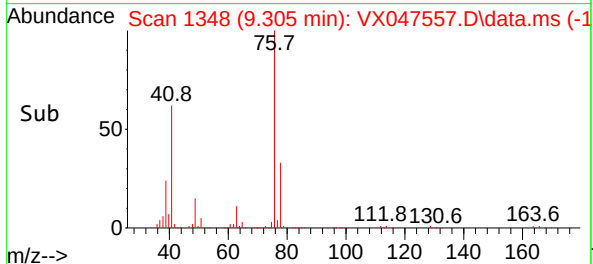
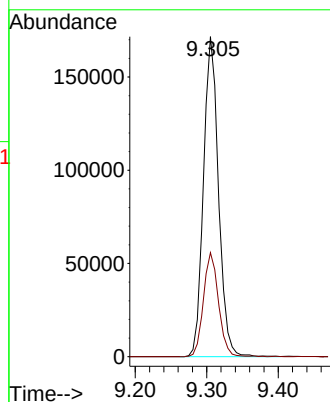
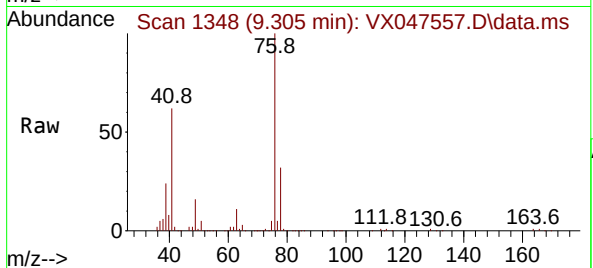




#57
1,3-Dichloropropane
Concen: 49.250 ug/l
RT: 9.305 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

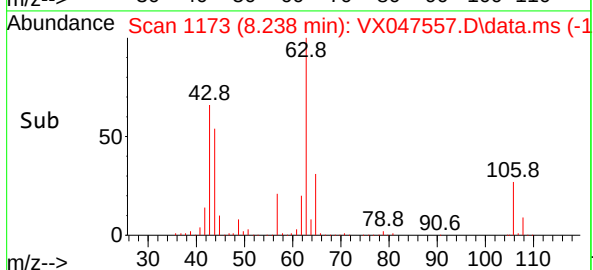
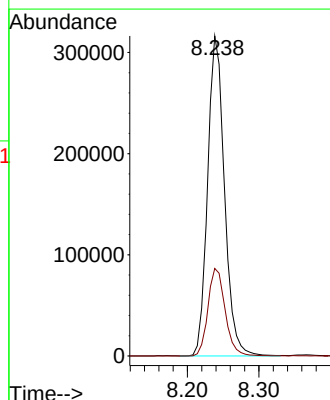
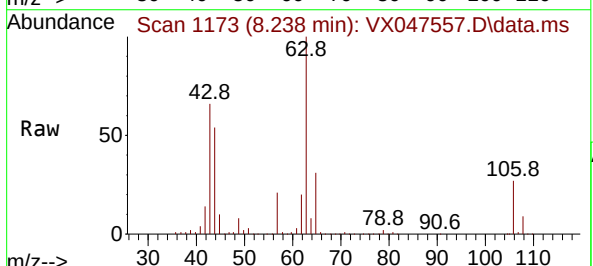
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

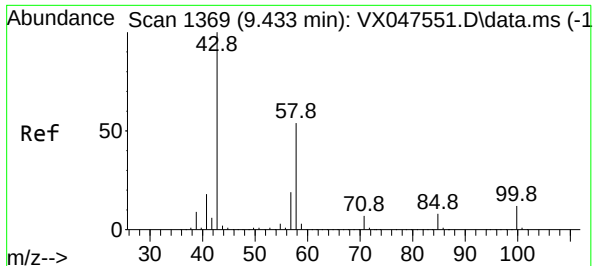
Tgt Ion: 76 Resp: 250601
Ion Ratio Lower Upper
76 100
78 32.6 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 253.113 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.007 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Tgt Ion: 63 Resp: 517951
Ion Ratio Lower Upper
63 100
106 28.0 22.2 33.4





#59

2-Hexanone

Concen: 253.372 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX047557.D

Acq: 29 Aug 2025 09:48

Instrument :

MSVOA_X

ClientSampleId :

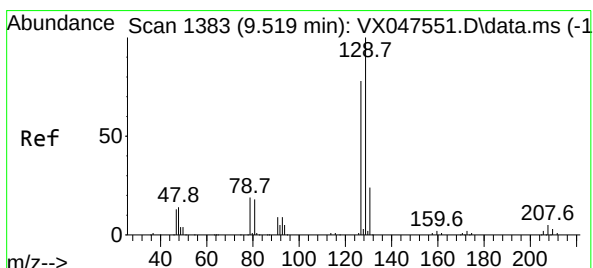
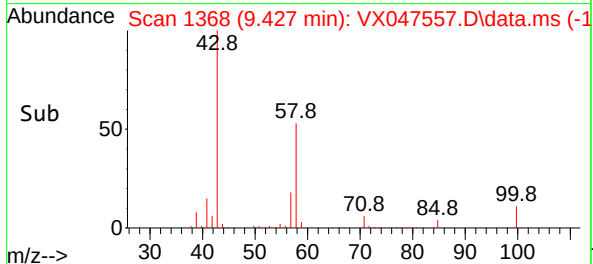
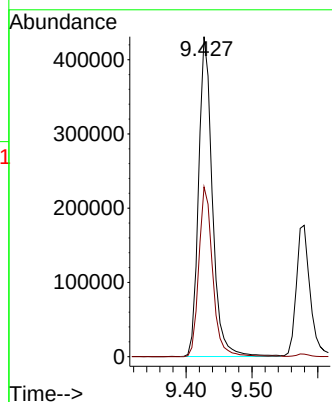
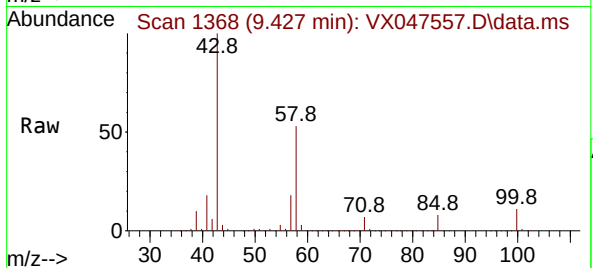
VSTDCCC050

Tgt Ion: 43 Resp: 627167

Ion Ratio Lower Upper

43 100

58 53.4 26.7 80.0



#60

Dibromochloromethane

Concen: 49.952 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX047557.D

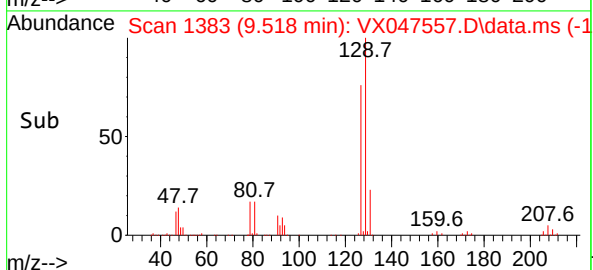
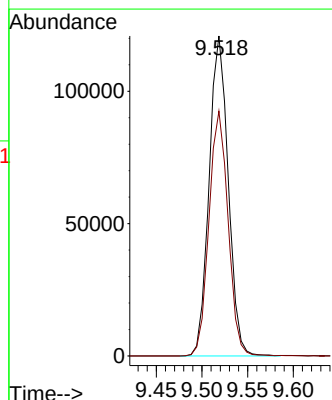
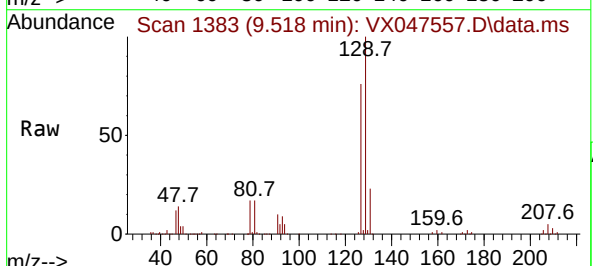
Acq: 29 Aug 2025 09:48

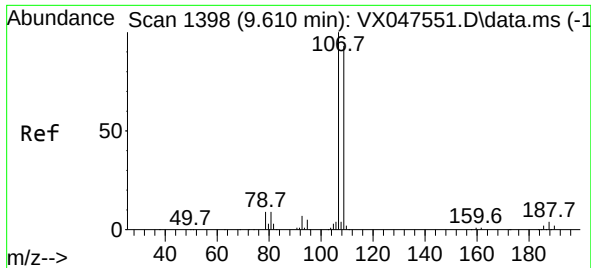
Tgt Ion:129 Resp: 175378

Ion Ratio Lower Upper

129 100

127 76.7 38.5 115.3

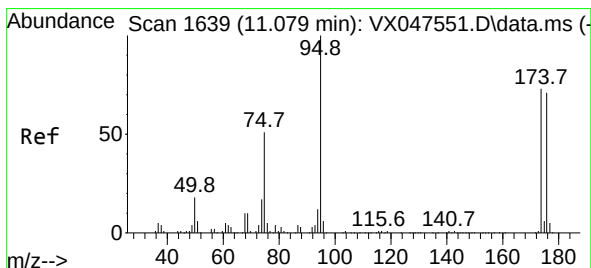
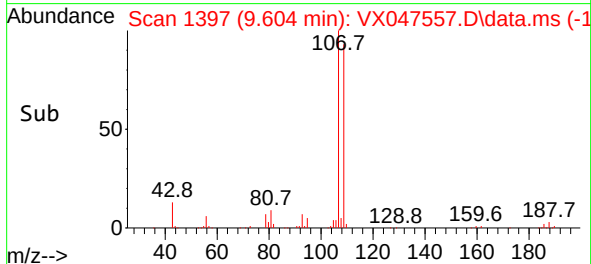
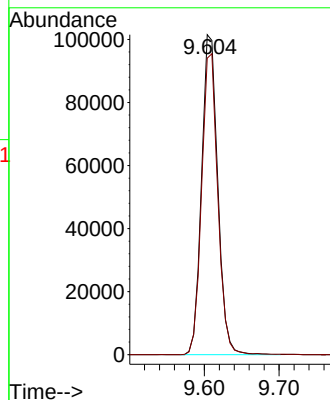
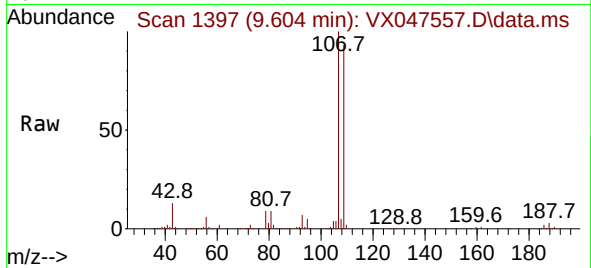




#61
1,2-Dibromoethane
Concen: 51.137 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

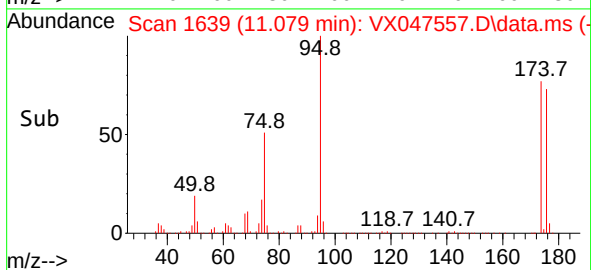
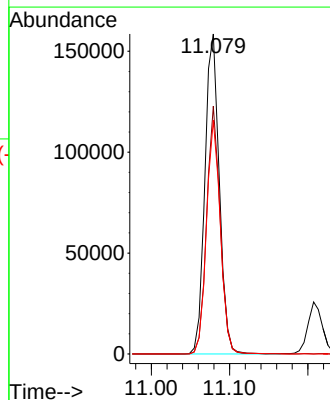
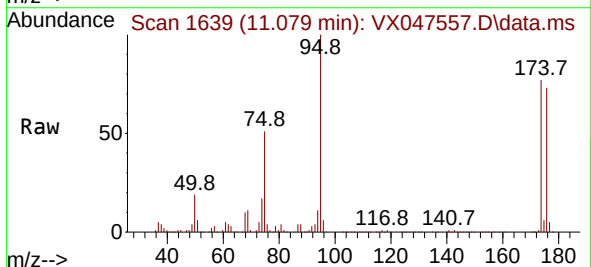
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

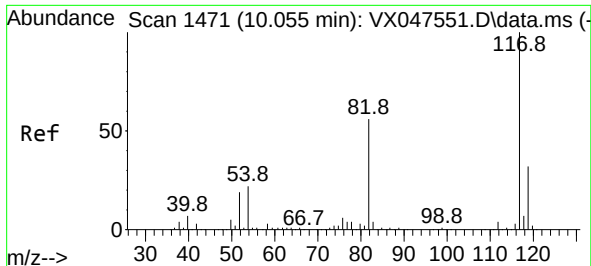
Tgt Ion:107 Resp: 152944
Ion Ratio Lower Upper
107 100
109 94.0 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 56.261 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Tgt Ion: 95 Resp: 201572
Ion Ratio Lower Upper
95 100
174 72.9 0.0 145.2
176 70.3 0.0 140.4

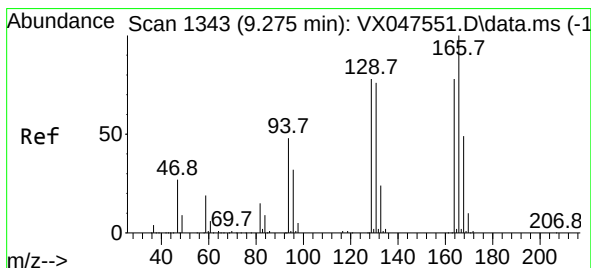
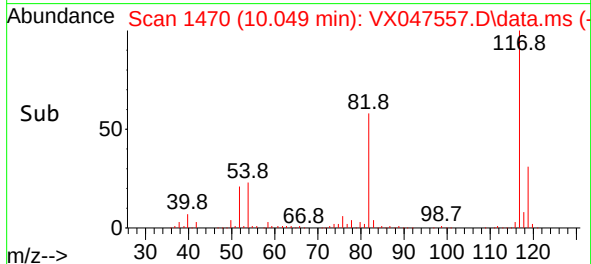
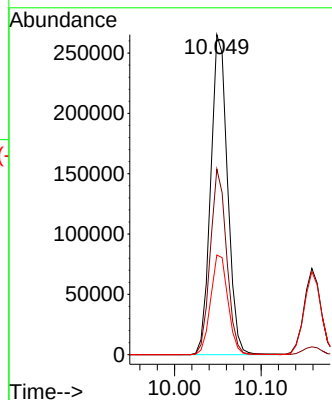
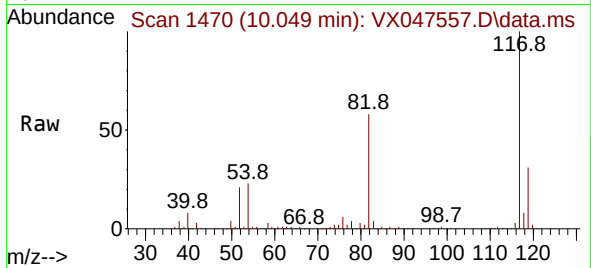




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

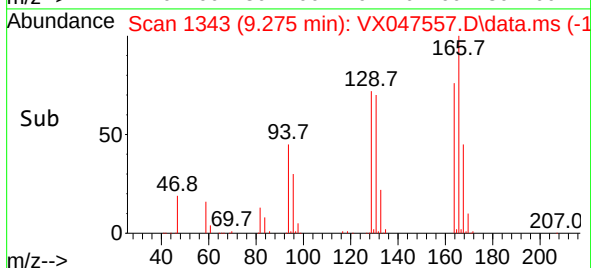
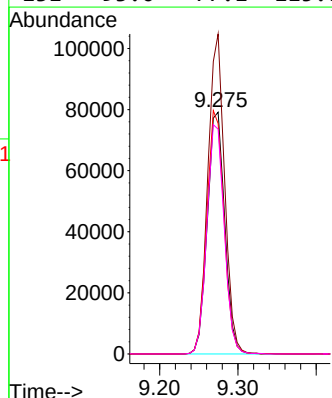
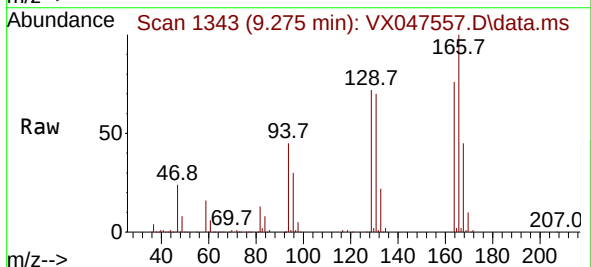
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

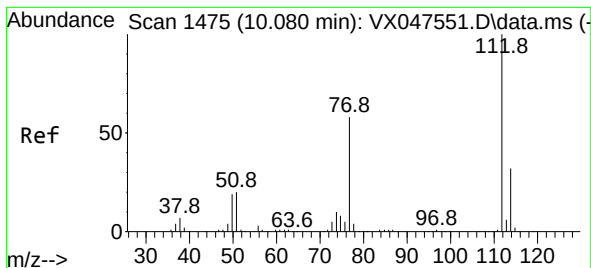
Tgt Ion:117 Resp: 357667
Ion Ratio Lower Upper
117 100
82 58.0 44.6 66.8
119 31.2 25.7 38.5



#64
Tetrachloroethene
Concen: 50.735 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Tgt Ion:164 Resp: 121569
Ion Ratio Lower Upper
164 100
166 132.4 102.1 153.1
129 95.3 79.3 118.9
131 93.0 77.1 115.7

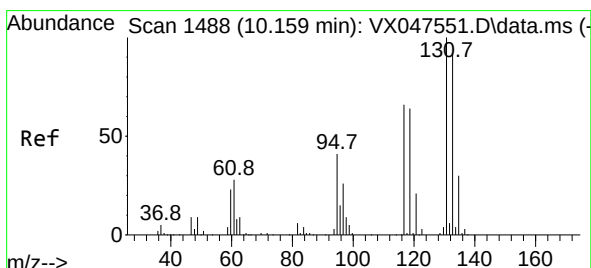
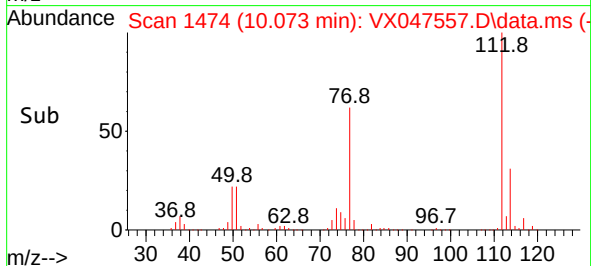
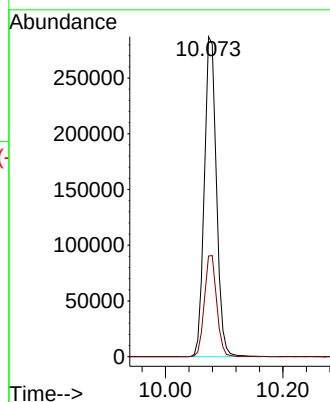
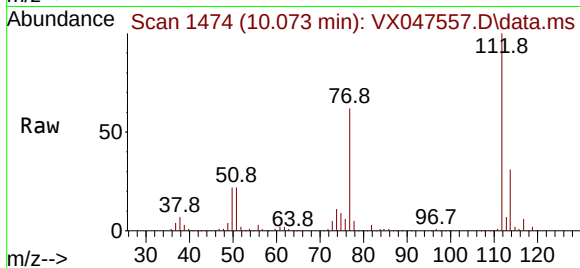




#65
Chlorobenzene
Concen: 49.077 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

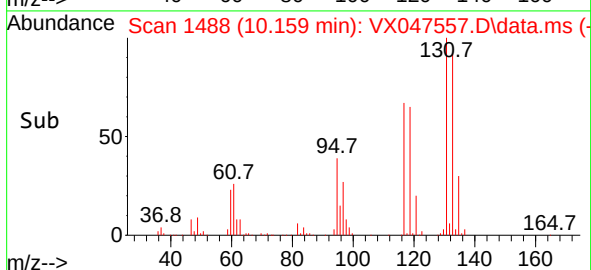
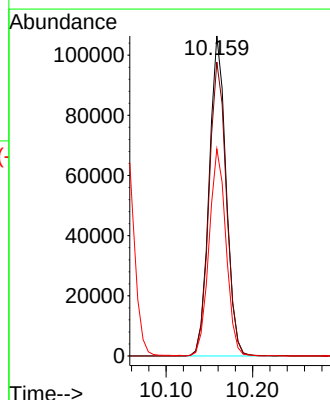
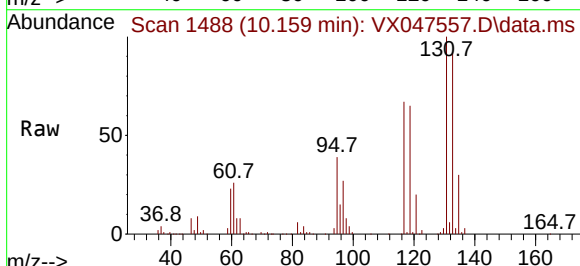
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

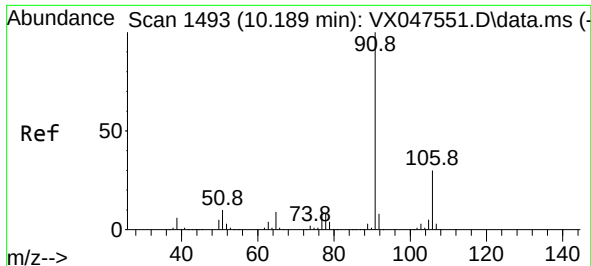
Tgt Ion:112 Resp: 410913
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.721 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Tgt Ion:131 Resp: 144009
Ion Ratio Lower Upper
131 100
133 94.2 47.4 142.3
119 64.8 32.6 97.7





#67

Ethyl Benzene

Concen: 50.748 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX047557.D

Acq: 29 Aug 2025 09:48

Instrument :

MSVOA_X

ClientSampleId :

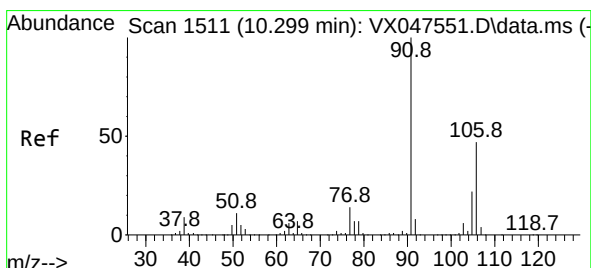
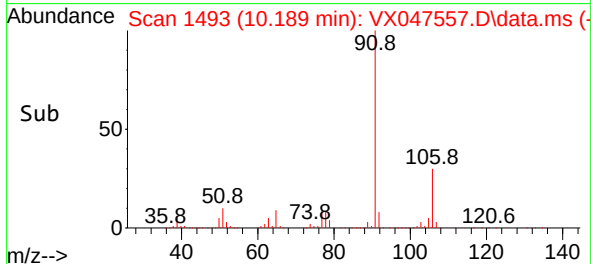
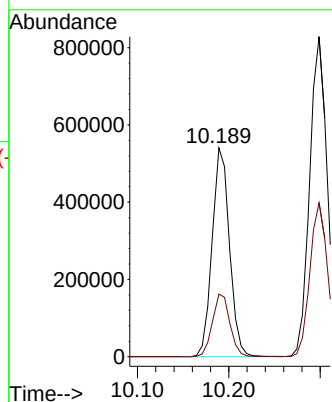
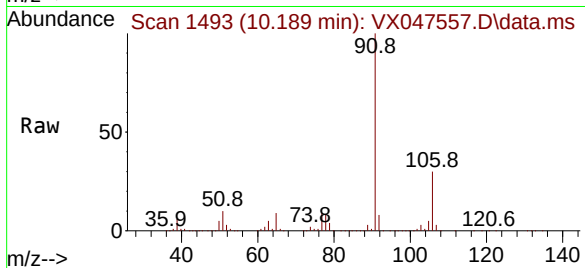
VSTDCCC050

Tgt Ion: 91 Resp: 714010

Ion Ratio Lower Upper

91 100

106 30.0 23.9 35.9



#68

m/p-Xylenes

Concen: 102.755 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX047557.D

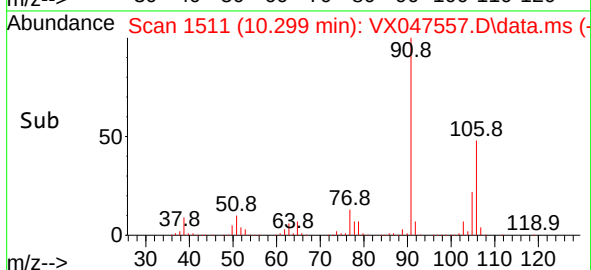
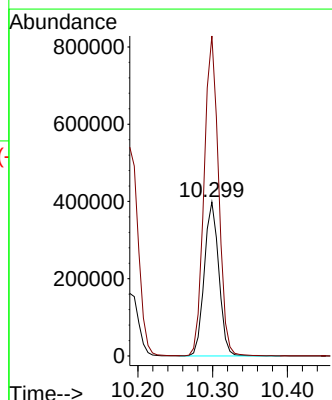
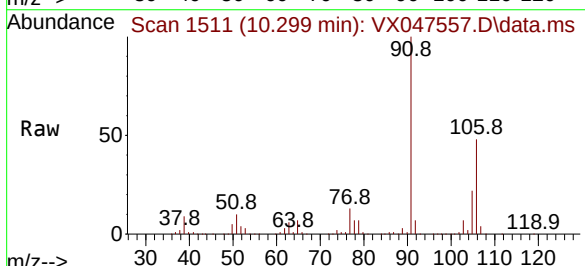
Acq: 29 Aug 2025 09:48

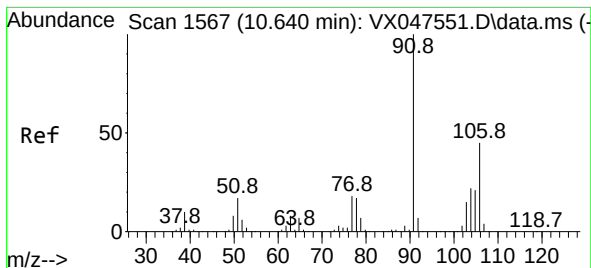
Tgt Ion:106 Resp: 536975

Ion Ratio Lower Upper

106 100

91 207.4 166.1 249.1





#69

o-Xylene

Concen: 51.659 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX047557.D

Acq: 29 Aug 2025 09:48

Instrument :

MSVOA_X

ClientSampleId :

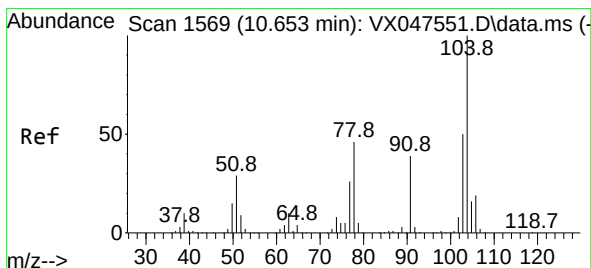
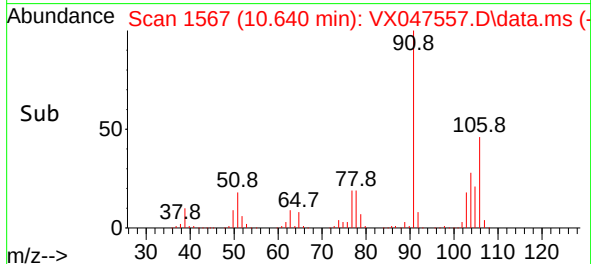
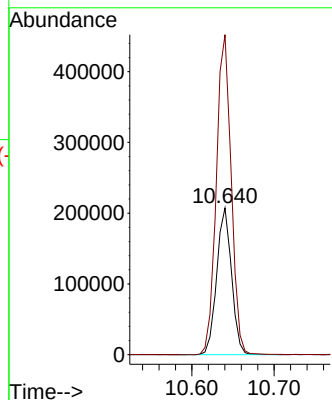
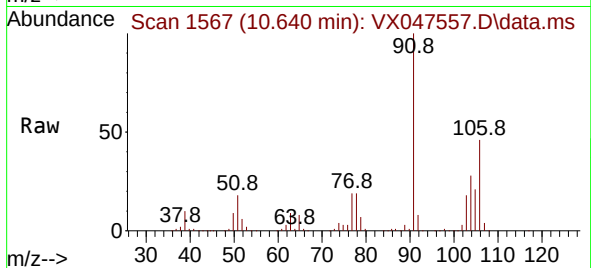
VSTDCCC050

Tgt Ion:106 Resp: 260055

Ion Ratio Lower Upper

106 100

91 219.4 109.9 329.7



#70

Styrene

Concen: 52.101 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX047557.D

Acq: 29 Aug 2025 09:48

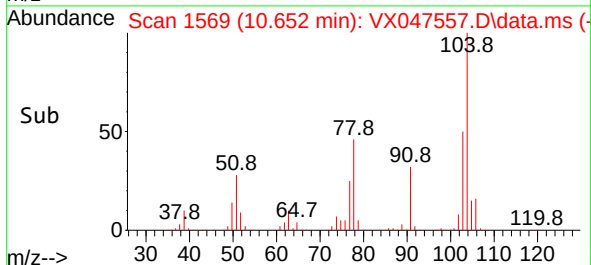
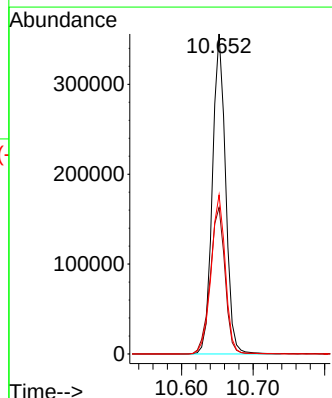
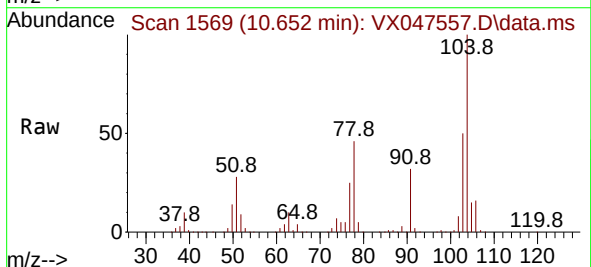
Tgt Ion:104 Resp: 455098

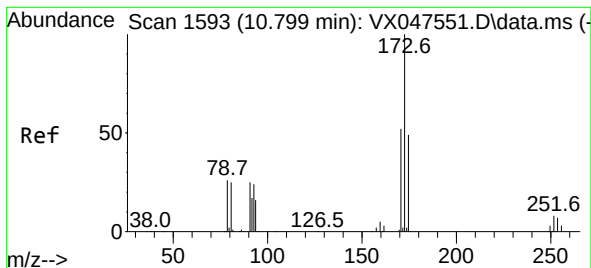
Ion Ratio Lower Upper

104 100

78 51.5 41.6 62.4

103 53.7 43.0 64.4





#71

Bromoform

Concen: 52.220 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX047557.D

Acq: 29 Aug 2025 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

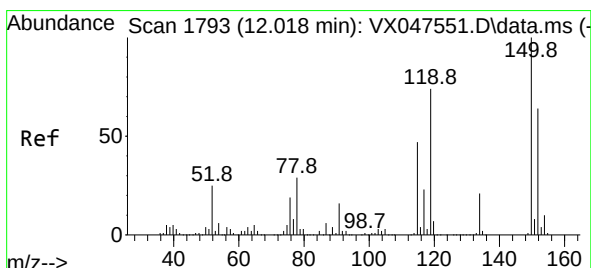
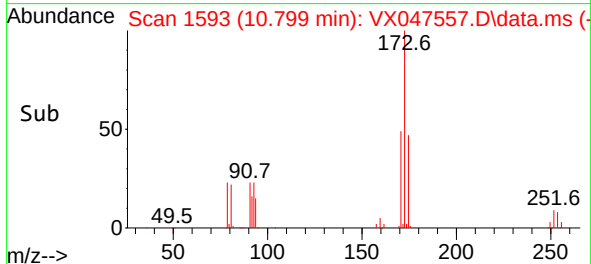
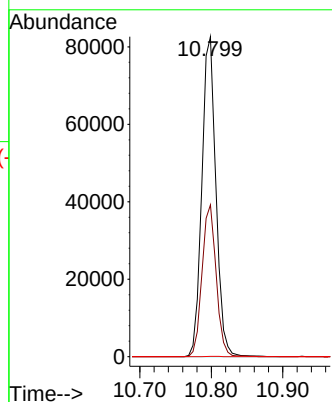
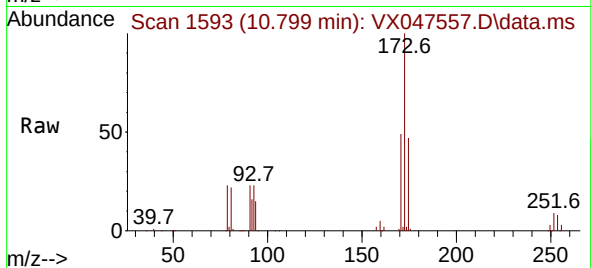
Tgt Ion:173 Resp: 112896

Ion Ratio Lower Upper

173 100

175 47.6 24.5 73.5

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: VX047557.D

Acq: 29 Aug 2025 09:48

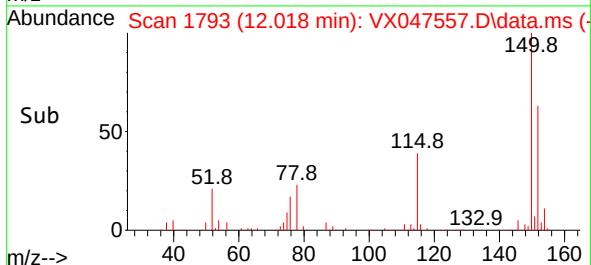
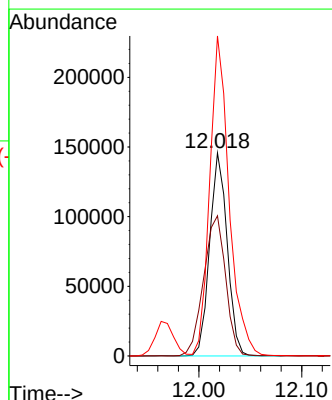
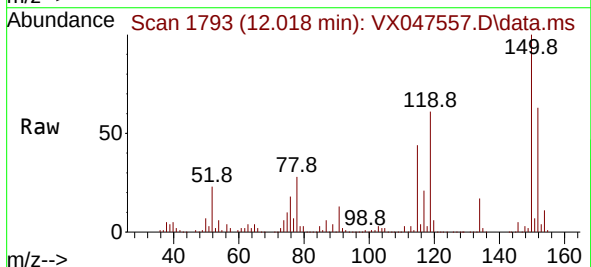
Tgt Ion:152 Resp: 172889

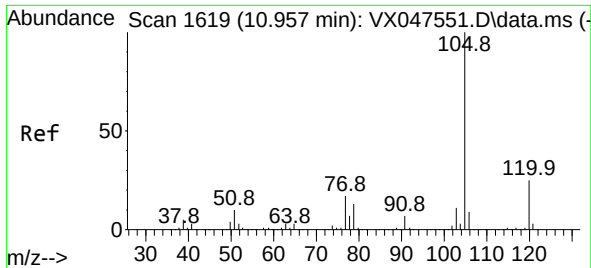
Ion Ratio Lower Upper

152 100

115 86.9 42.9 128.5

150 173.9 0.0 351.0

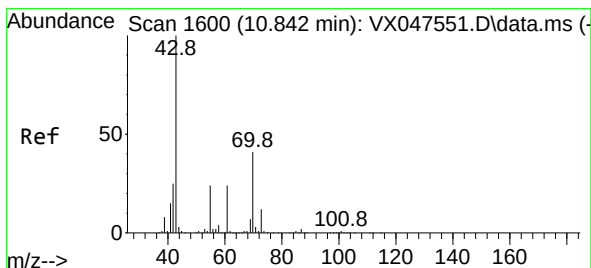
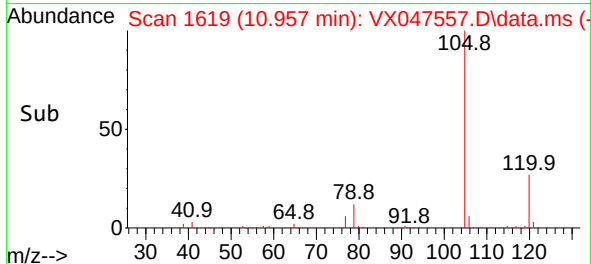
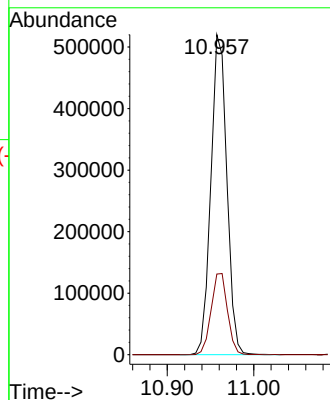
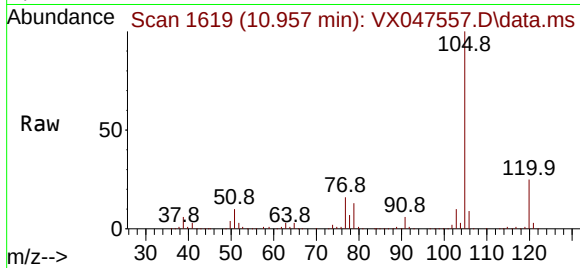




#73
Isopropylbenzene
Concen: 52.364 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

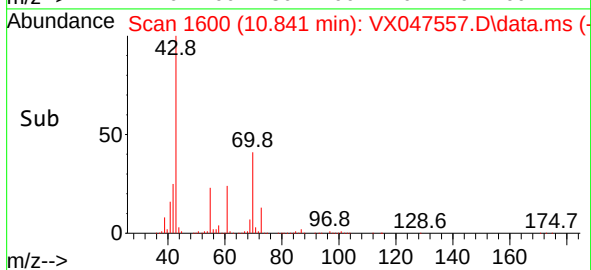
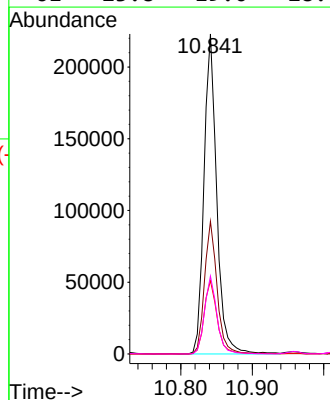
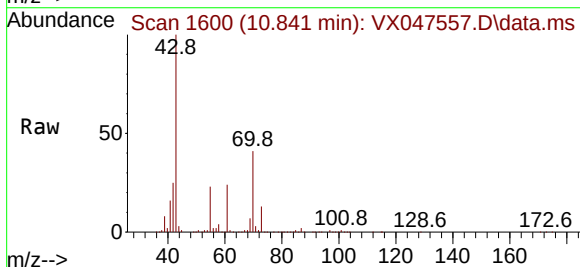
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

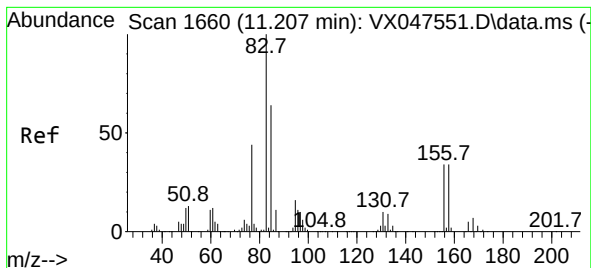
Tgt Ion:105 Resp: 666173
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.4



#74
N-ethyl acetate
Concen: 52.520 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Tgt Ion: 43 Resp: 275917
Ion Ratio Lower Upper
43 100
70 41.0 32.9 49.3
55 23.3 19.2 28.8
61 23.8 19.0 28.6

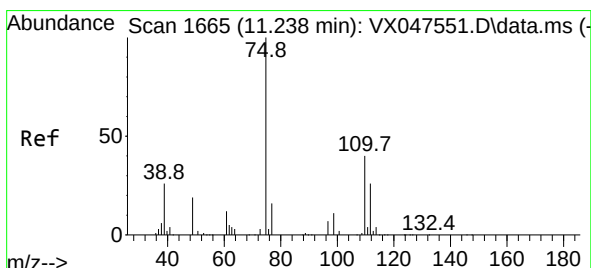
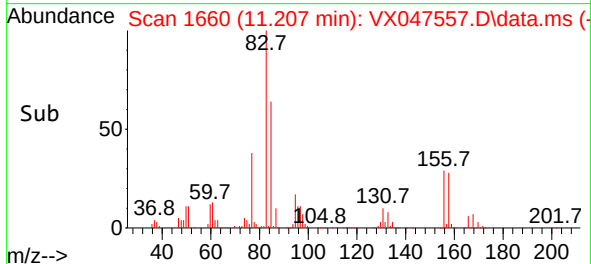
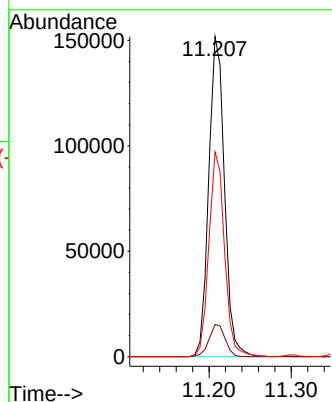
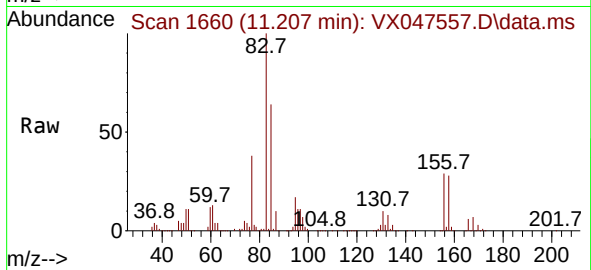




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.187 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: VX047557.D
 Acq: 29 Aug 2025 09:48

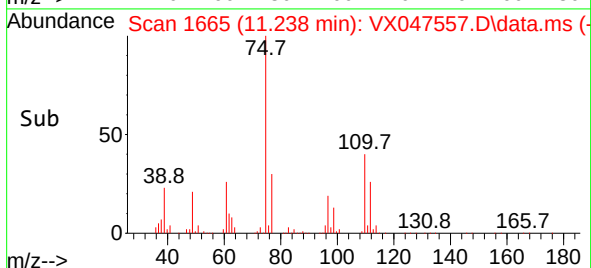
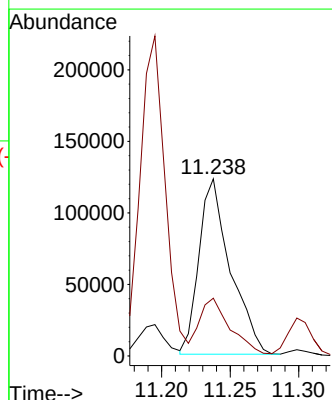
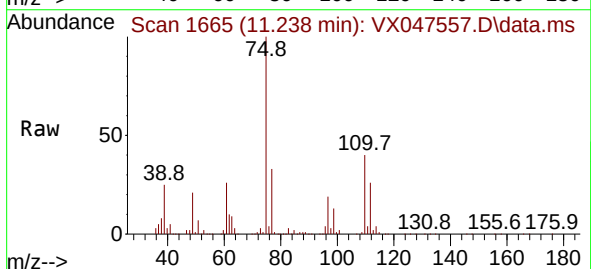
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

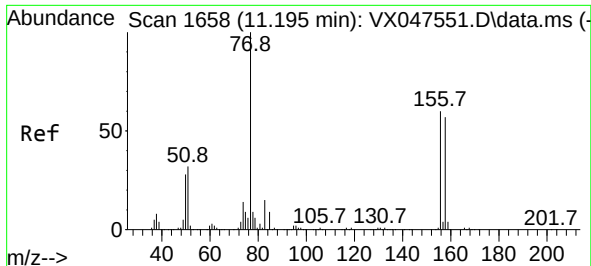
Tgt Ion: 83 Resp: 201828
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.1 15.3
 85 63.5 32.4 97.0



#76
 1,2,3-Trichloropropane
 Concen: 63.475 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX047557.D
 Acq: 29 Aug 2025 09:48

Tgt Ion: 75 Resp: 195861
 Ion Ratio Lower Upper
 75 100
 77 32.7 19.7 59.1

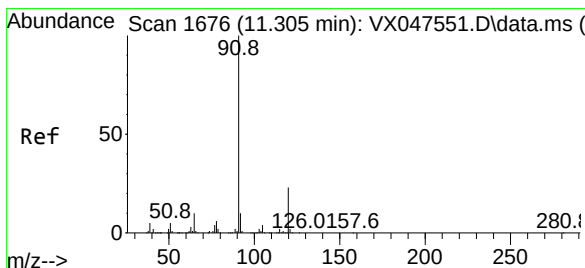
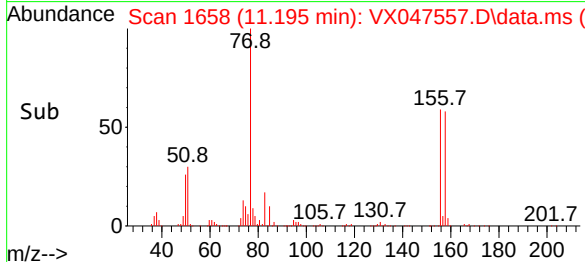
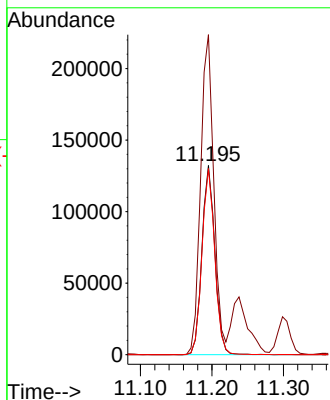
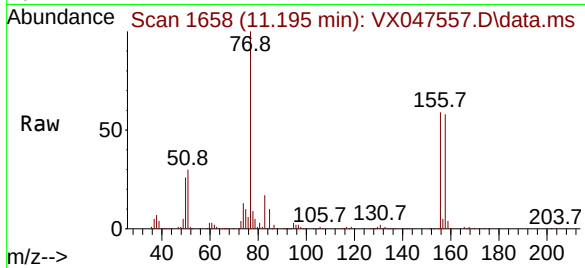




#77
Bromobenzene
Concen: 51.050 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

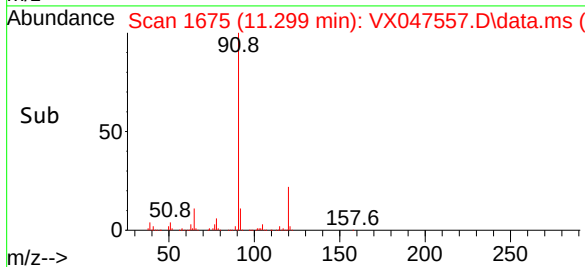
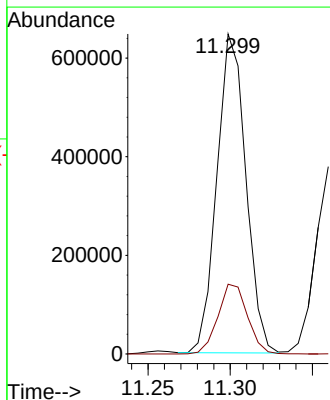
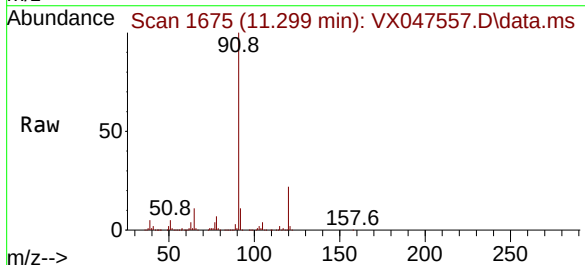
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

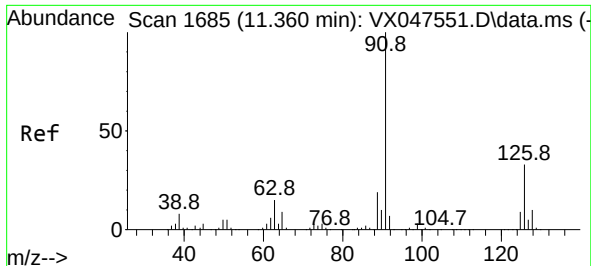
Tgt Ion:156 Resp: 166143
Ion Ratio Lower Upper
156 100
77 172.3 84.4 253.1
158 97.6 47.4 142.3



#78
n-propylbenzene
Concen: 52.303 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Tgt Ion: 91 Resp: 792211
Ion Ratio Lower Upper
91 100
120 22.3 11.2 33.6

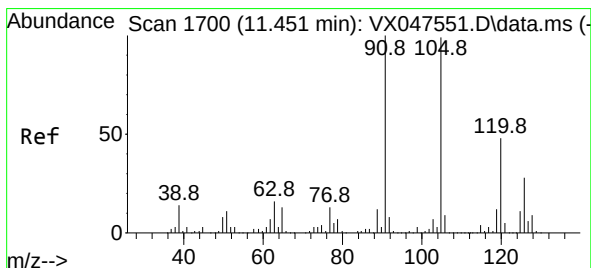
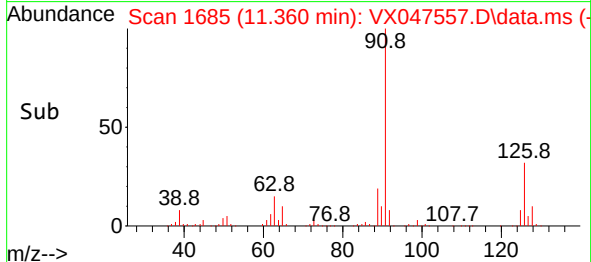
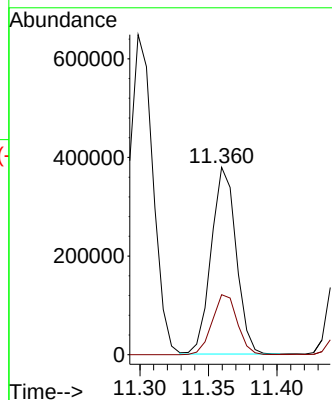
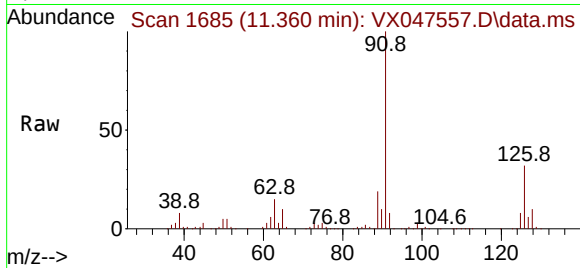




#79
2-Chlorotoluene
Concen: 50.980 ug/l
RT: 11.360 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

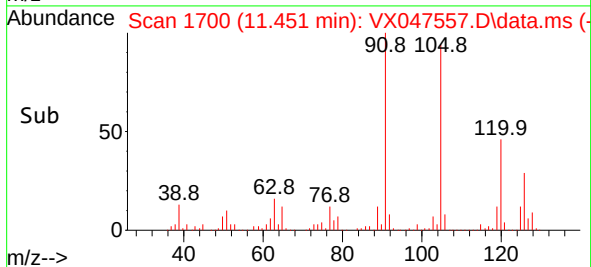
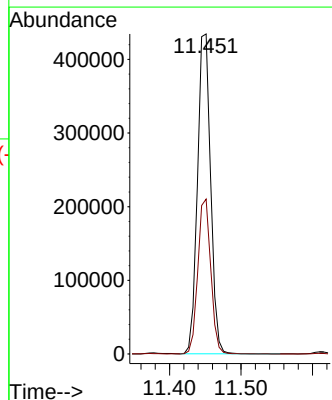
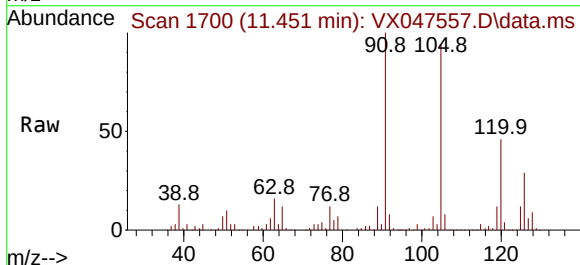
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

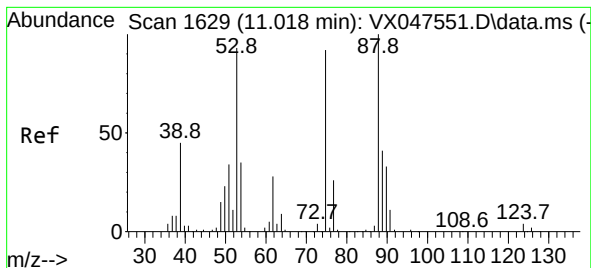
Tgt Ion: 91 Resp: 478871
Ion Ratio Lower Upper
91 100
126 32.4 16.4 49.2



#80
1,3,5-Trimethylbenzene
Concen: 53.229 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Tgt Ion:105 Resp: 553687
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.5

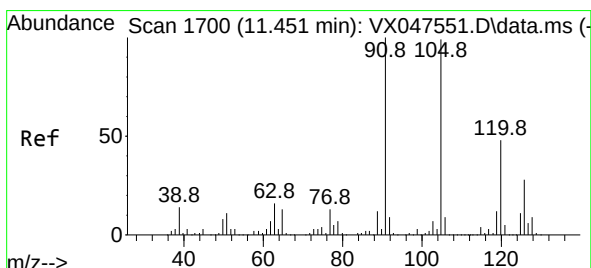
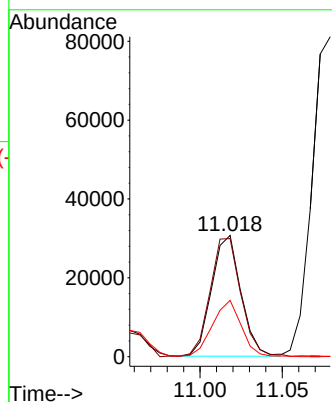
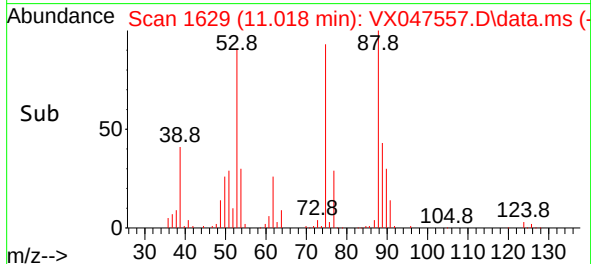
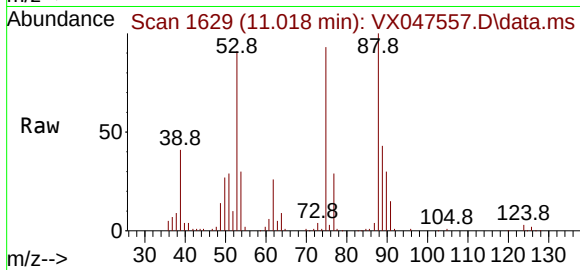




#81
trans-1,4-Dichloro-2-butene
Concen: 48.119 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

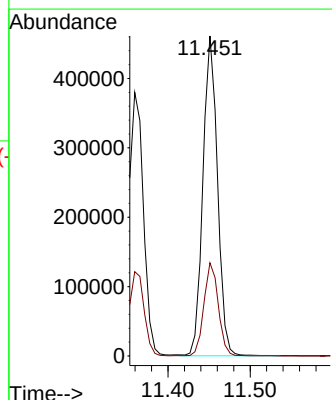
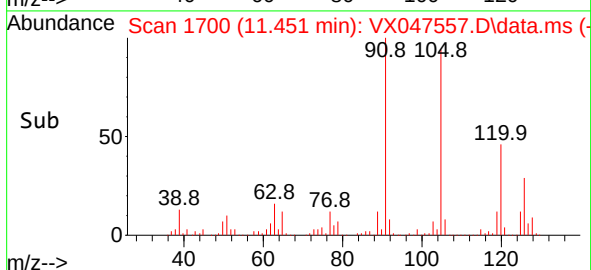
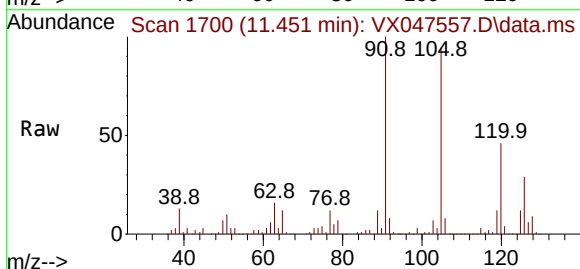
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

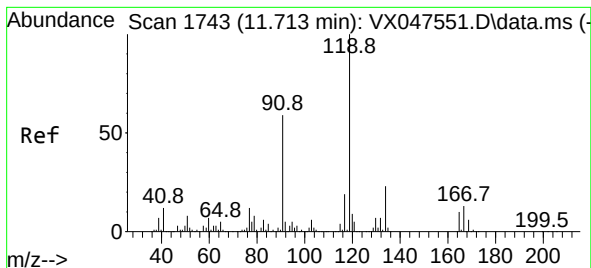
Tgt Ion: 75 Resp: 38064
Ion Ratio Lower Upper
75 100
53 102.5 85.7 128.5
89 46.0 36.4 54.6



#82
4-Chlorotoluene
Concen: 51.360 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Tgt Ion: 91 Resp: 566077
Ion Ratio Lower Upper
91 100
126 29.1 14.6 43.8





#83

tert-Butylbenzene

Concen: 52.314 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX047557.D

Acq: 29 Aug 2025 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

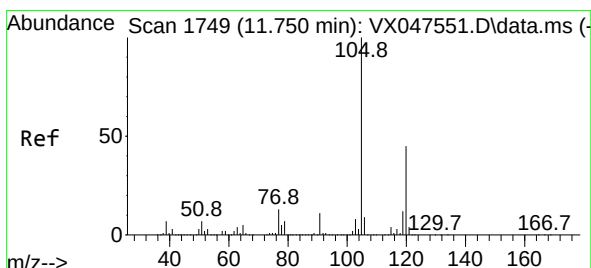
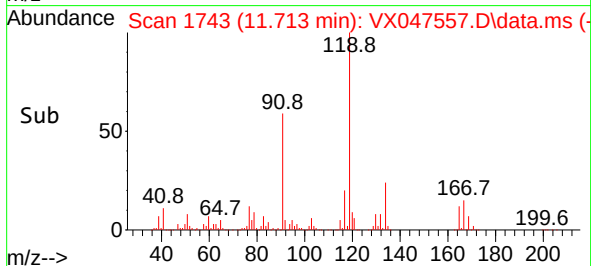
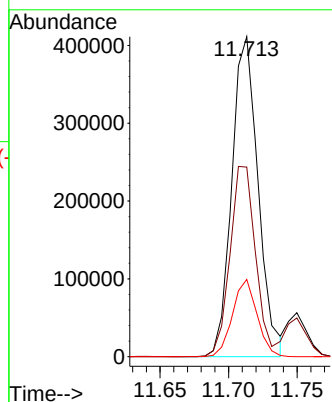
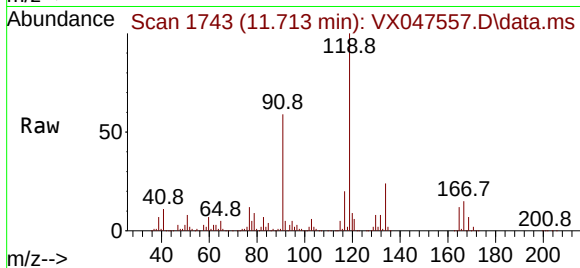
Tgt Ion:119 Resp: 548554

Ion Ratio Lower Upper

119 100

91 57.6 28.5 85.5

134 22.6 11.3 33.9



#84

1,2,4-Trimethylbenzene

Concen: 52.875 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX047557.D

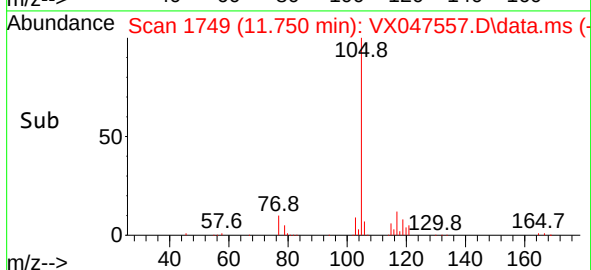
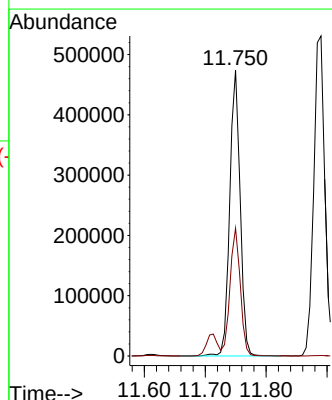
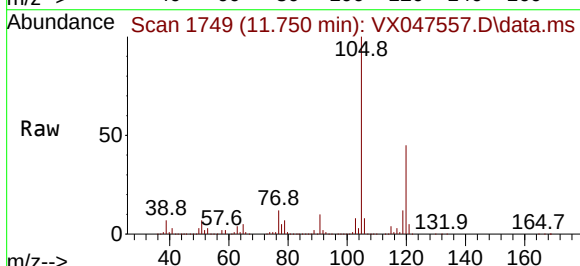
Acq: 29 Aug 2025 09:48

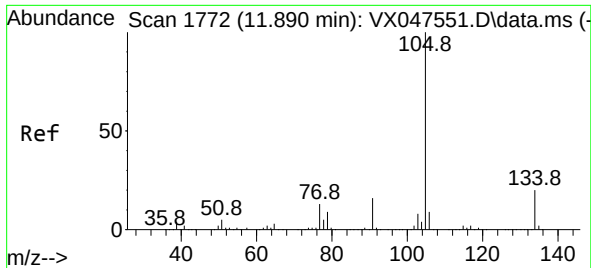
Tgt Ion:105 Resp: 560631

Ion Ratio Lower Upper

105 100

120 44.1 22.3 66.8

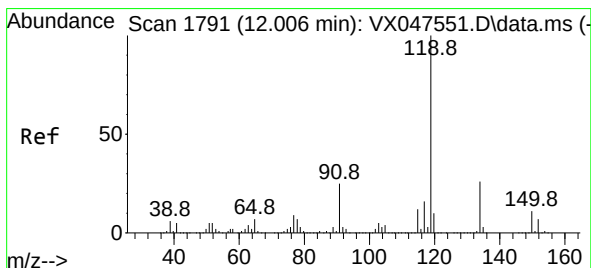
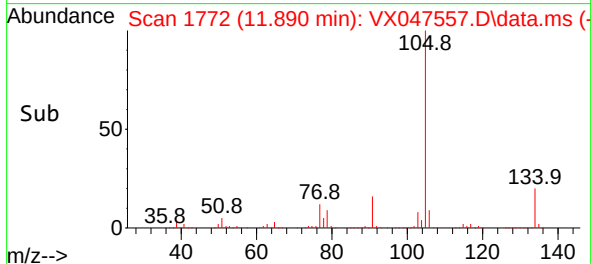
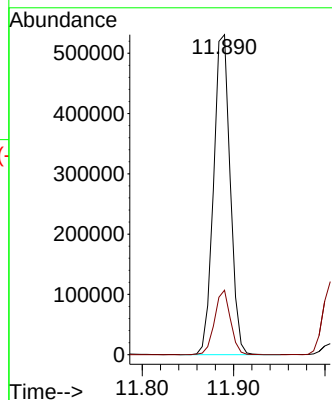
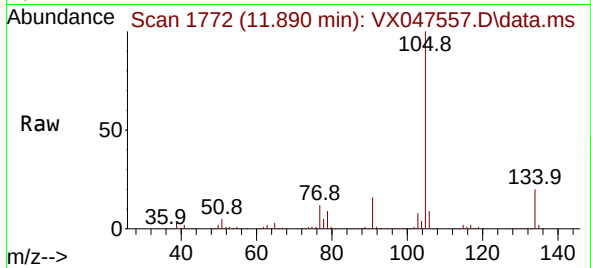




#85
sec-Butylbenzene
Concen: 53.143 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

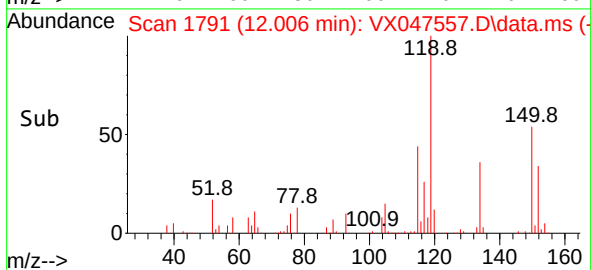
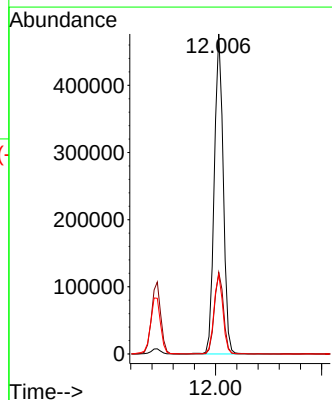
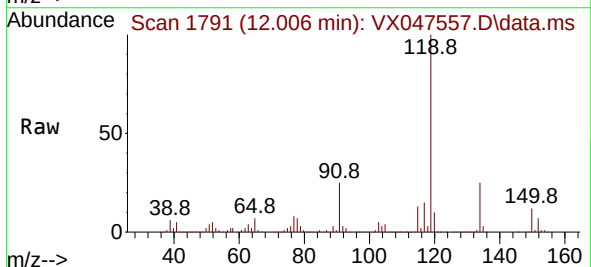
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

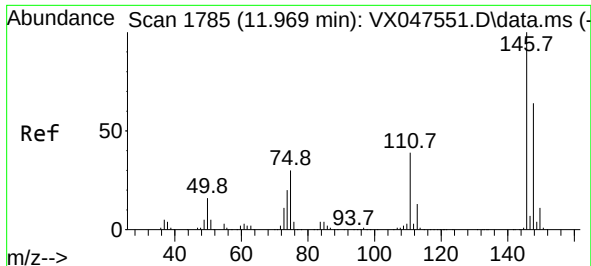
Tgt Ion:105 Resp: 670510
Ion Ratio Lower Upper
105 100
134 19.3 9.8 29.5



#86
p-Isopropyltoluene
Concen: 52.851 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Tgt Ion:119 Resp: 558964
Ion Ratio Lower Upper
119 100
134 25.9 13.0 38.9
91 24.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 51.247 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX047557.D

Acq: 29 Aug 2025 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

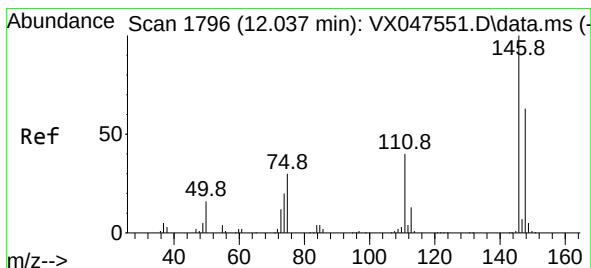
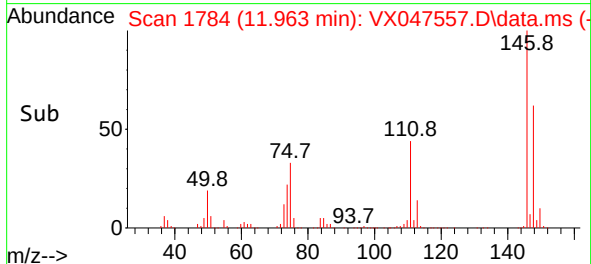
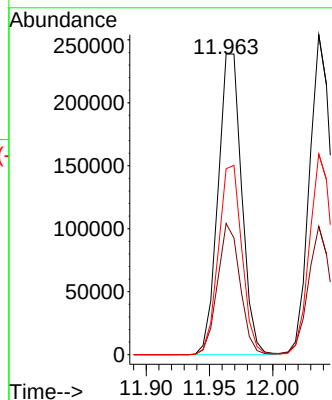
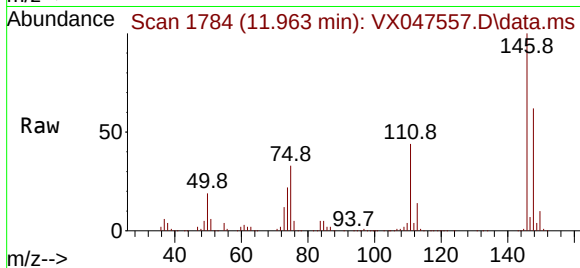
Tgt Ion:146 Resp: 310949

Ion Ratio Lower Upper

146 100

111 41.5 20.6 61.9

148 62.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 49.817 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX047557.D

Acq: 29 Aug 2025 09:48

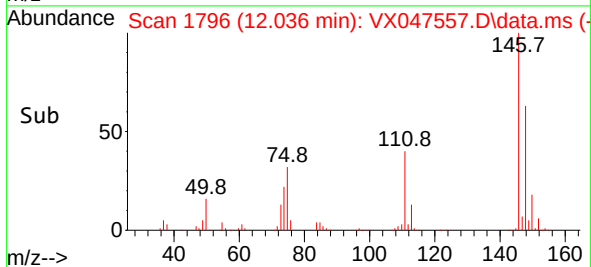
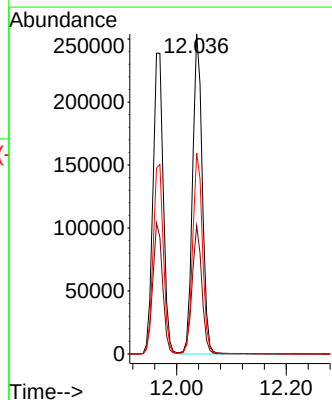
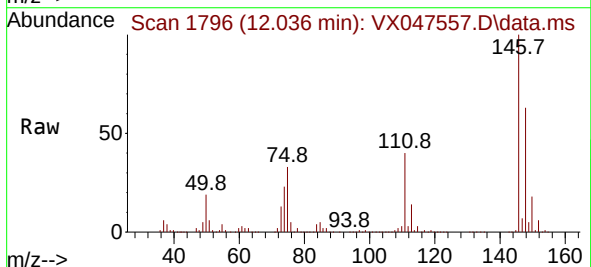
Tgt Ion:146 Resp: 312093

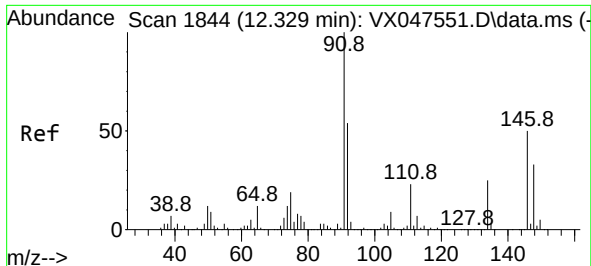
Ion Ratio Lower Upper

146 100

111 40.1 20.1 60.2

148 63.5 31.8 95.4





#89

n-Butylbenzene

Concen: 53.021 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX047557.D

Acq: 29 Aug 2025 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

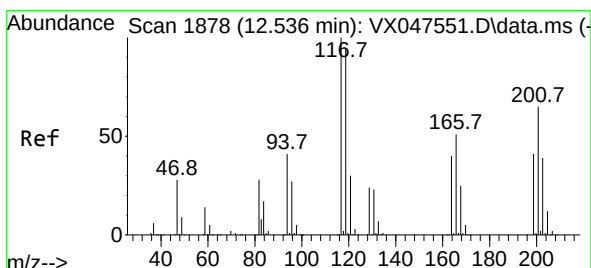
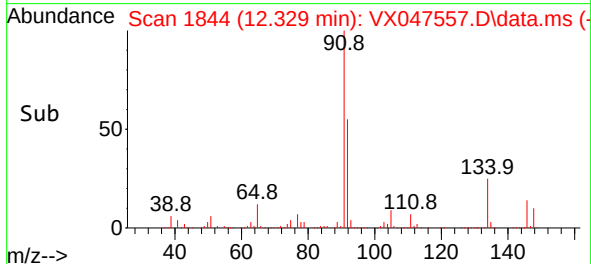
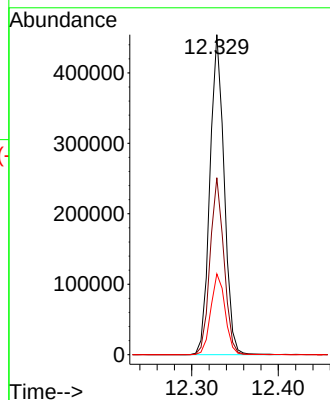
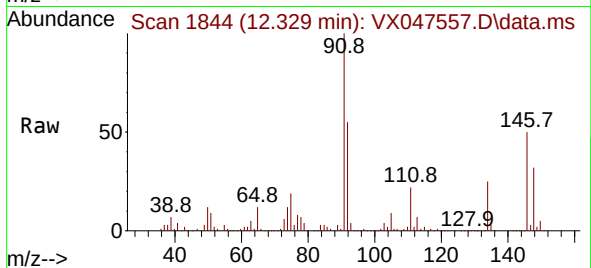
Tgt Ion: 91 Resp: 517564

Ion Ratio Lower Upper

91 100

92 54.0 27.0 81.0

134 25.5 12.6 37.6



#90

Hexachloroethane

Concen: 52.365 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX047557.D

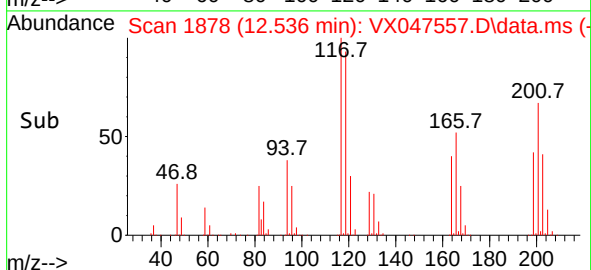
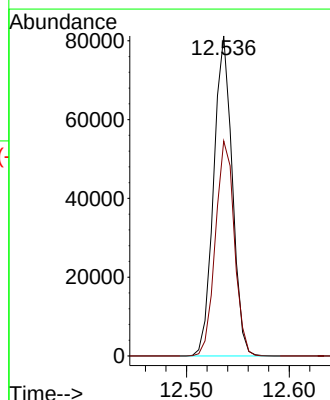
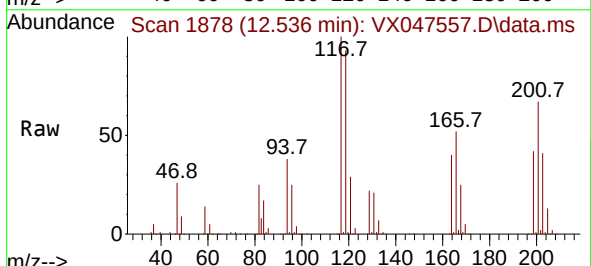
Acq: 29 Aug 2025 09:48

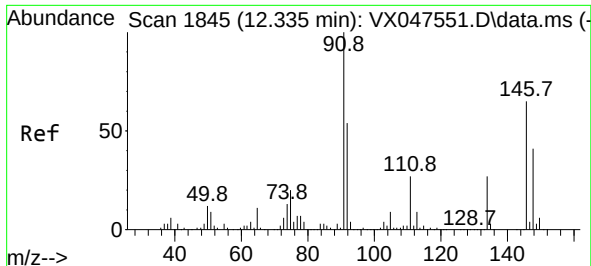
Tgt Ion: 117 Resp: 101804

Ion Ratio Lower Upper

117 100

201 68.6 33.7 101.1

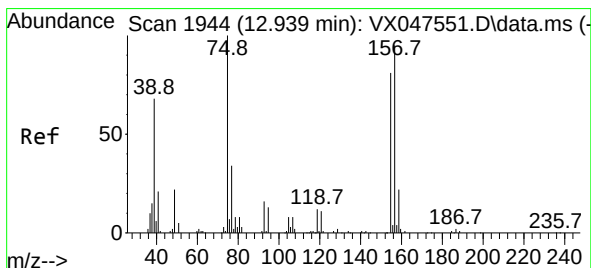
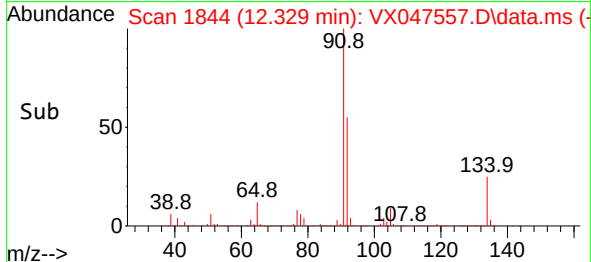
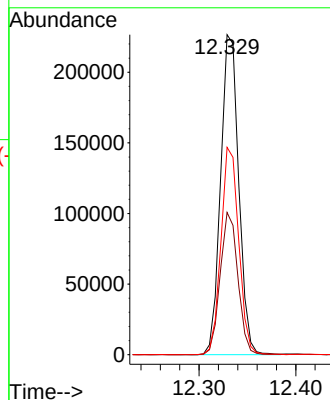
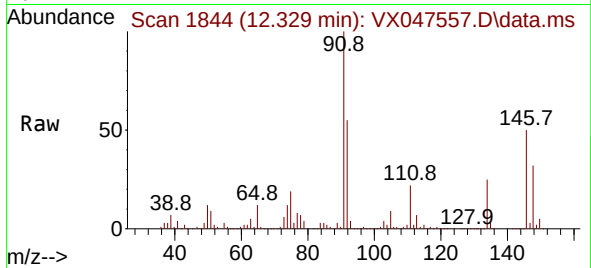




#91
 1,2-Dichlorobenzene
 Concen: 49.356 ug/l
 RT: 12.329 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: VX047557.D
 Acq: 29 Aug 2025 09:48

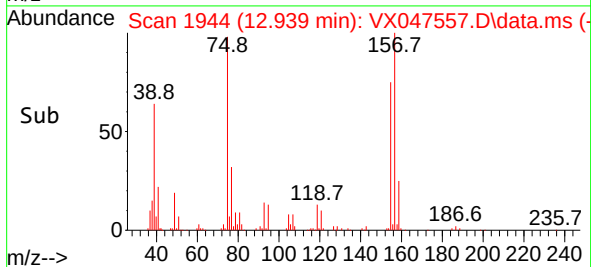
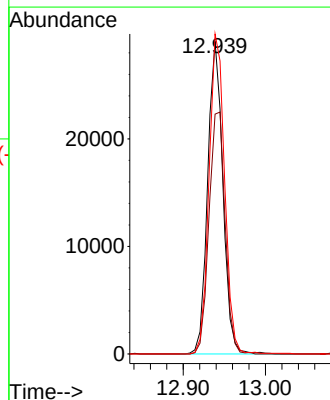
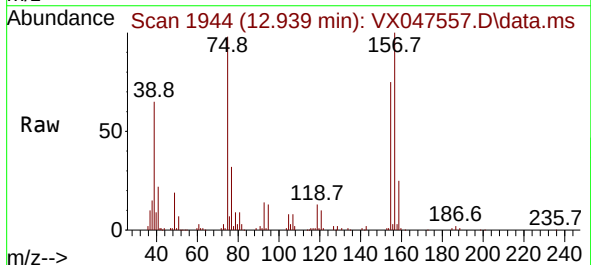
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

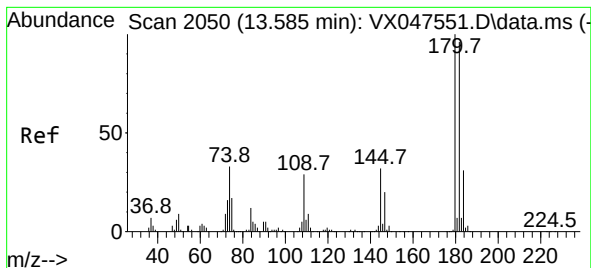
Tgt Ion:146 Resp: 293456
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.7 65.1
 148 63.8 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.323 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: VX047557.D
 Acq: 29 Aug 2025 09:48

Tgt Ion: 75 Resp: 37329
 Ion Ratio Lower Upper
 75 100
 155 82.0 41.9 125.6
 157 104.7 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 51.479 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX047557.D

Acq: 29 Aug 2025 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

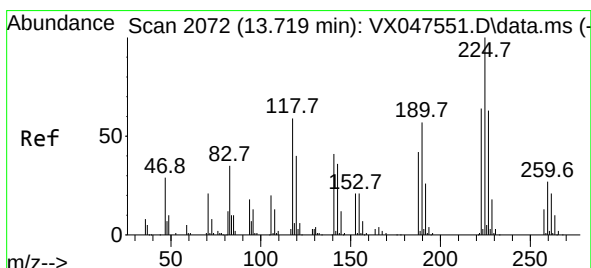
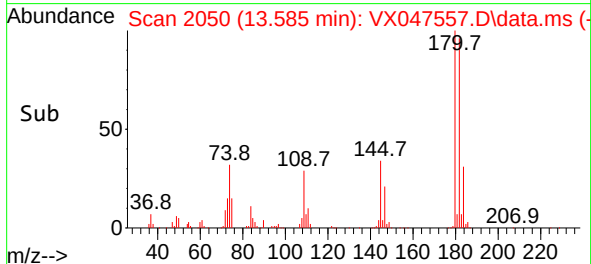
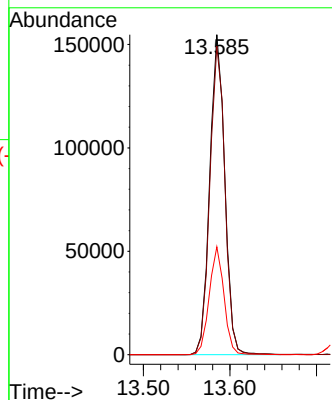
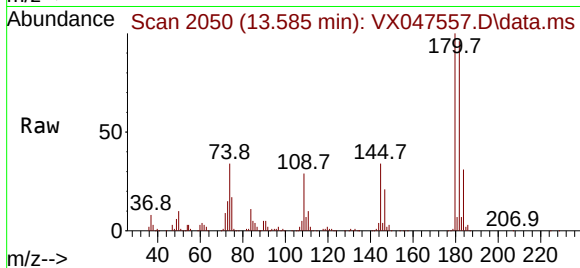
Tgt Ion:180 Resp: 186577

Ion Ratio Lower Upper

180 100

182 97.0 47.7 143.1

145 33.1 16.3 48.8



#94

Hexachlorobutadiene

Concen: 50.401 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX047557.D

Acq: 29 Aug 2025 09:48

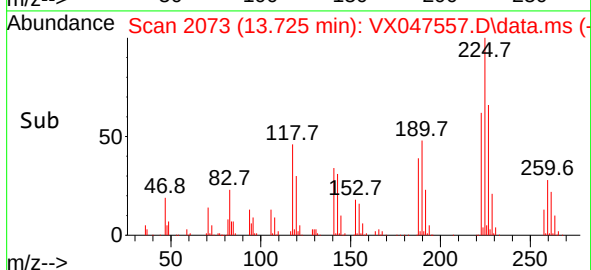
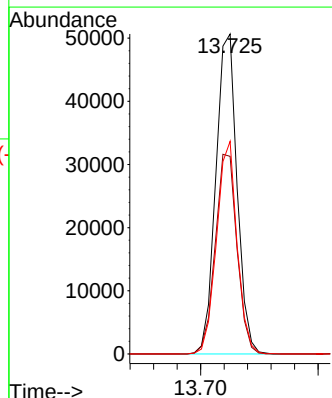
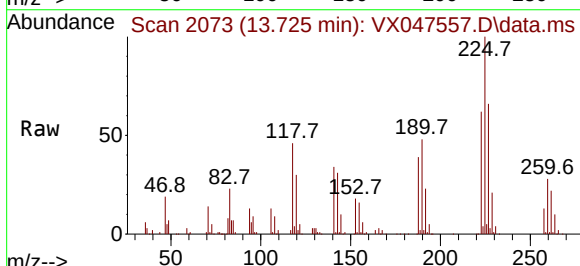
Tgt Ion:225 Resp: 63491

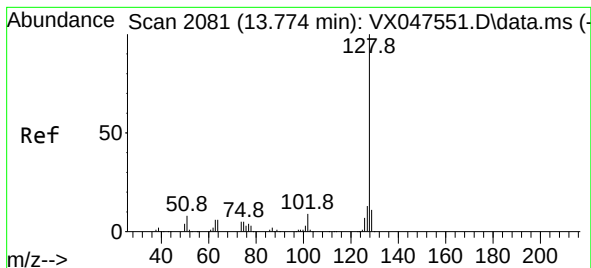
Ion Ratio Lower Upper

225 100

223 64.2 31.1 93.5

227 64.1 31.8 95.3

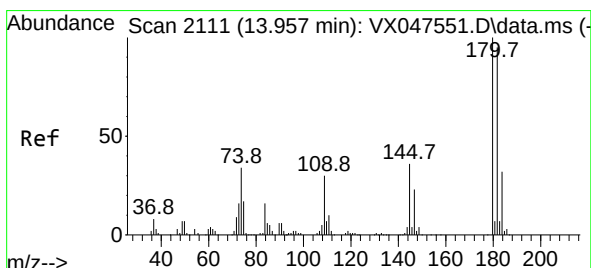
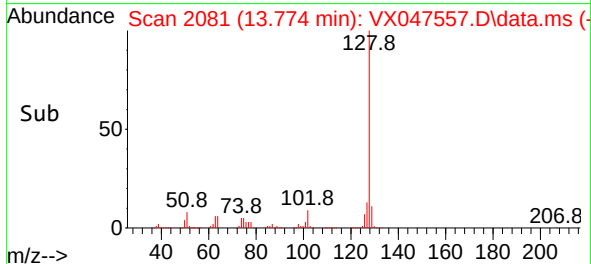
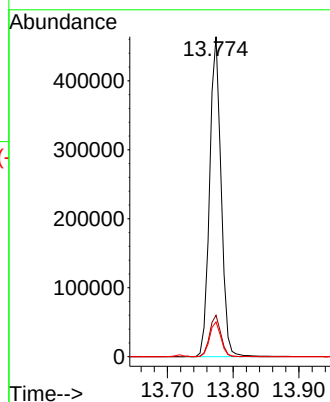
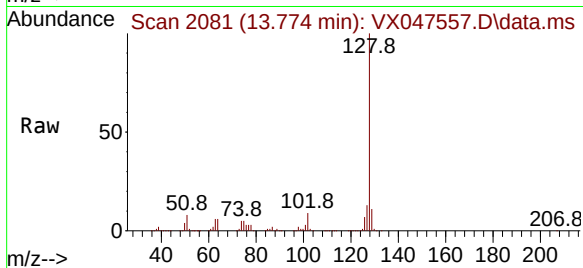




#95
Naphthalene
Concen: 53.081 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 562357
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.258 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX047557.D
Acq: 29 Aug 2025 09:48

Tgt Ion:180 Resp: 177906
Ion Ratio Lower Upper
180 100
182 93.5 48.1 144.4
145 34.0 17.6 52.9

