

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
 Data File : VX047562.D
 Acq On : 29 Aug 2025 11:49
 Operator : JC/MD
 Sample : Q2977-01 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33125

Quant Time: Aug 29 23:52:48 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	5.568	168	171778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	339124	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	336127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	163209	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	137874	52.266	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.540%	
35) Dibromofluoromethane	5.404	113	118015	50.704	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.400%	
50) Toluene-d8	8.653	98	421370	51.649	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.300%	
62) 4-Bromofluorobenzene	11.079	95	174434	56.913	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.820%	

Target Compounds			Qvalue			
3) Chloromethane	1.319	50	803	0.391	ug/l #	76
5) Bromomethane	1.642	94	881	0.843	ug/l	94
6) Chloroethane	1.752	64	401	0.261	ug/l #	40
10) Methyl Iodide	2.477	142	7768	2.294	ug/l	97
11) Tert butyl alcohol	2.965	59	805	3.320	ug/l #	73
13) Acrolein	2.258	56	256	0.527	ug/l #	1
15) Acrylonitrile	3.105	53	498	0.459	ug/l #	60
16) Acetone	2.392	43	7774	7.441	ug/l	96
17) Carbon Disulfide	2.538	76	4383	0.679	ug/l	100
20) Methylene Chloride	2.813	84	1202	0.452	ug/l	92
31) Cyclohexane	5.489	56	4395	1.185	ug/l #	89
36) 1,1-Dichloropropene	5.556	75	14186	4.283	ug/l #	50
38) Carbon Tetrachloride	5.562	117	18229	4.960	ug/l #	17
39) Methylcyclohexane	7.385	83	10772	2.820	ug/l	97
40) Benzene	6.050	78	66918	6.328	ug/l	98
48) Methyl methacrylate	7.665	41	1188	0.440	ug/l #	81
49) 1,4-Dioxane	7.684	88	20	0.749	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	1544	0.498	ug/l #	86
52) Toluene	8.720	92	417847	64.836	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.281	63	49	Below Cal	#	47
59) 2-Hexanone	9.470	43	1021	0.482	ug/l	69
67) Ethyl Benzene	10.189	91	395196	29.888	ug/l	100
68) m/p-Xylenes	10.299	106	467325	95.158	ug/l	99
69) o-Xylene	10.640	106	271446	57.377	ug/l	99
70) Styrene	10.640	104	14819	1.805	ug/l #	1
73) Isopropylbenzene	10.964	105	62856	5.234	ug/l	97
74) N-amyl acetate	10.854	43	1348	0.272	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.214	83	1859	0.490	ug/l #	25
76) 1,2,3-Trichloropropane	11.378	75	6425	2.206	ug/l #	1
78) n-propylbenzene	11.305	91	168657	11.795	ug/l	99
79) 2-Chlorotoluene	11.378	91	87570	9.876	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.451	105	202950	20.668	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	90578	109.439	ug/l #	8
82) 4-Chlorotoluene	11.451	91	24767	2.380	ug/l #	51
83) tert-Butylbenzene	11.750	119	101344	10.238	ug/l #	57
84) 1,2,4-Trimethylbenzene	11.750	105	835841	83.506	ug/l	100

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

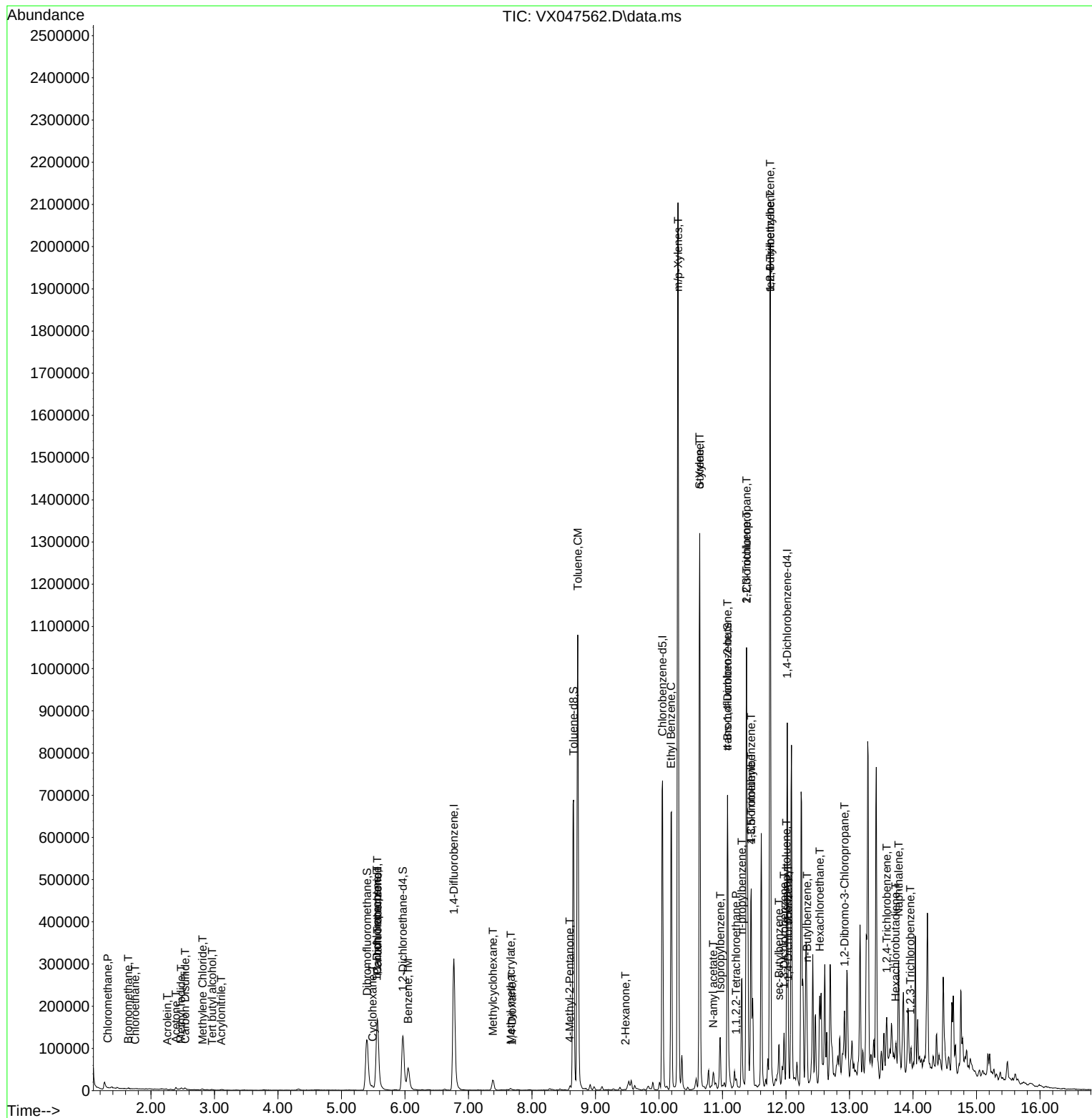
85) sec-Butylbenzene	11.890	105	39911	3.351	ug/l	92
86) p-Isopropyltoluene	12.006	119	24715	2.475	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	1896	0.331	ug/l	82
88) 1,4-Dichlorobenzene	12.037	146	1779	0.301	ug/l #	1
89) n-Butylbenzene	12.329	91	64290	6.977	ug/l #	50
90) Hexachloroethane	12.530	117	9076	4.945	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	12.921	75	528	0.754	ug/l #	3
93) 1,2,4-Trichlorobenzene	13.585	180	3745	1.095	ug/l #	50
94) Hexachlorobutadiene	13.725	225	2762	2.323	ug/l	95
95) Naphthalene	13.774	128	149695	14.968	ug/l	98
96) 1,2,3-Trichlorobenzene	13.957	180	3799	1.182	ug/l #	53

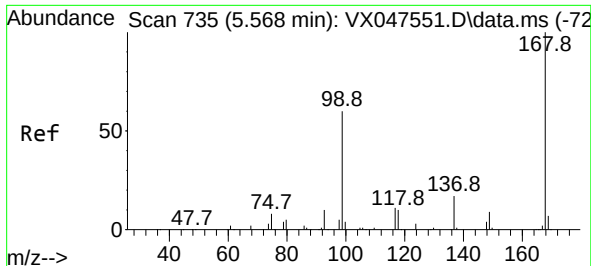
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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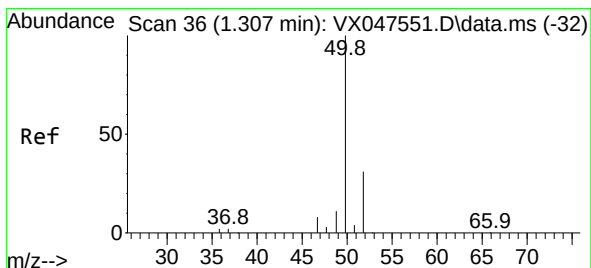
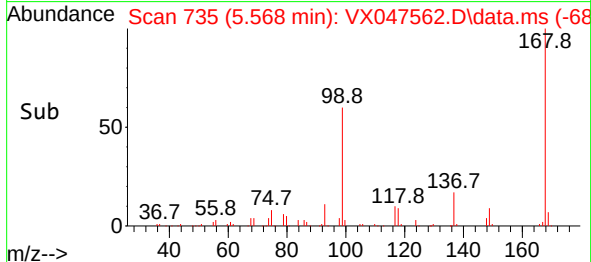
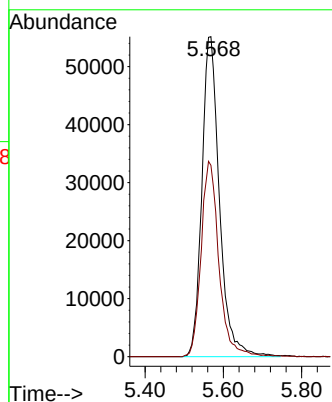
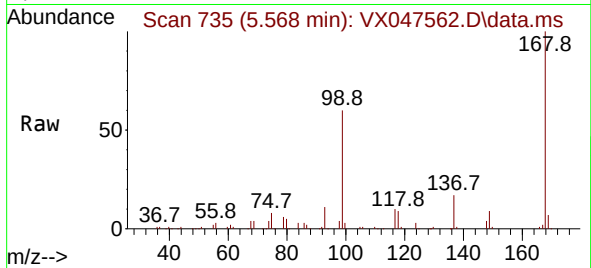




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047562.D
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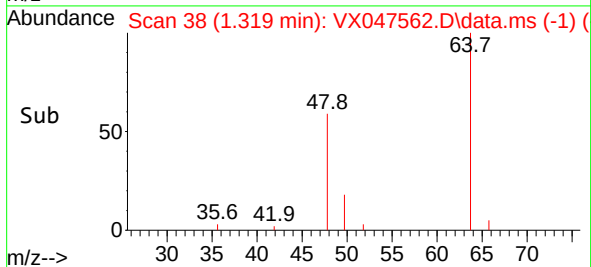
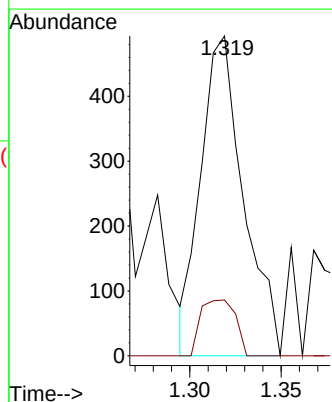
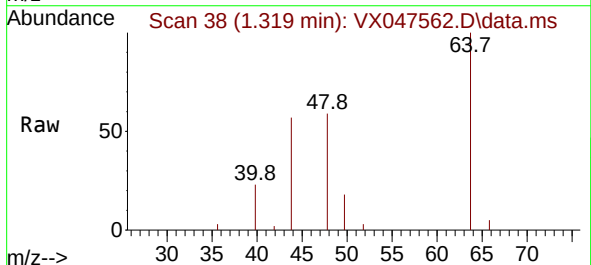
Instrument :
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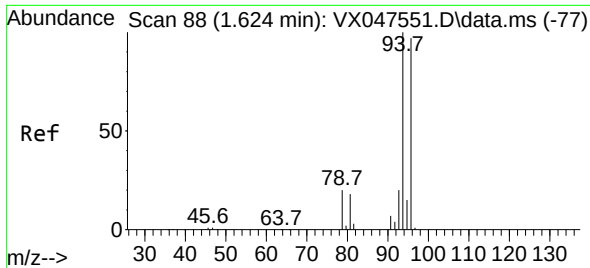
Tgt Ion:168 Resp: 171778
Ion Ratio Lower Upper
168 100
99 59.8 48.9 73.3



#3
Chloromethane
Concen: 0.391 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.012 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

Tgt Ion: 50 Resp: 803
Ion Ratio Lower Upper
50 100
52 17.4 24.6 37.0

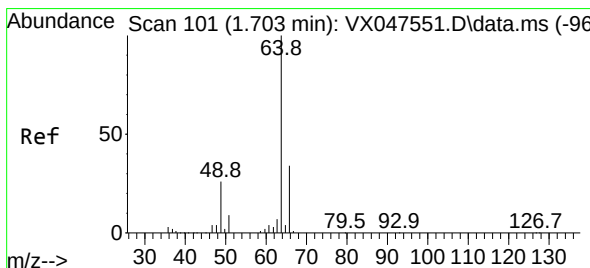
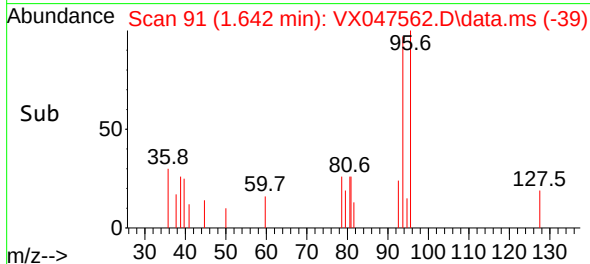
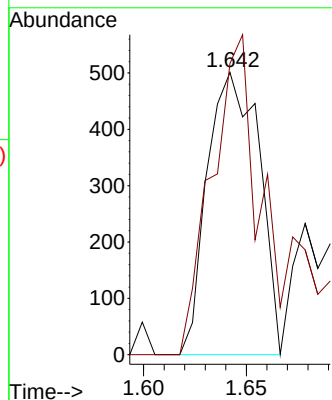
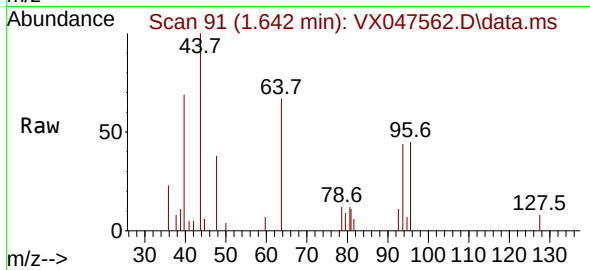




#5
Bromomethane
Concen: 0.843 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

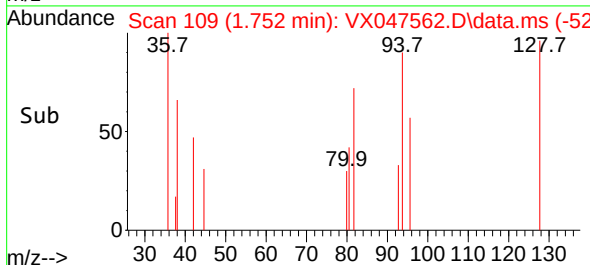
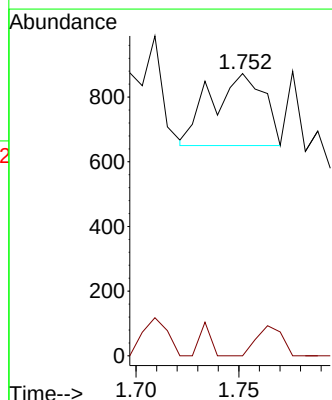
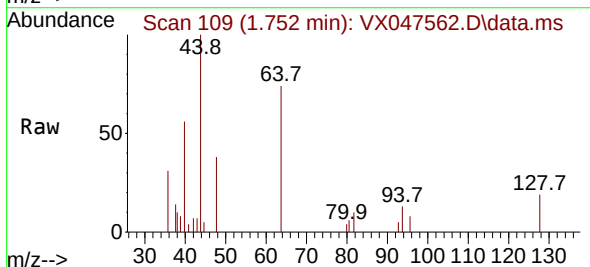
Instrument :
MSVOA_X
ClientSampleId :
33125

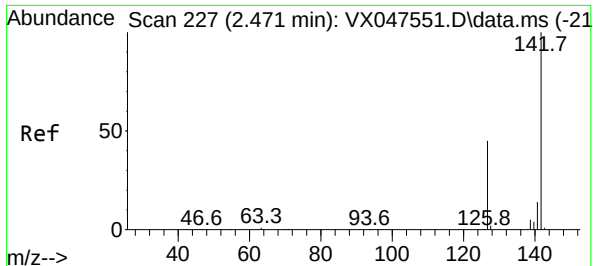
Tgt Ion: 94 Resp: 881
Ion Ratio Lower Upper
94 100
96 103.2 77.7 116.5



#6
Chloroethane
Concen: 0.261 ug/l
RT: 1.752 min Scan# 109
Delta R.T. 0.049 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

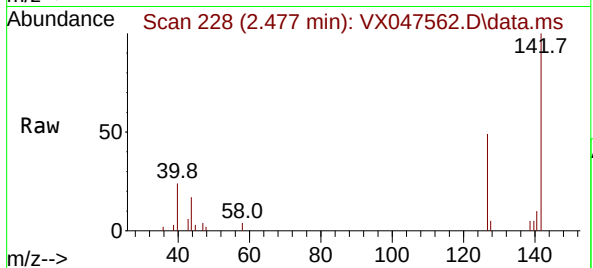
Tgt Ion: 64 Resp: 401
Ion Ratio Lower Upper
64 100
66 0.0 27.4 41.2#



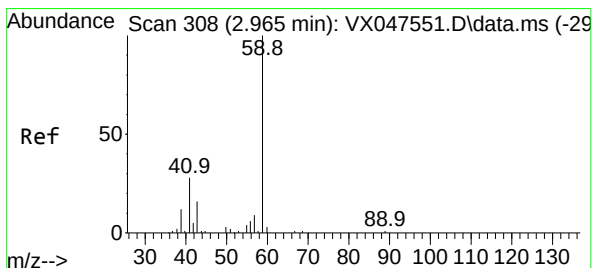
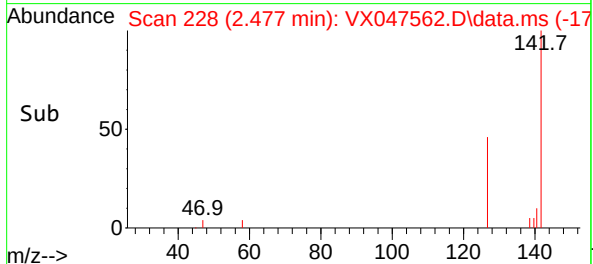
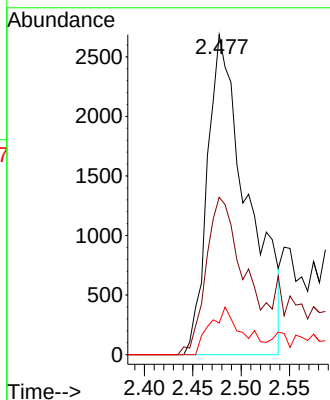


#10
Methyl Iodide
Concen: 2.294 ug/l
RT: 2.477 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

Instrument :
MSVOA_X
ClientSampleId :
33125

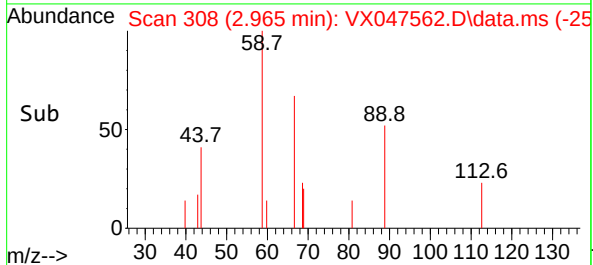
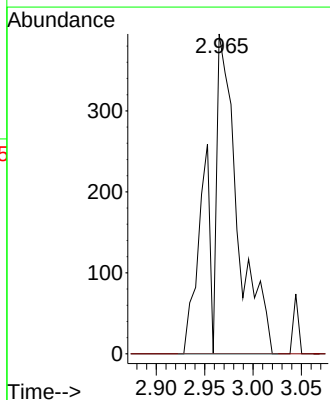
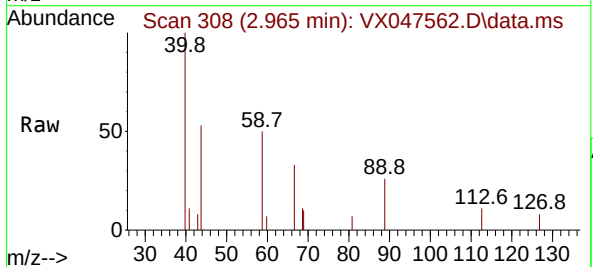


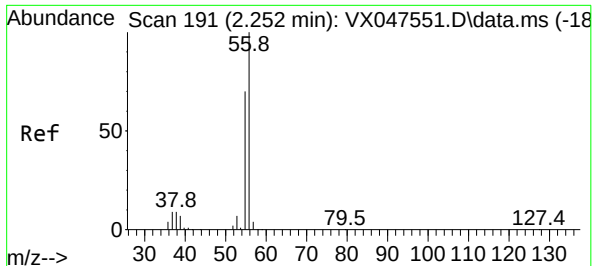
Tgt Ion:	142	Resp:	7768
Ion	Ratio	Lower	Upper
142	100		
127	44.9	37.6	56.4
141	12.2	10.6	16.0



#11
Tert butyl alcohol
Concen: 3.320 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.000 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

Tgt Ion:	59	Resp:	805
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9

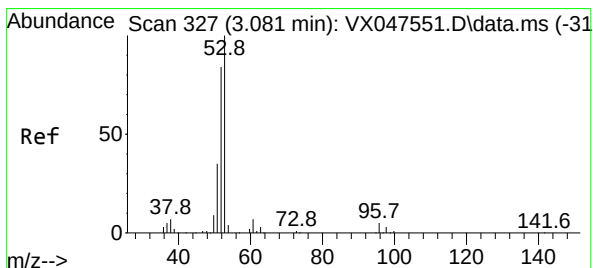
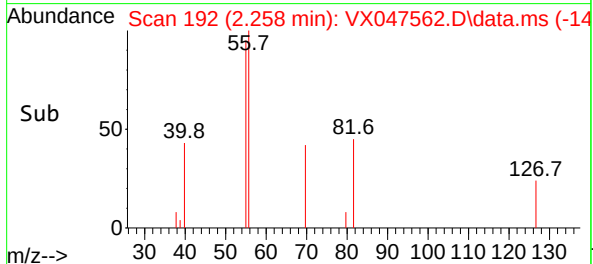
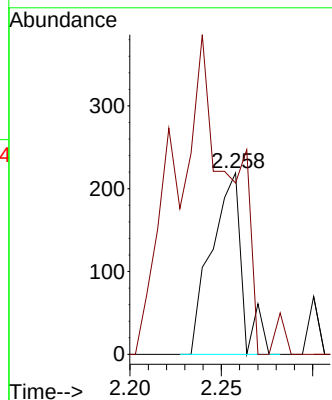
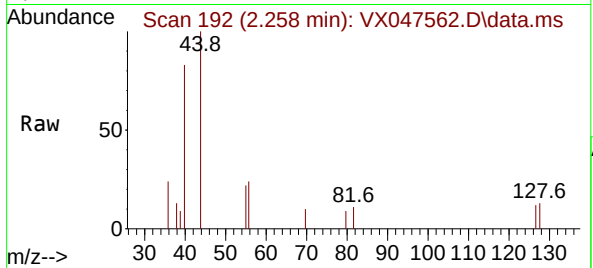




#13
Acrolein
Concen: 0.527 ug/l
RT: 2.258 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

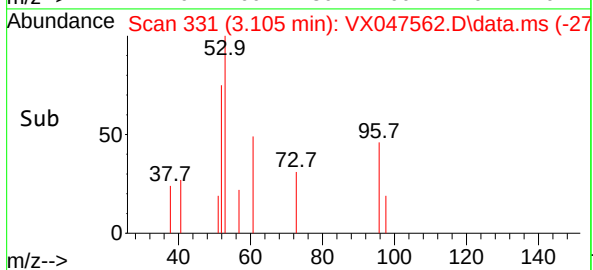
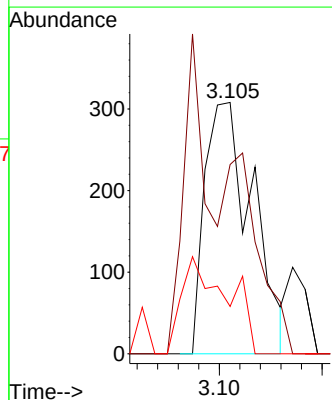
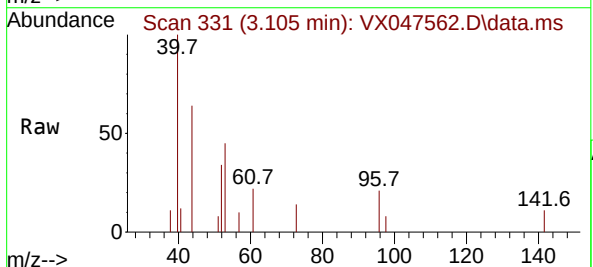
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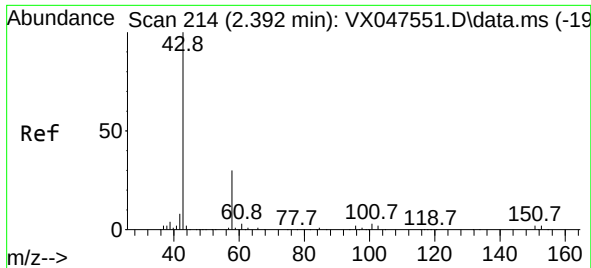
Tgt Ion: 56 Resp: 256
Ion Ratio Lower Upper
56 100
55 313.7 57.0 85.6#



#15
Acrylonitrile
Concen: 0.459 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.024 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

Tgt Ion: 53 Resp: 498
Ion Ratio Lower Upper
53 100
52 56.0 66.2 99.4#
51 0.0 29.4 44.0#

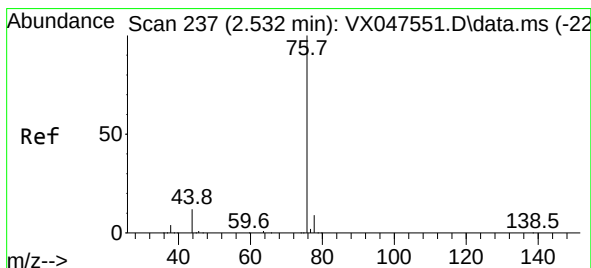
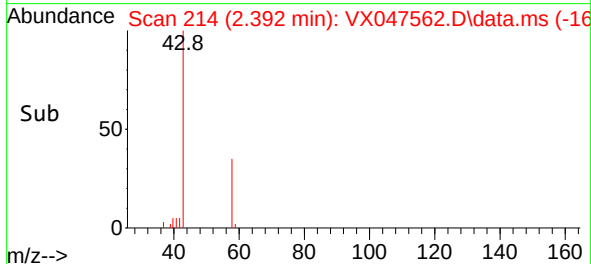
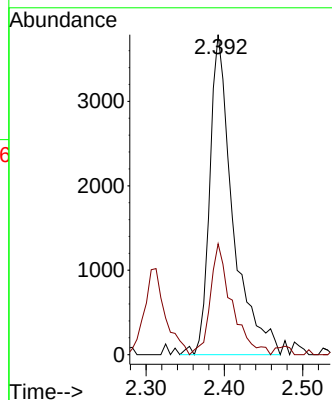
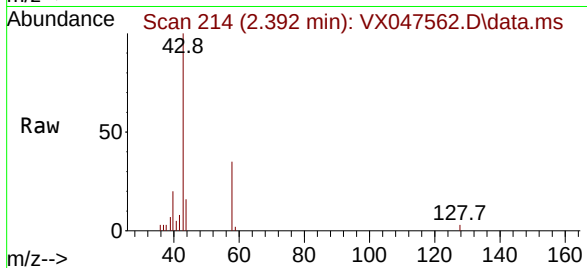




#16
Acetone
Concen: 7.441 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047562.D
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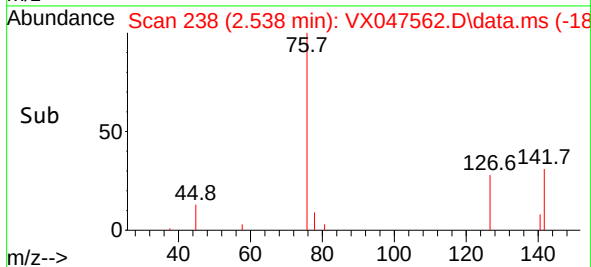
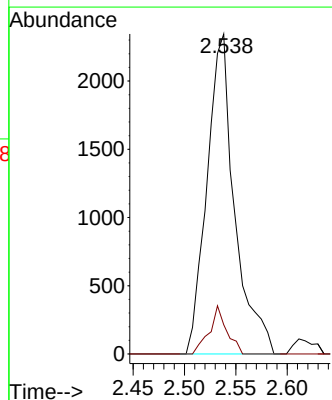
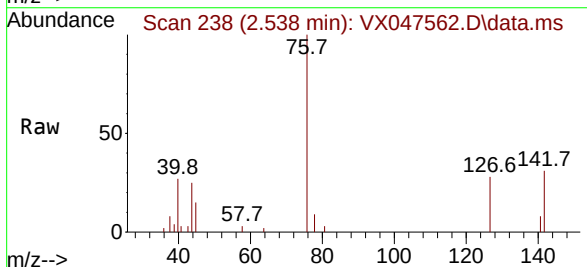
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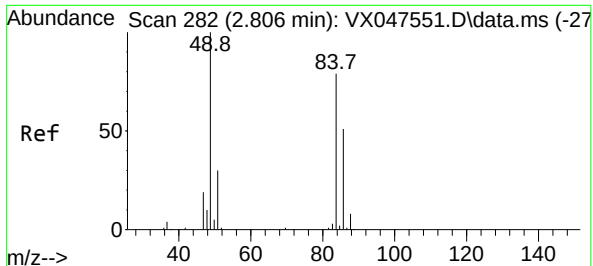
Tgt Ion: 43 Resp: 7774
Ion Ratio Lower Upper
43 100
58 28.0 24.2 36.2



#17
Carbon Disulfide
Concen: 0.679 ug/l
RT: 2.538 min Scan# 238
Delta R.T. 0.006 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

Tgt Ion: 76 Resp: 4383
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

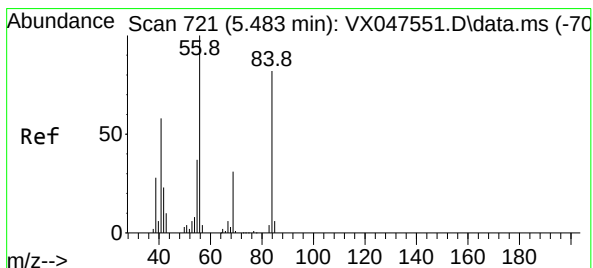
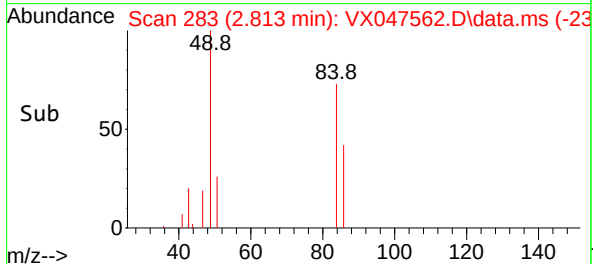
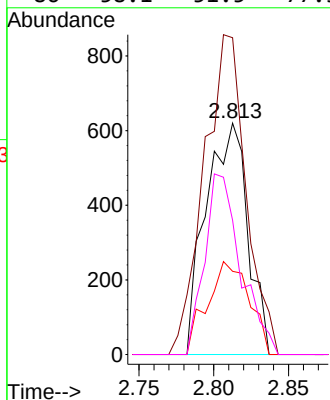
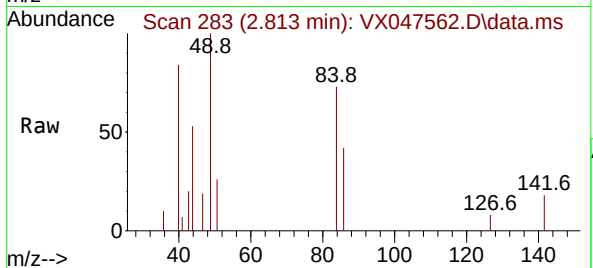




#20
Methylene Chloride
Concen: 0.452 ug/l
RT: 2.813 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

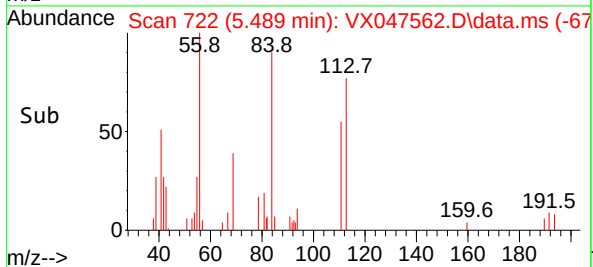
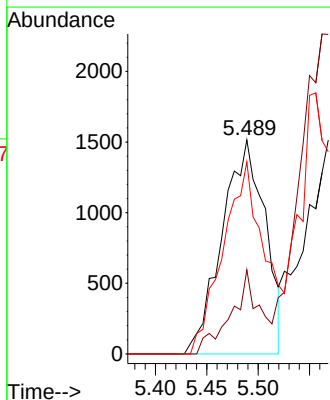
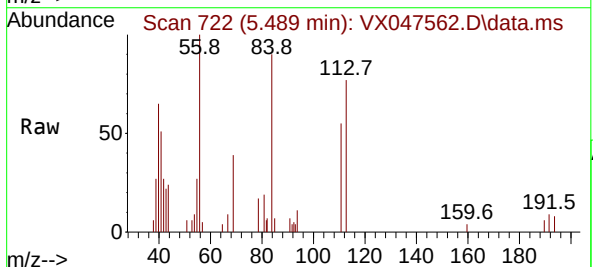
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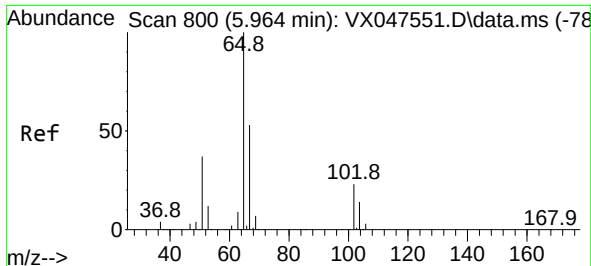
Tgt Ion:	84	Resp:	1202
Ion	Ratio	Lower	Upper
84	100		
49	136.9	101.4	152.2
51	36.0	30.6	46.0
86	58.1	51.5	77.3



#31
Cyclohexane
Concen: 1.185 ug/l
RT: 5.489 min Scan# 722
Delta R.T. 0.006 min
Lab File: VX047562.D
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Tgt Ion:	56	Resp:	4395
Ion	Ratio	Lower	Upper
56	100		
69	39.3	24.2	36.2#
84	89.8	65.5	98.3

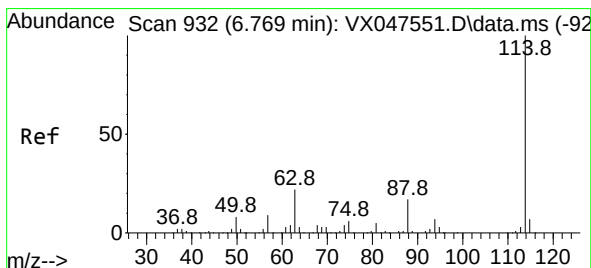
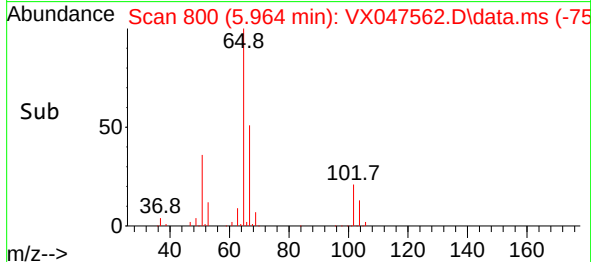
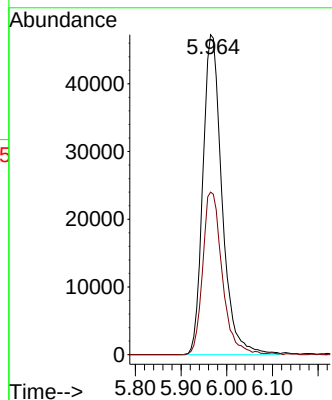
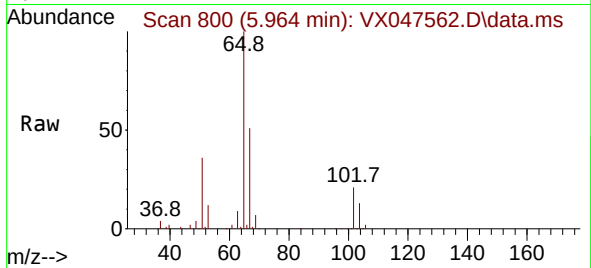




#33
1,2-Dichloroethane-d4
Concen: 52.266 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

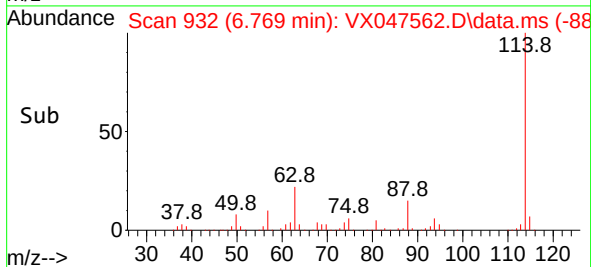
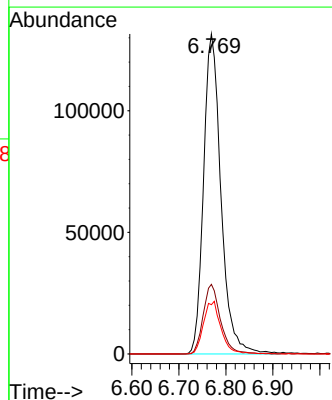
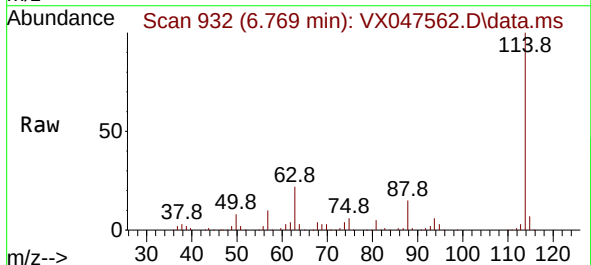
Instrument :
MSVOA_X
ClientSampleId :
33125

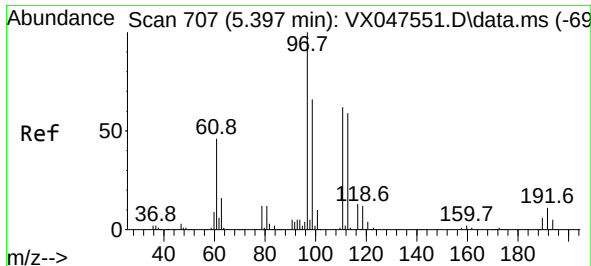
Tgt Ion: 65 Resp: 137874
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

Tgt Ion: 114 Resp: 339124
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.6
88 15.4 0.0 33.2

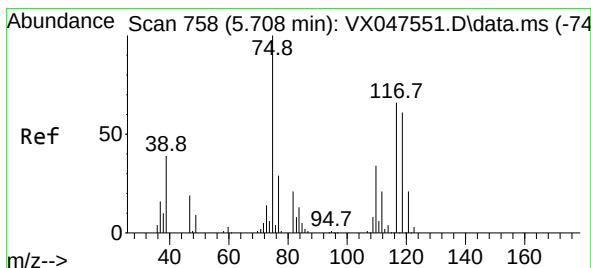
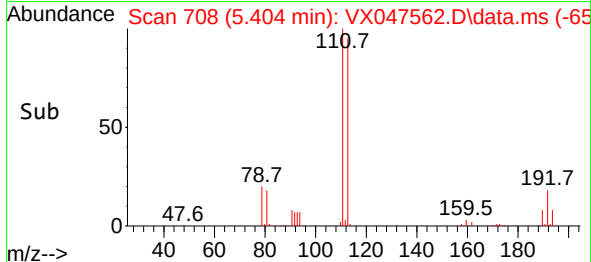
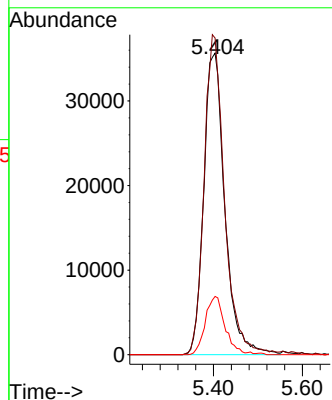
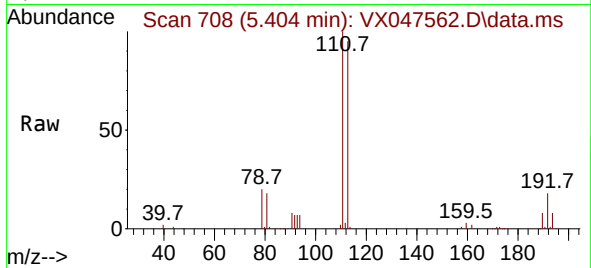




#35
Dibromofluoromethane
Concen: 50.704 ug/l
RT: 5.404 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

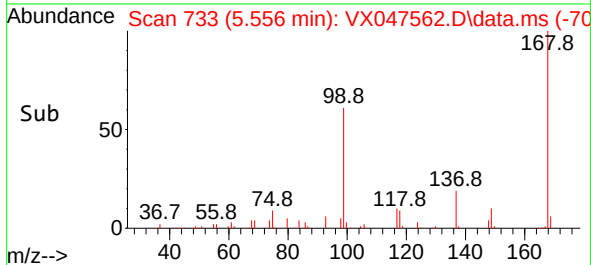
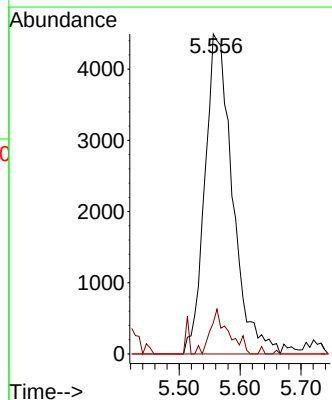
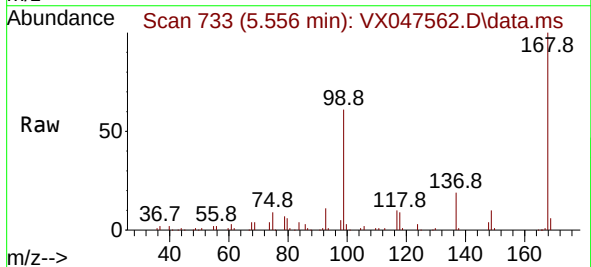
Instrument :
MSVOA_X
ClientSampleId :
33125

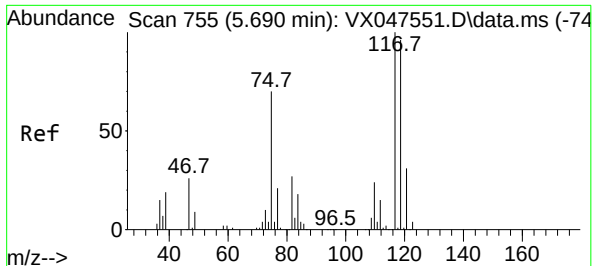
Tgt Ion:113 Resp: 118015
Ion Ratio Lower Upper
113 100
111 102.5 81.2 121.8
192 18.1 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.283 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.152 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

Tgt Ion: 75 Resp: 14186
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.3#
77 0.0 25.0 37.6#

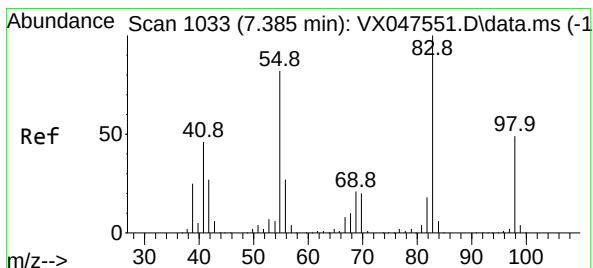
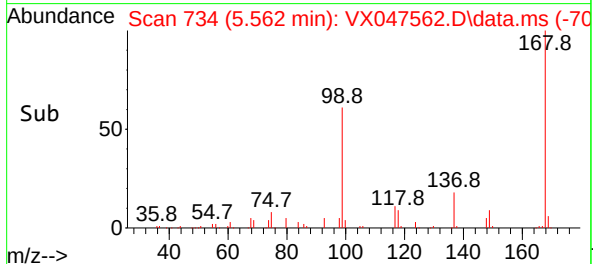
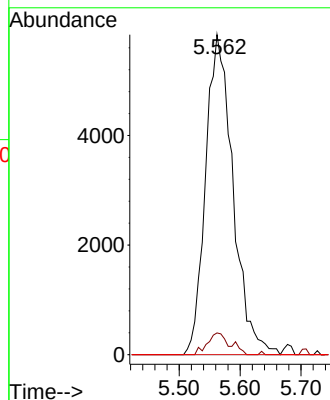
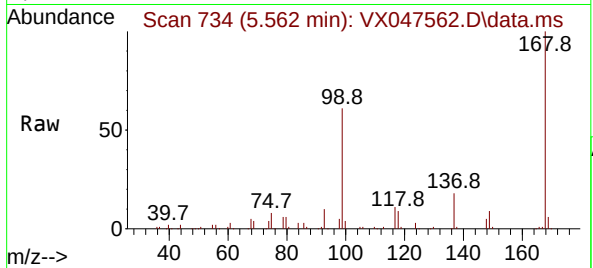




#38
Carbon Tetrachloride
Concen: 4.960 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

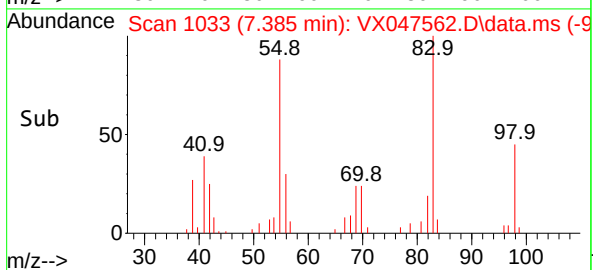
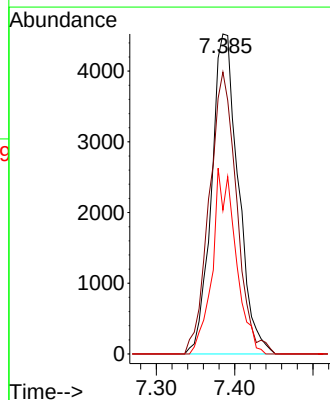
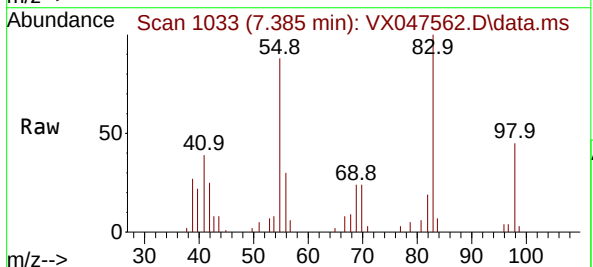
Instrument :
MSVOA_X
ClientSampleId :
33125

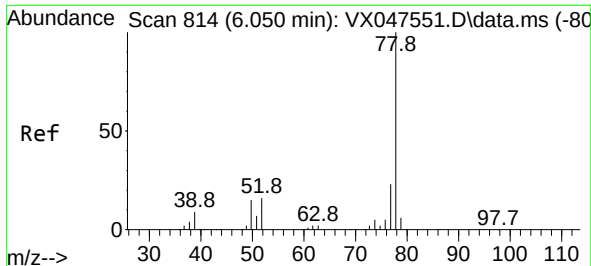
Tgt Ion:117 Resp: 18229
Ion Ratio Lower Upper
117 100
119 6.8 76.4 114.6#
121 0.0 24.9 37.3#



#39
Methylcyclohexane
Concen: 2.820 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

Tgt Ion: 83 Resp: 10772
Ion Ratio Lower Upper
83 100
55 82.3 65.4 98.2
98 44.5 39.0 58.4





#40

Benzene

Concen: 6.328 ug/l

RT: 6.050 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX047562.D

Acq: 29 Aug 2025 11:49

Instrument :

MSVOA_X

ClientSampleId :

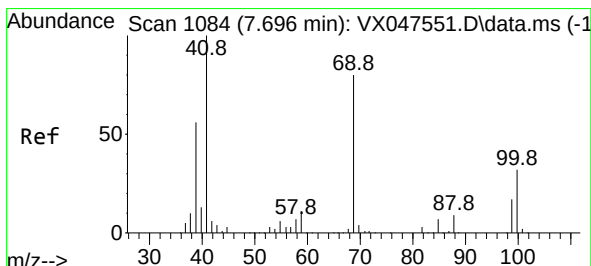
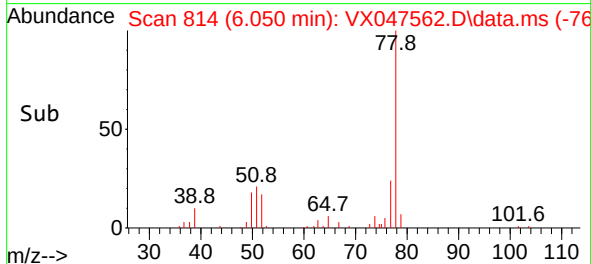
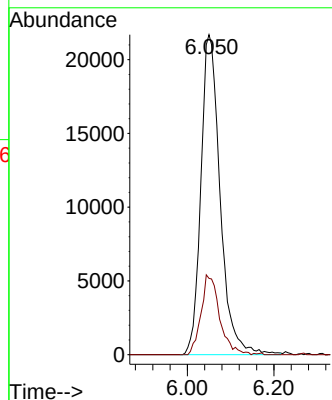
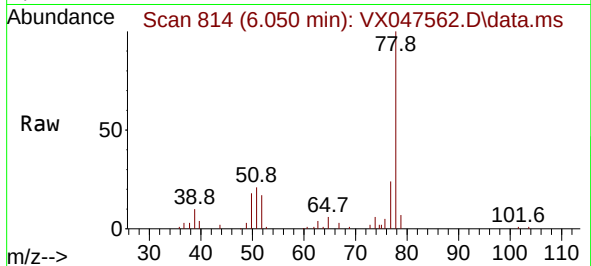
33125

Tgt Ion: 78 Resp: 66918

Ion Ratio Lower Upper

78 100

77 23.8 18.5 27.7



#48

Methyl methacrylate

Concen: 0.440 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. -0.030 min

Lab File: VX047562.D

Acq: 29 Aug 2025 11:49

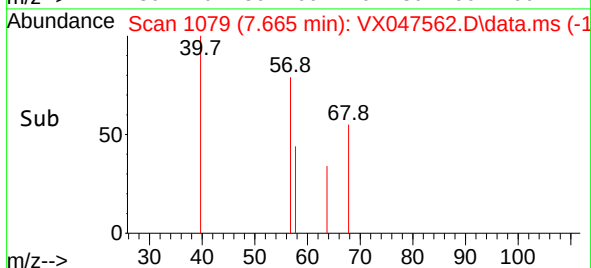
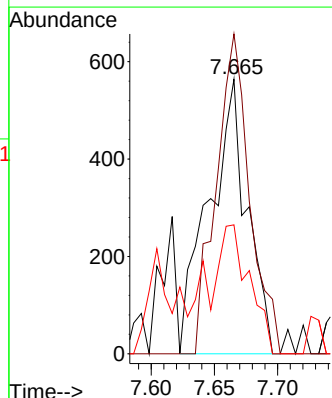
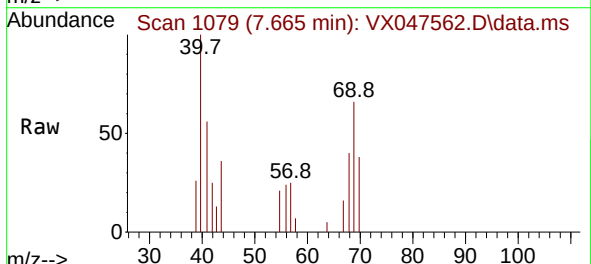
Tgt Ion: 41 Resp: 1188

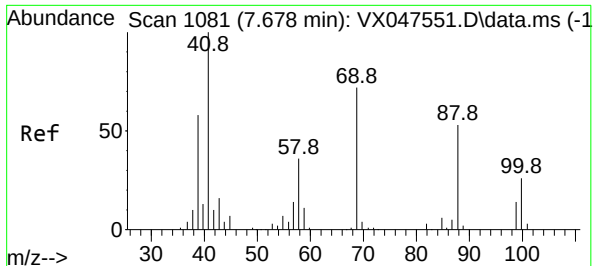
Ion Ratio Lower Upper

41 100

69 102.1 63.4 95.2#

39 49.5 44.7 67.1





#49

1,4-Dioxane

Concen: 0.749 ug/l

RT: 7.684 min Scan# 1081

Delta R.T. 0.006 min

Lab File: VX047562.D

Acq: 29 Aug 2025 11:49

Instrument :

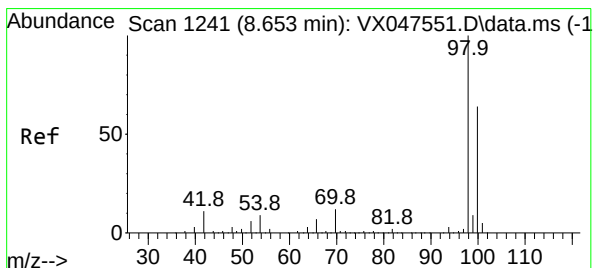
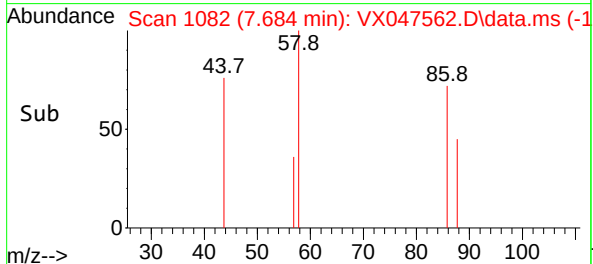
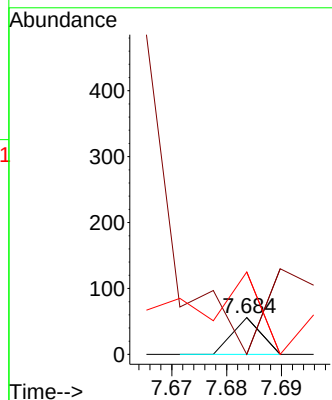
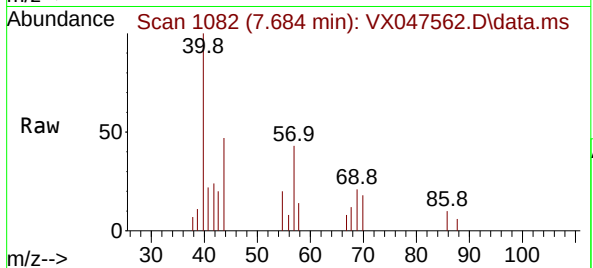
MSVOA_X

ClientSampleId :

33125

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	1680.0	31.9	47.9#
58	710.0	57.5	86.3#



#50

Toluene-d8

Concen: 51.649 ug/l

RT: 8.653 min Scan# 1241

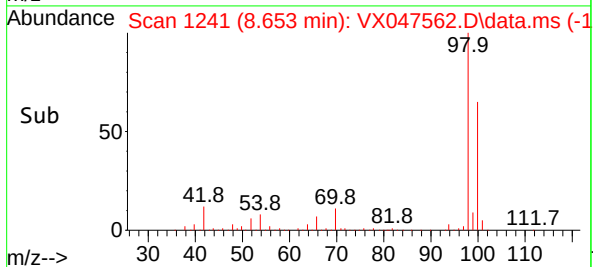
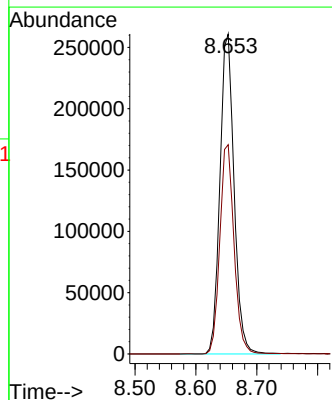
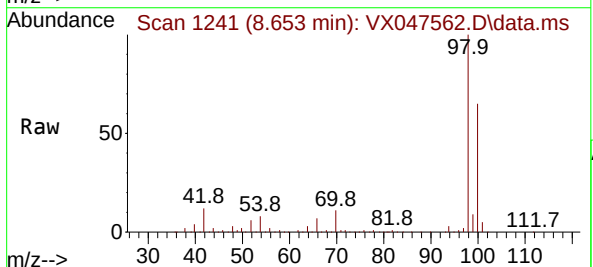
Delta R.T. 0.000 min

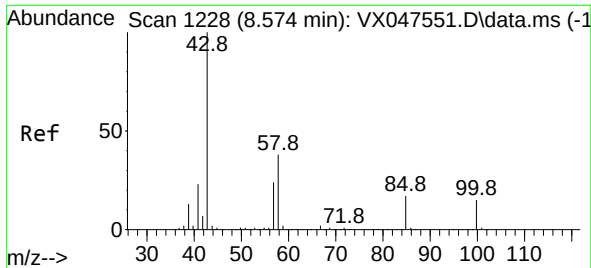
Lab File: VX047562.D

Acq: 29 Aug 2025 11:49

Tgt Ion: 98 Resp: 421370

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.5	80.3

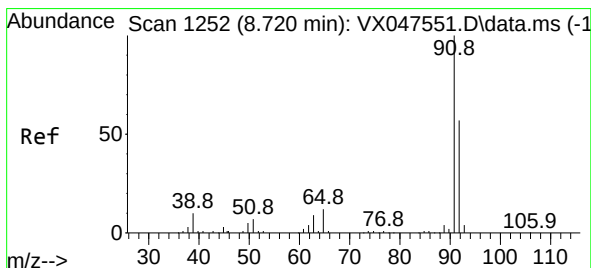
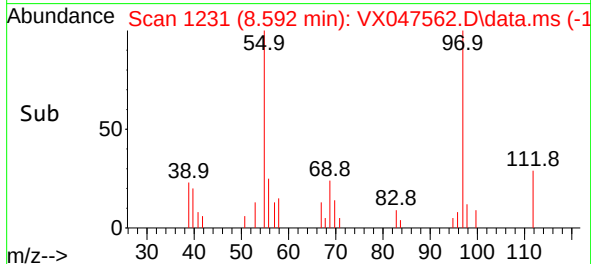
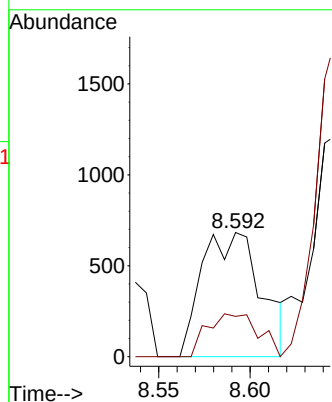
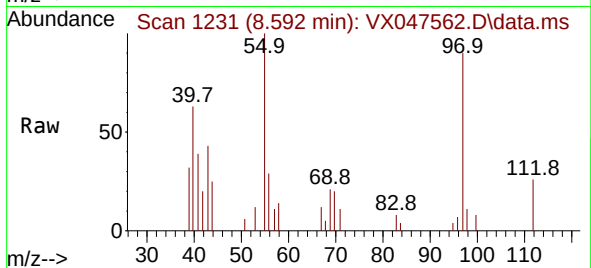




#51
4-Methyl-2-Pentanone
Concen: 0.498 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.018 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

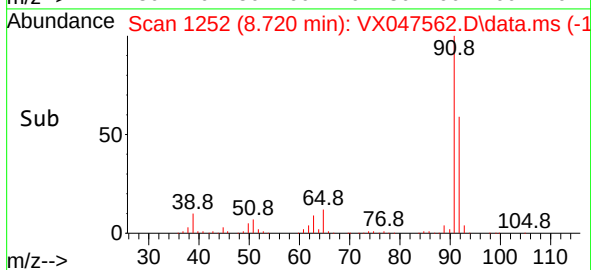
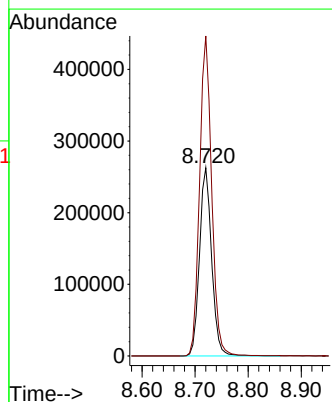
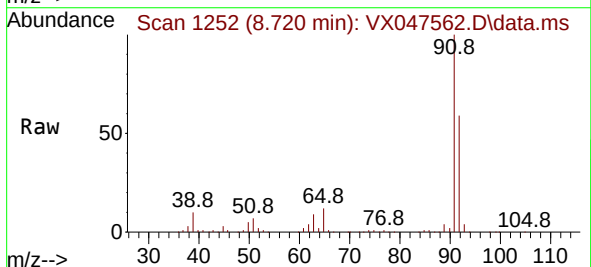
Instrument :
MSVOA_X
ClientSampleId :
33125

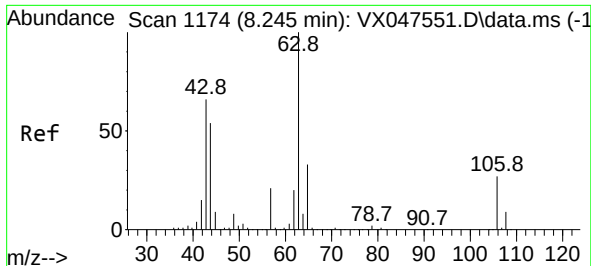
Tgt Ion: 43 Resp: 1544
Ion Ratio Lower Upper
43 100
58 29.9 30.4 45.6#



#52
Toluene
Concen: 64.836 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

Tgt Ion: 92 Resp: 417847
Ion Ratio Lower Upper
92 100
91 169.2 137.8 206.8





#58

2-Chloroethyl Vinyl ether

Concen: Below Cal

RT: 8.281 min Scan# 1174

Delta R.T. 0.036 min

Lab File: VX047562.D

Acq: 29 Aug 2025 11:49

Instrument :

MSVOA_X

ClientSampleId :

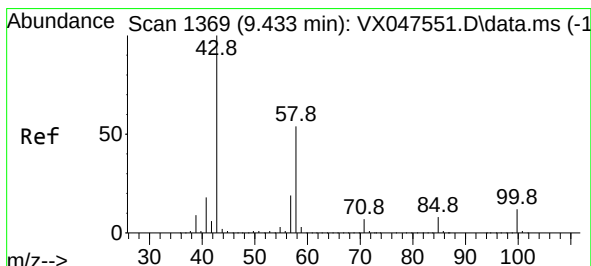
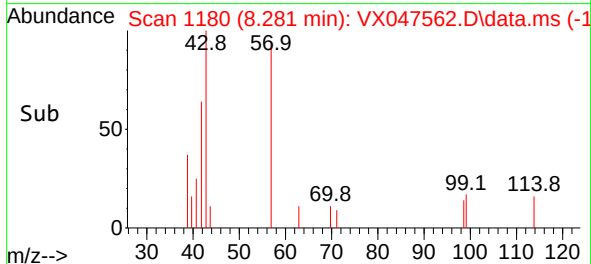
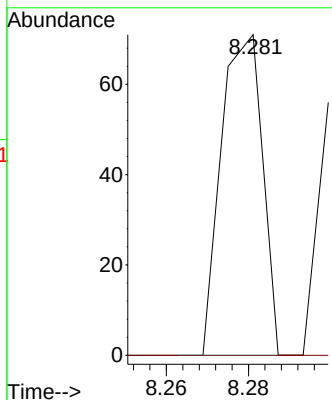
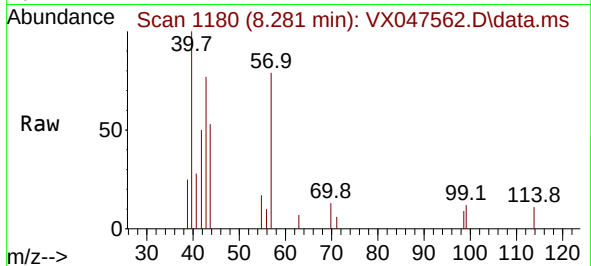
33125

Tgt Ion: 63 Resp: 49

Ion Ratio Lower Upper

63 100

106 0.0 22.2 33.4#



#59

2-Hexanone

Concen: 0.482 ug/l

RT: 9.470 min Scan# 1375

Delta R.T. 0.037 min

Lab File: VX047562.D

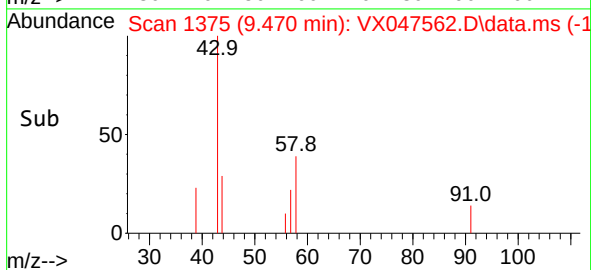
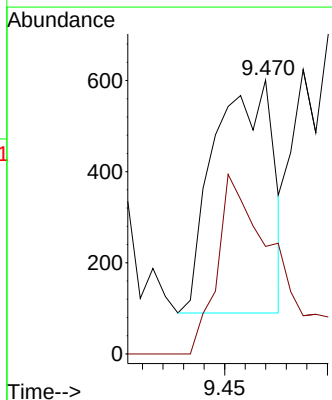
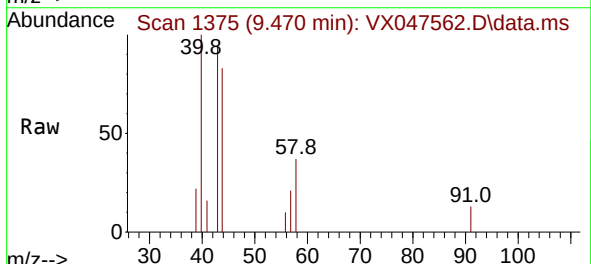
Acq: 29 Aug 2025 11:49

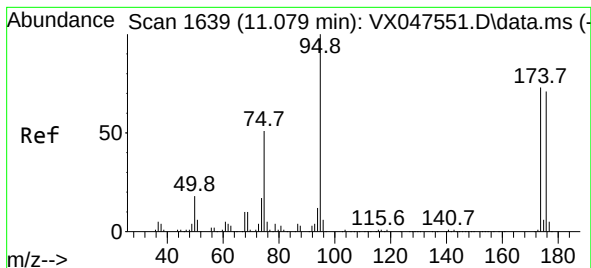
Tgt Ion: 43 Resp: 1021

Ion Ratio Lower Upper

43 100

58 75.5 26.7 80.0

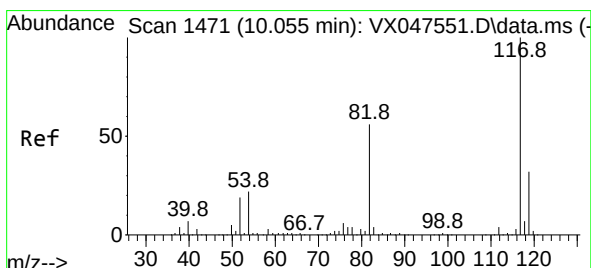
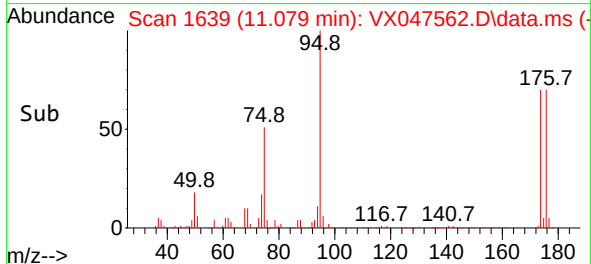
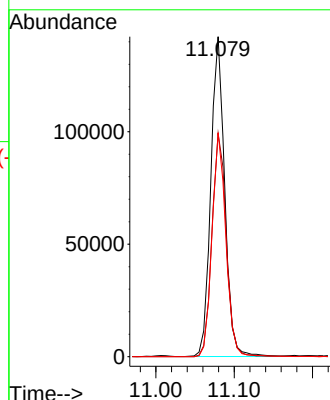
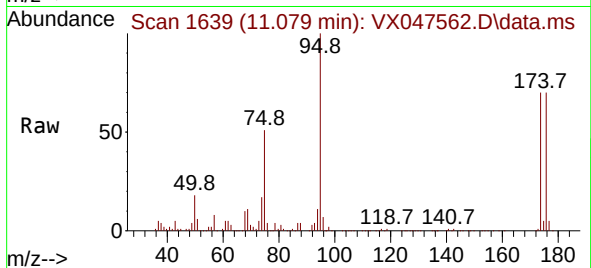




#62
4-Bromofluorobenzene
Concen: 56.913 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

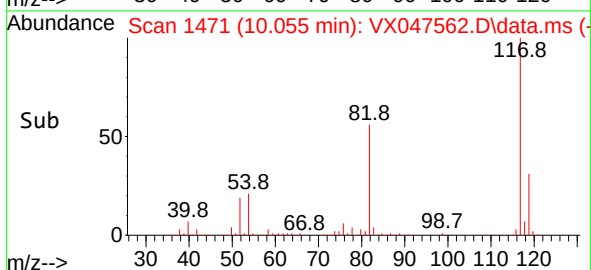
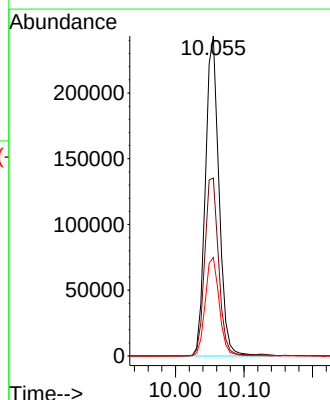
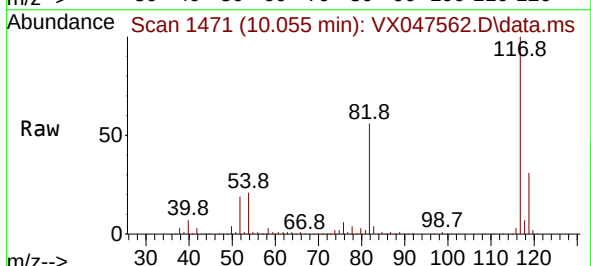
Instrument :
MSVOA_X
ClientSampleId :
33125

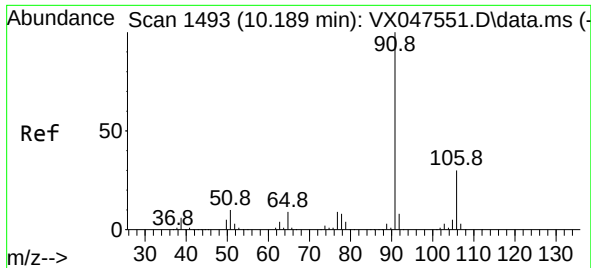
Tgt Ion: 95 Resp: 174434
Ion Ratio Lower Upper
95 100
174 72.6 0.0 145.2
176 69.8 0.0 140.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

Tgt Ion: 117 Resp: 336127
Ion Ratio Lower Upper
117 100
82 55.6 44.6 66.8
119 30.8 25.7 38.5

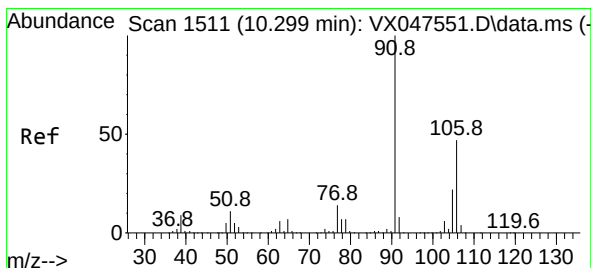
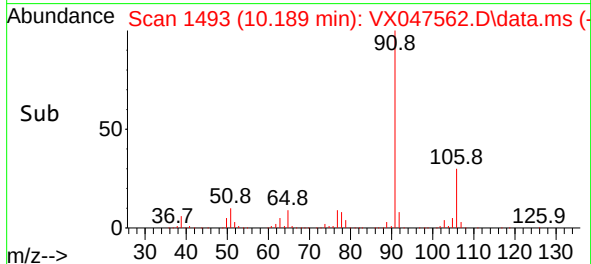
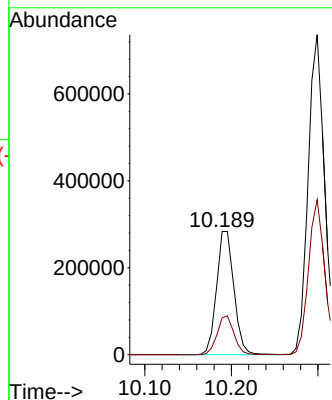
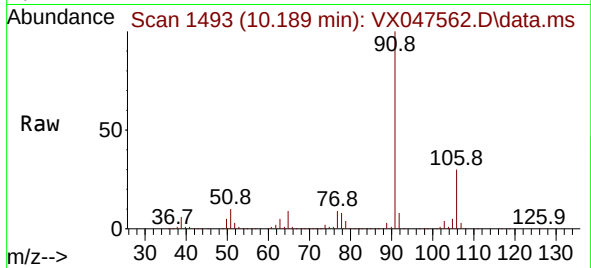




#67
Ethyl Benzene
Concen: 29.888 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

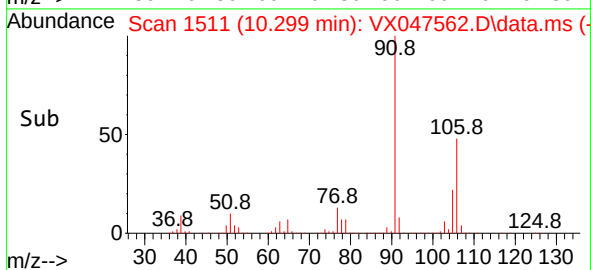
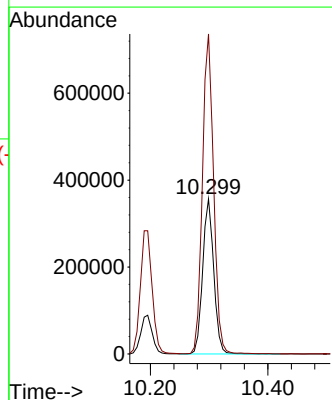
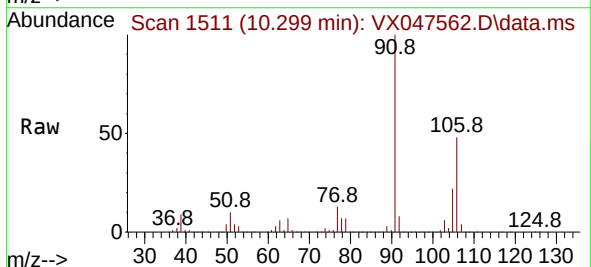
Instrument :
MSVOA_X
ClientSampleId :
33125

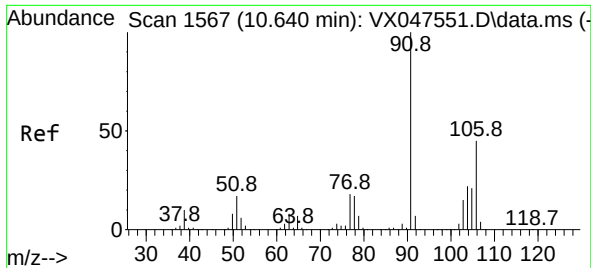
Tgt Ion: 91 Resp: 395196
Ion Ratio Lower Upper
91 100
106 29.9 23.9 35.9



#68
m/p-Xylenes
Concen: 95.158 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

Tgt Ion: 106 Resp: 467325
Ion Ratio Lower Upper
106 100
91 208.7 166.1 249.1

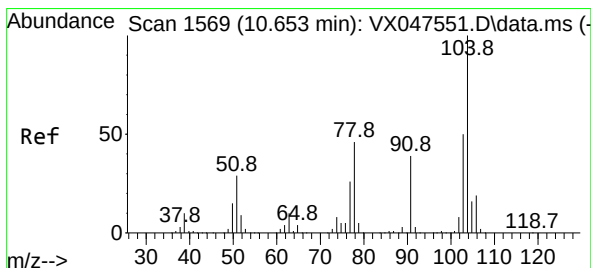
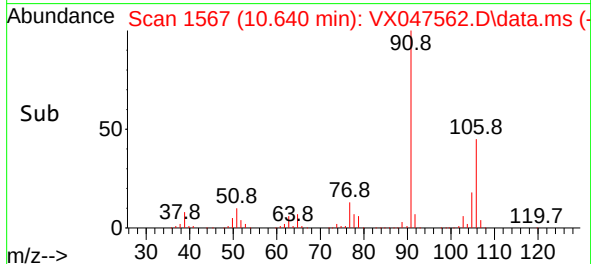
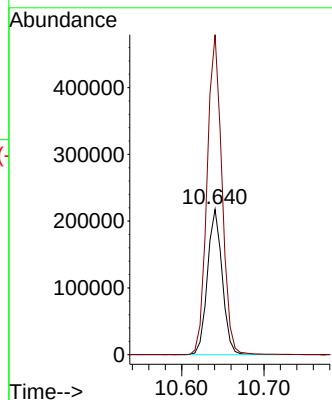
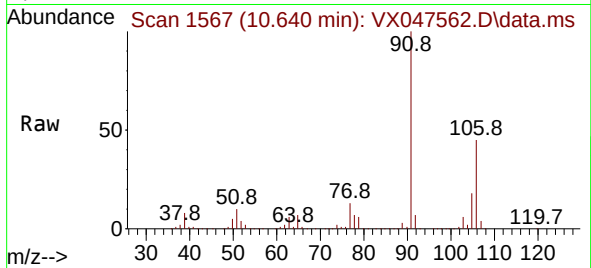




#69
o-Xylene
Concen: 57.377 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

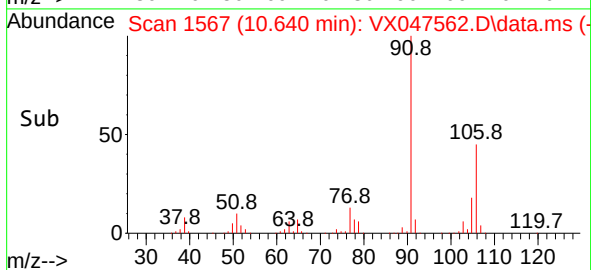
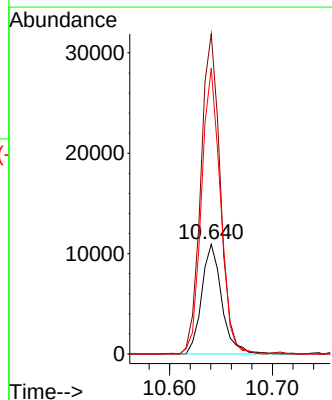
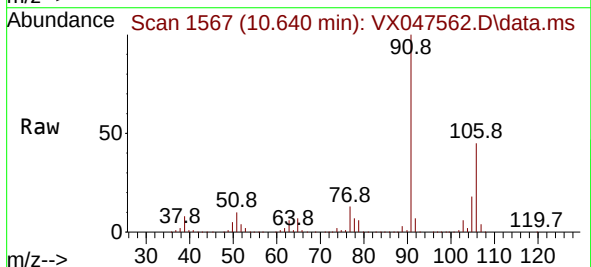
Instrument :
MSVOA_X
ClientSampleId :
33125

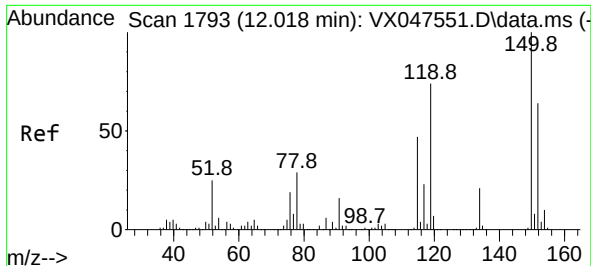
Tgt Ion:106 Resp: 271446
Ion Ratio Lower Upper
106 100
91 222.1 109.9 329.7



#70
Styrene
Concen: 1.805 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.012 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

Tgt Ion:104 Resp: 14819
Ion Ratio Lower Upper
104 100
78 283.5 41.6 62.4#
103 246.6 43.0 64.4#

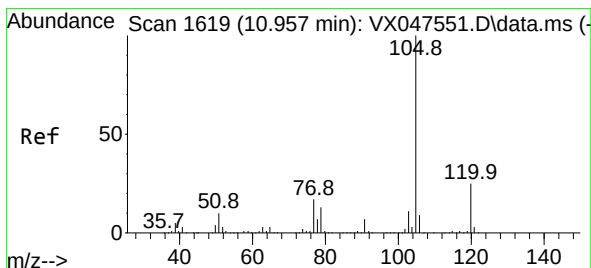
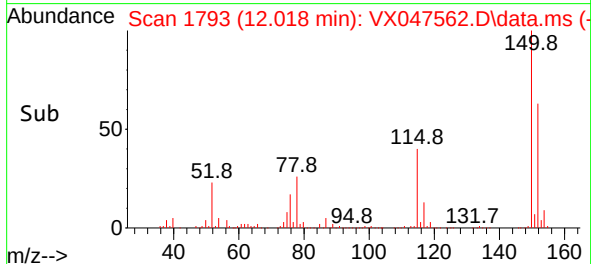
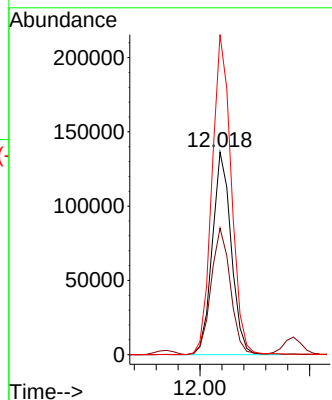
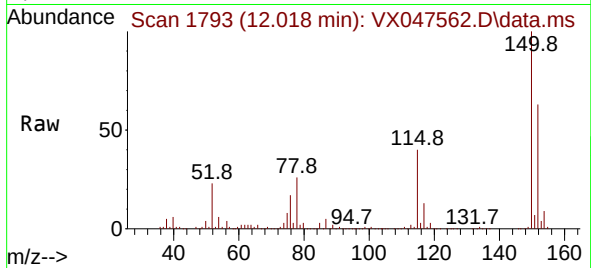




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

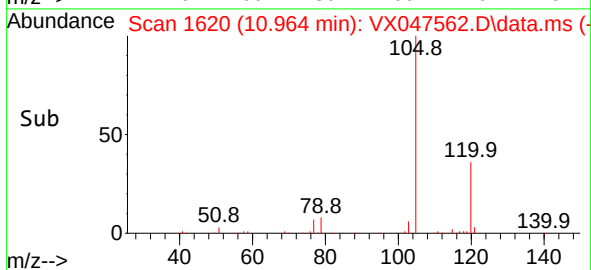
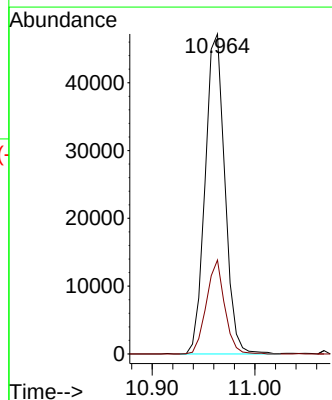
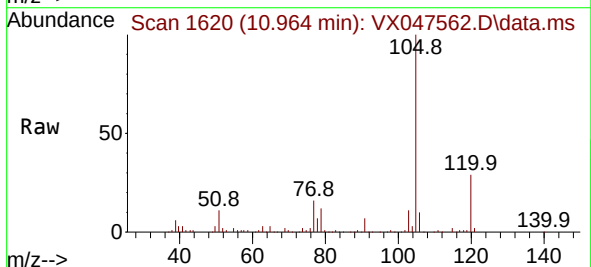
Instrument :
MSVOA_X
ClientSampleId :
33125

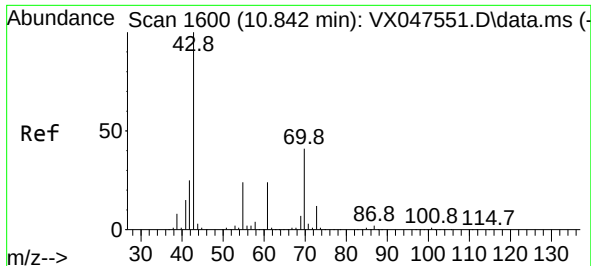
Tgt Ion:152 Resp: 163209
Ion Ratio Lower Upper
152 100
115 64.2 42.9 128.5
150 160.8 0.0 351.0



#73
Isopropylbenzene
Concen: 5.234 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

Tgt Ion:105 Resp: 62856
Ion Ratio Lower Upper
105 100
120 27.3 12.8 38.4

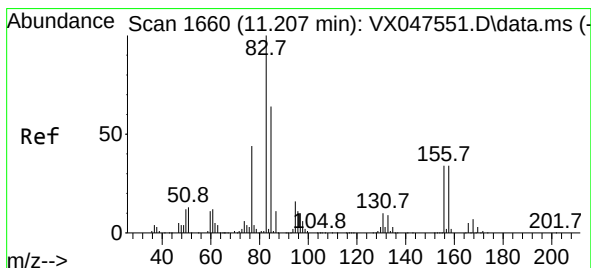
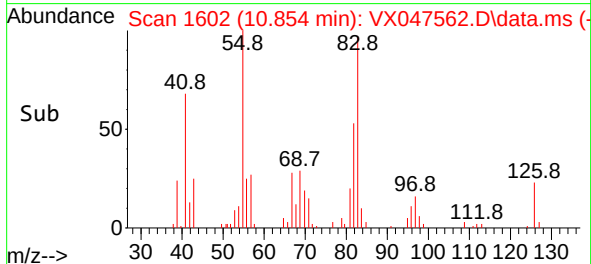
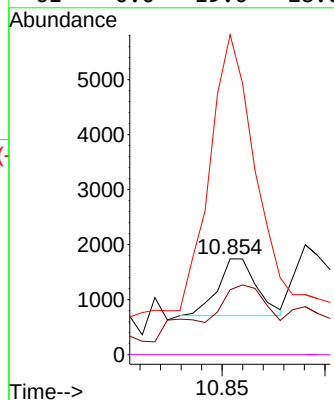
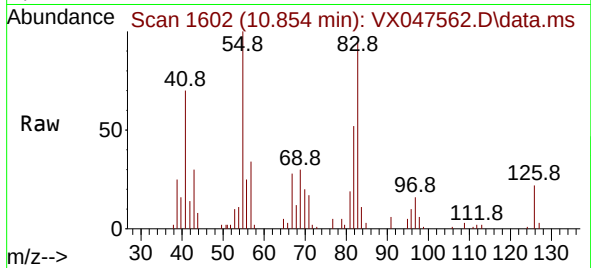




#74
N-amy1 acetate
Concen: 0.272 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

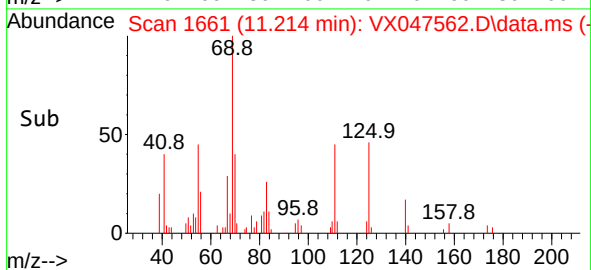
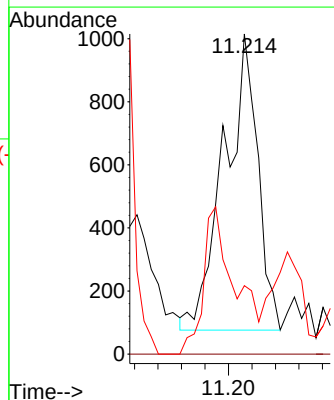
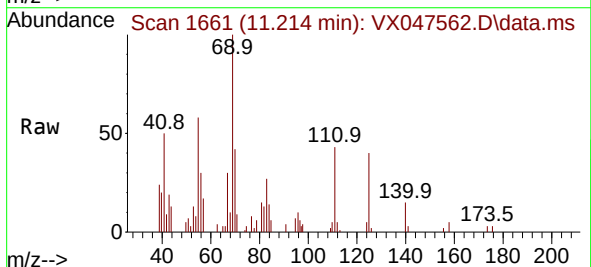
Instrument :
MSVOA_X
ClientSampleId :
33125

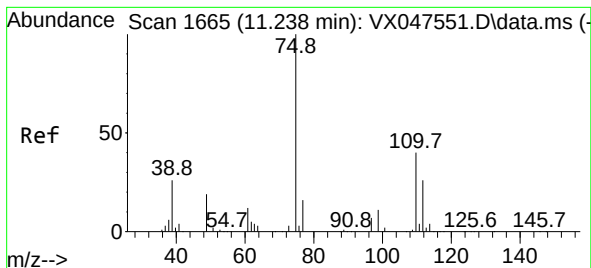
Tgt Ion:	43	Resp:	1348
Ion	Ratio	Lower	Upper
43	100		
70	250.7	32.9	49.3#
55	808.5	19.2	28.8#
61	0.0	19.0	28.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.490 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

Tgt Ion:	83	Resp:	1859
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.3#
85	0.0	32.4	97.0#





#76

1,2,3-Trichloropropane

Concen: 2.206 ug/l

RT: 11.378 min Scan# 1688

Delta R.T. 0.140 min

Lab File: VX047562.D

Acq: 29 Aug 2025 11:49

Instrument :

MSVOA_X

ClientSampleId :

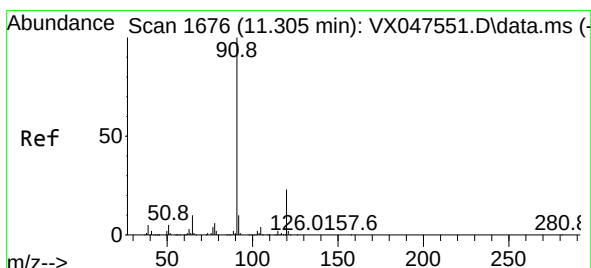
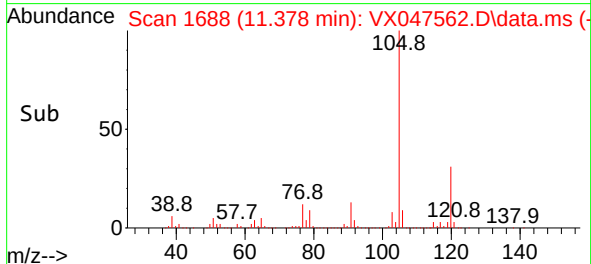
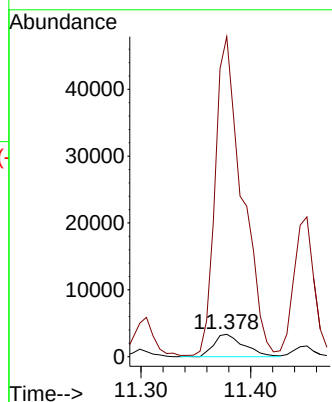
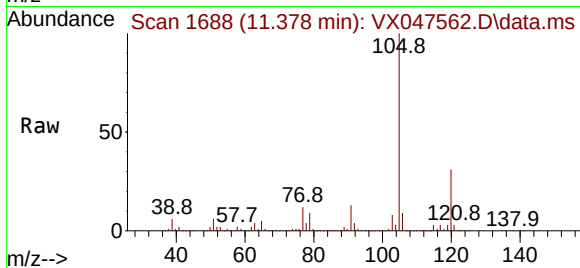
33125

Tgt Ion: 75 Resp: 6425

Ion Ratio Lower Upper

75 100

77 1278.2 19.7 59.1#



#78

n-propylbenzene

Concen: 11.795 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX047562.D

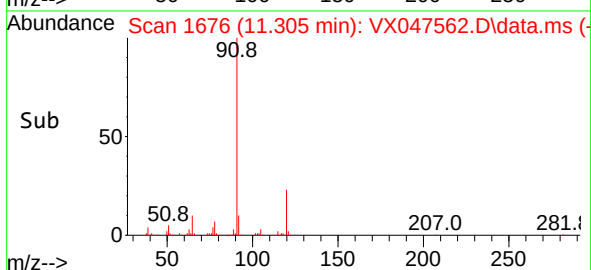
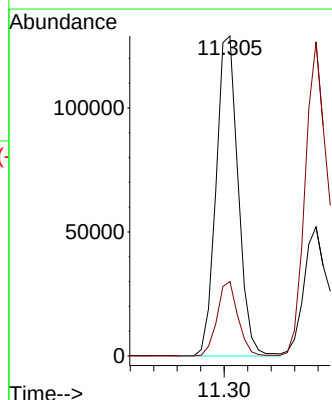
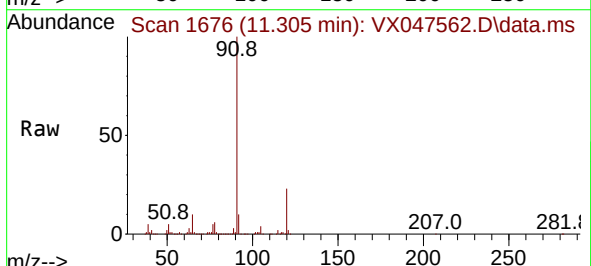
Acq: 29 Aug 2025 11:49

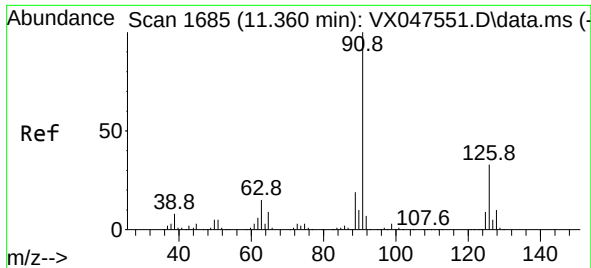
Tgt Ion: 91 Resp: 168657

Ion Ratio Lower Upper

91 100

120 22.0 11.2 33.6

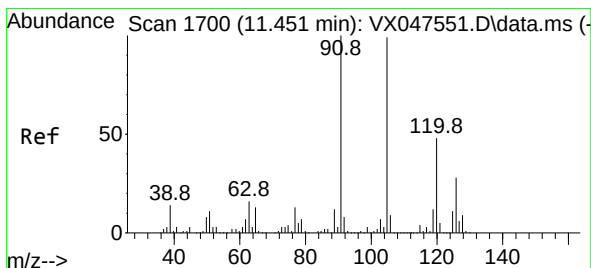
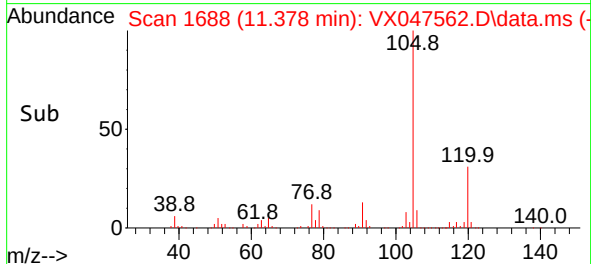
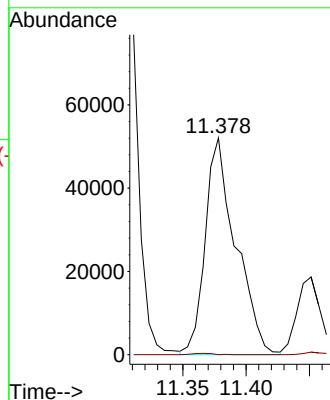
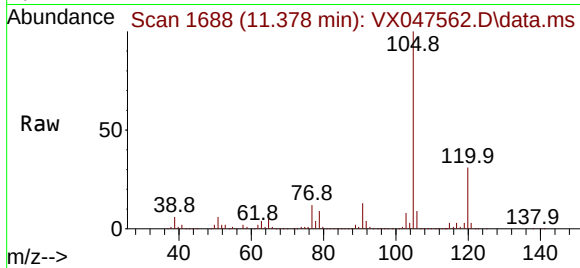




#79
2-Chlorotoluene
Concen: 9.876 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.018 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

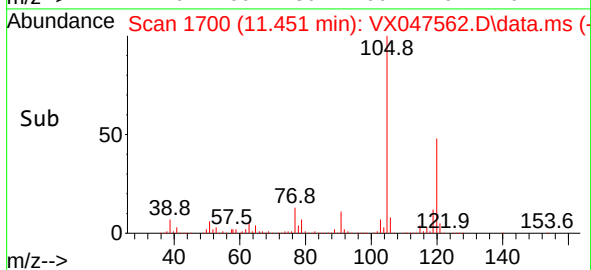
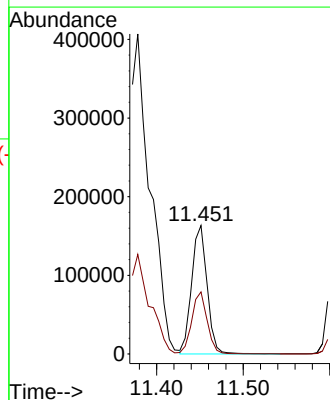
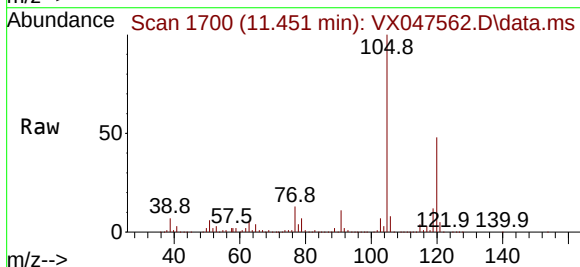
Instrument :
MSVOA_X
ClientSampleId :
33125

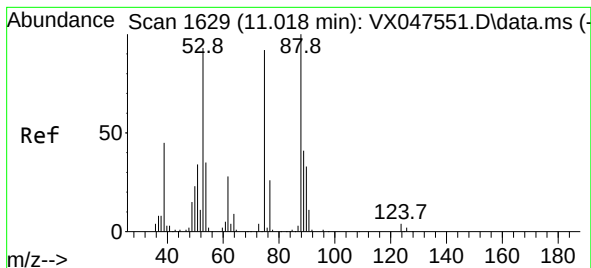
Tgt Ion: 91 Resp: 87570
Ion Ratio Lower Upper
91 100
126 0.4 16.4 49.2#



#80
1,3,5-Trimethylbenzene
Concen: 20.668 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

Tgt Ion:105 Resp: 202950
Ion Ratio Lower Upper
105 100
120 48.0 23.8 71.5

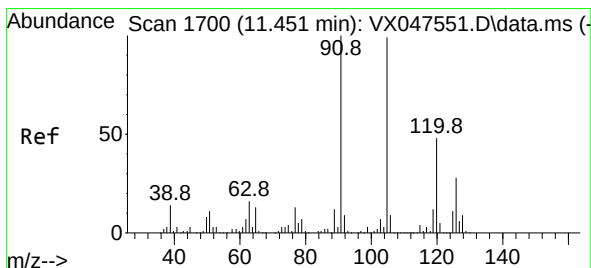
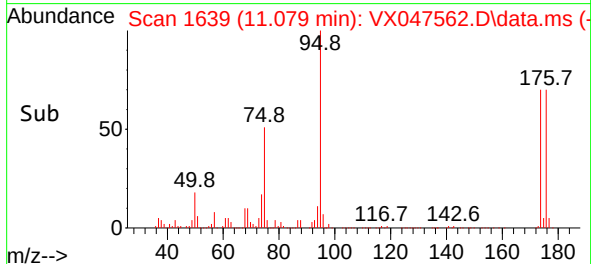
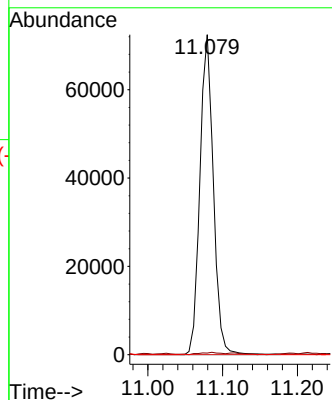
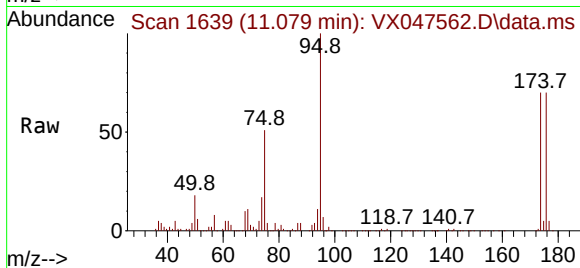




#81
trans-1,4-Dichloro-2-butene
Concen: 109.439 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

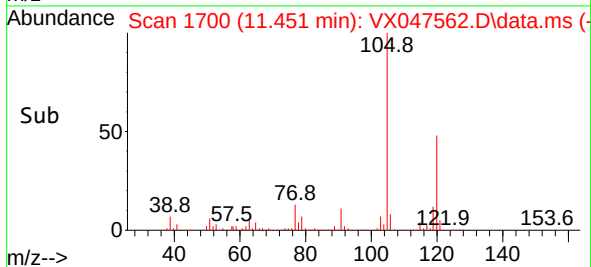
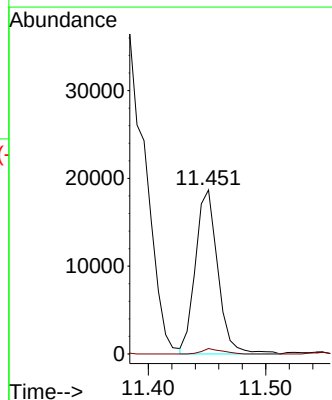
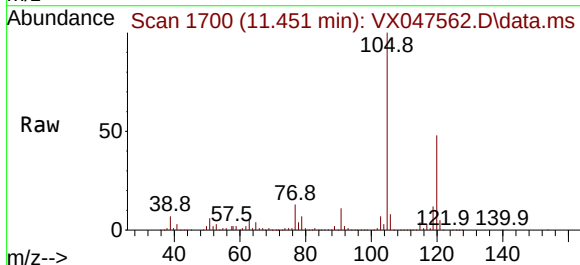
Instrument :
MSVOA_X
ClientSampleId :
33125

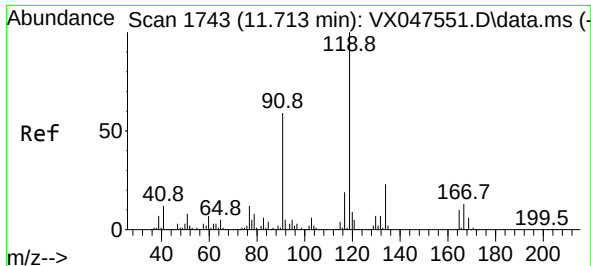
Tgt Ion: 75 Resp: 90578
Ion Ratio Lower Upper
75 100
53 1.1 85.7 128.5#
89 0.0 36.4 54.6#



#82
4-Chlorotoluene
Concen: 2.380 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

Tgt Ion: 91 Resp: 24767
Ion Ratio Lower Upper
91 100
126 2.9 14.6 43.8#

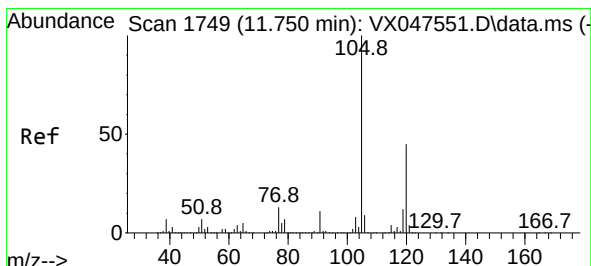
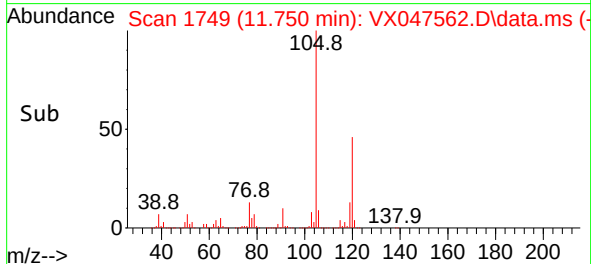
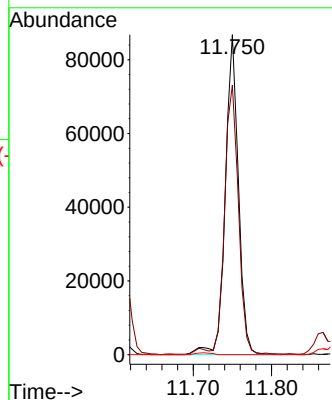
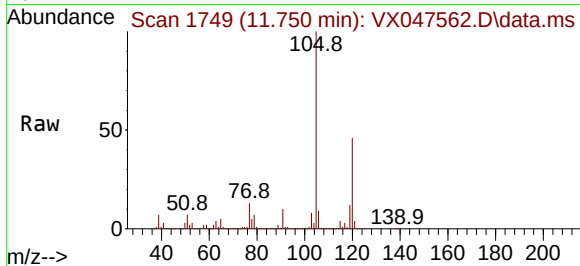




#83
tert-Butylbenzene
Concen: 10.238 ug/l
RT: 11.750 min Scan# 11
Delta R.T. 0.037 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

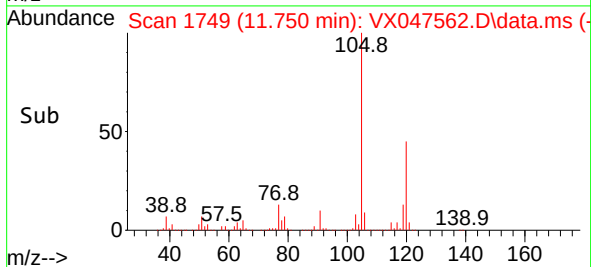
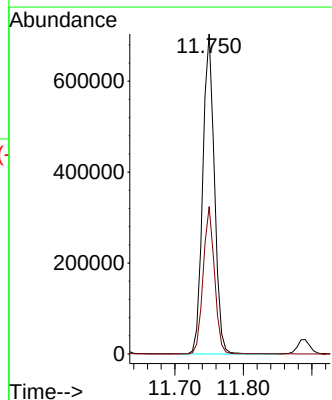
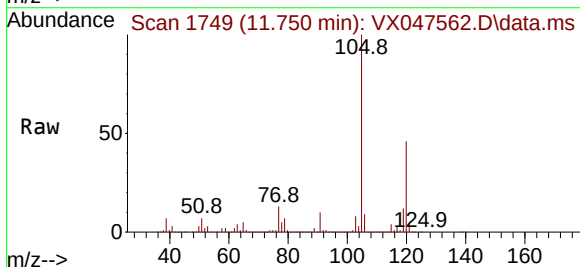
Instrument :
MSVOA_X
ClientSampleId :
33125

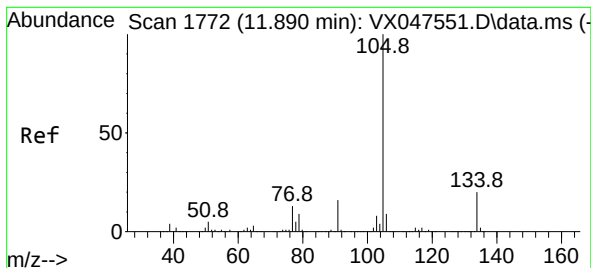
Tgt Ion:119 Resp: 101344
Ion Ratio Lower Upper
119 100
91 87.8 28.5 85.5#
134 0.0 11.3 33.9#



#84
1,2,4-Trimethylbenzene
Concen: 83.506 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

Tgt Ion:105 Resp: 835841
Ion Ratio Lower Upper
105 100
120 44.7 22.3 66.8





#85

sec-Butylbenzene

Concen: 3.351 ug/l

RT: 11.890 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047562.D

Acq: 29 Aug 2025 11:49

Instrument :

MSVOA_X

ClientSampleId :

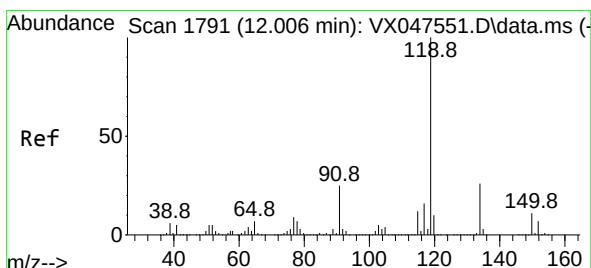
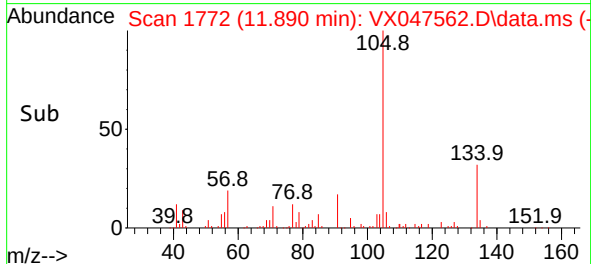
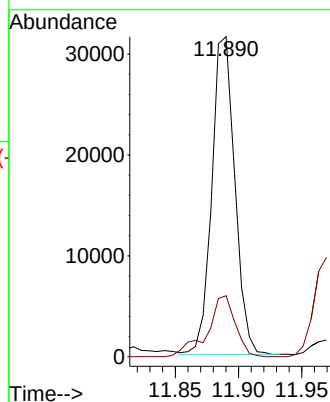
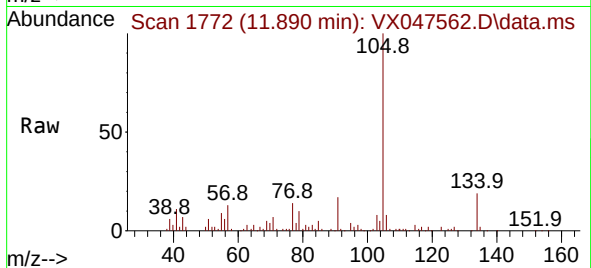
33125

Tgt Ion:105 Resp: 39911

Ion Ratio Lower Upper

105 100

134 23.5 9.8 29.5



#86

p-Isopropyltoluene

Concen: 2.475 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX047562.D

Acq: 29 Aug 2025 11:49

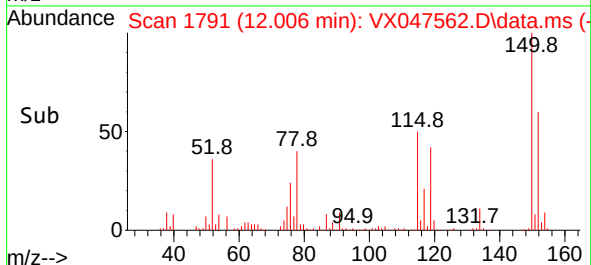
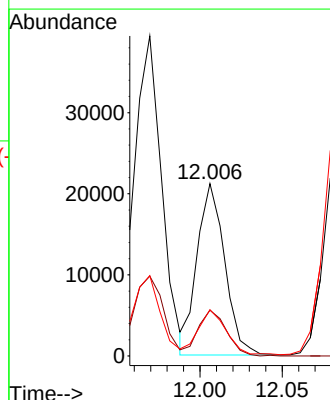
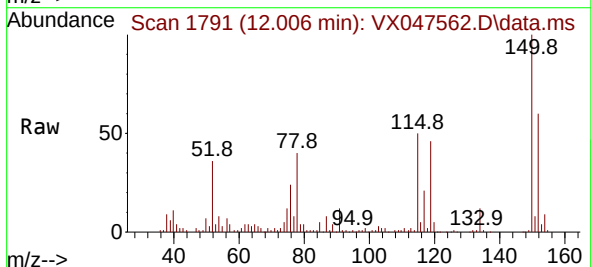
Tgt Ion:119 Resp: 24715

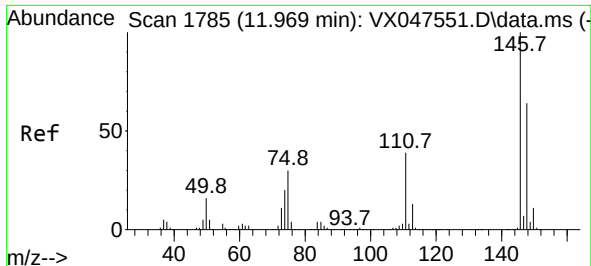
Ion Ratio Lower Upper

119 100

134 27.5 13.0 38.9

91 26.2 12.4 37.2

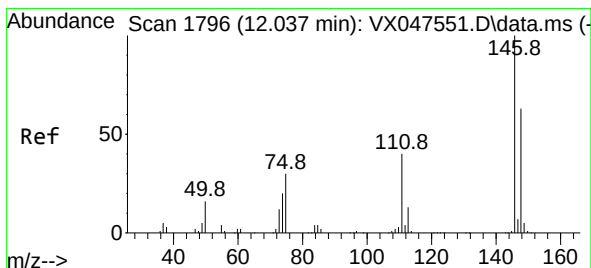
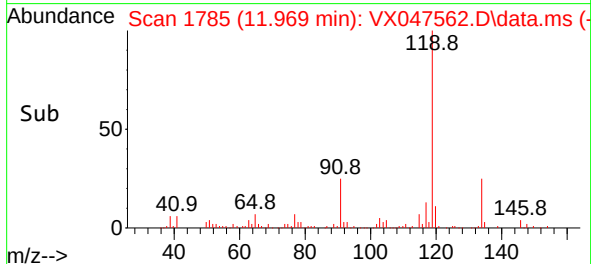
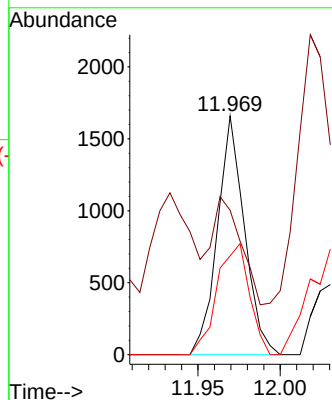
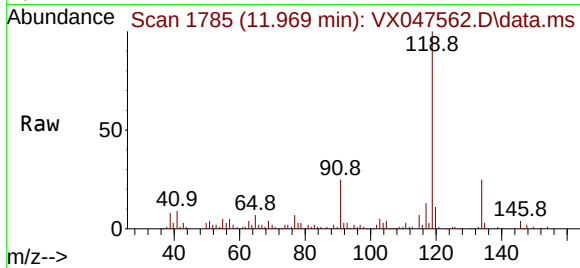




#87
1,3-Dichlorobenzene
Concen: 0.331 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

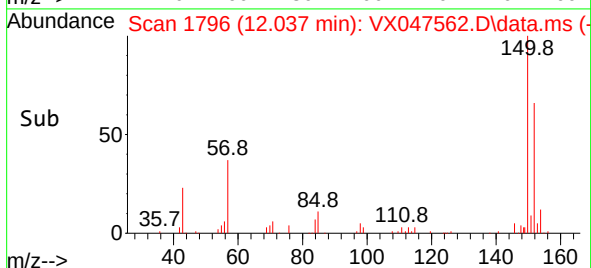
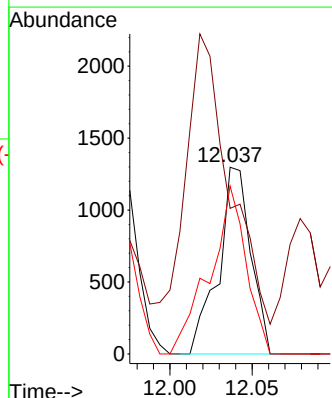
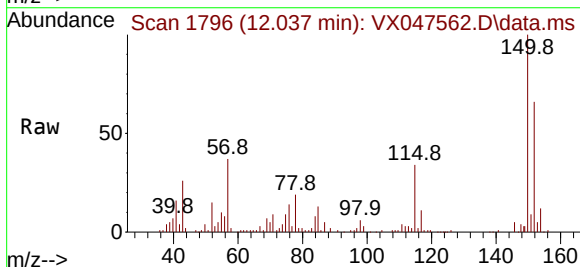
Instrument :
MSVOA_X
ClientSampleId :
33125

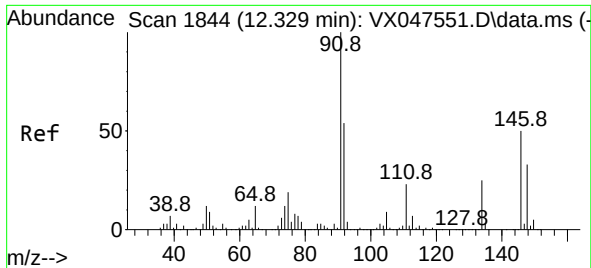
Tgt Ion:146 Resp: 1896
Ion Ratio Lower Upper
146 100
111 60.6 20.6 61.9
148 55.7 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 0.301 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

Tgt Ion:146 Resp: 1779
Ion Ratio Lower Upper
146 100
111 205.1 20.1 60.2#
148 101.3 31.8 95.4#

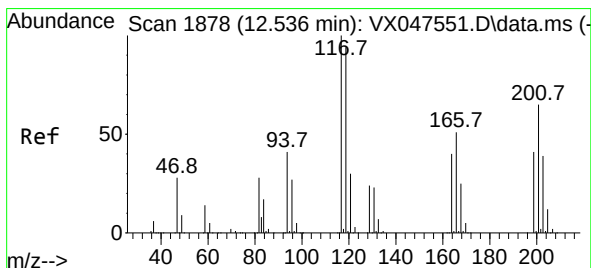
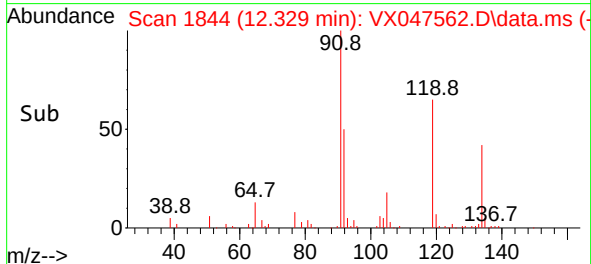
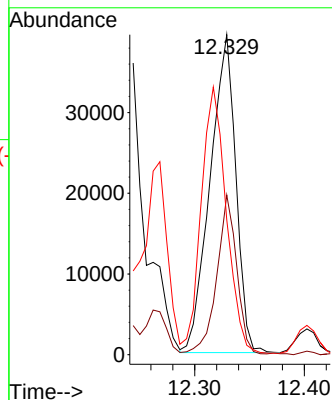
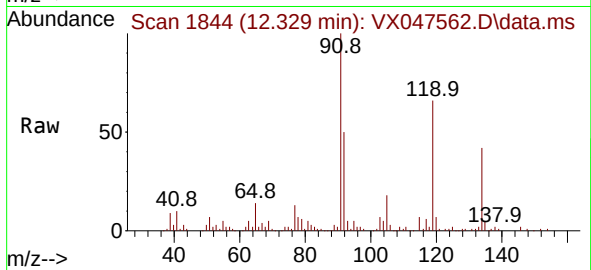




#89
n-Butylbenzene
Concen: 6.977 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

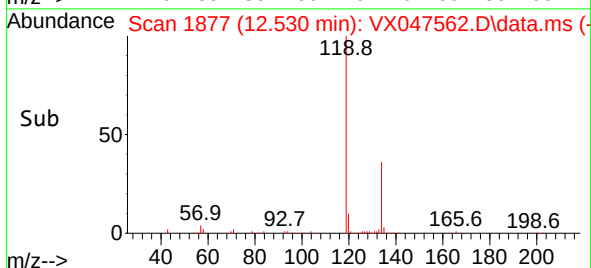
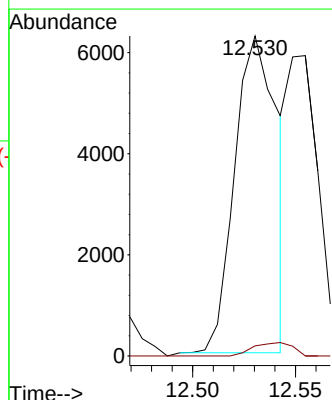
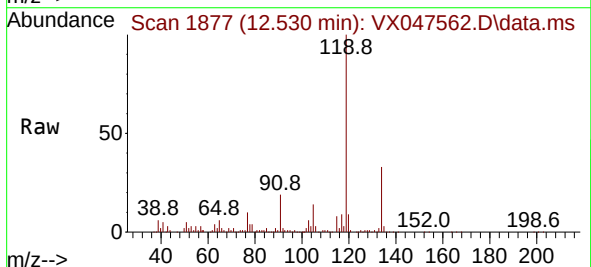
Instrument :
MSVOA_X
ClientSampleId :
33125

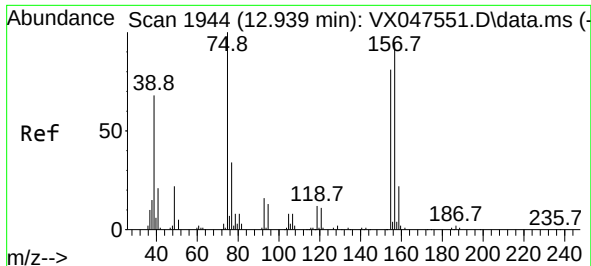
Tgt Ion: 91 Resp: 64290
Ion Ratio Lower Upper
91 100
92 38.7 27.0 81.0
134 81.2 12.6 37.6#



#90
Hexachloroethane
Concen: 4.945 ug/l
RT: 12.530 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

Tgt Ion: 117 Resp: 9076
Ion Ratio Lower Upper
117 100
201 3.9 33.7 101.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.754 ug/l

RT: 12.921 min Scan# 1944

Delta R.T. -0.018 min

Lab File: VX047562.D

Acq: 29 Aug 2025 11:49

Instrument :

MSVOA_X

ClientSampleId :

33125

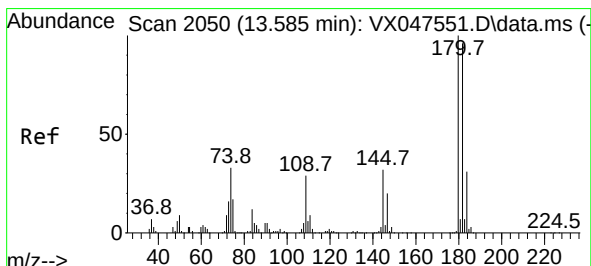
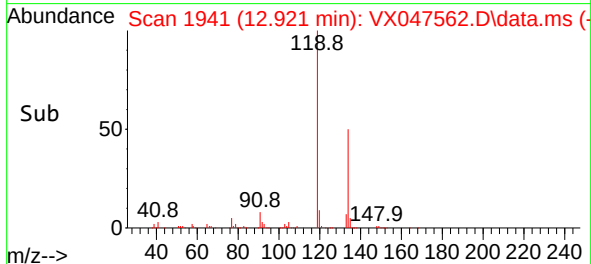
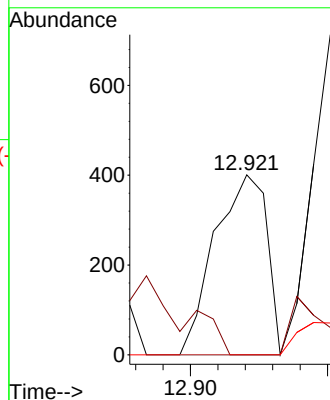
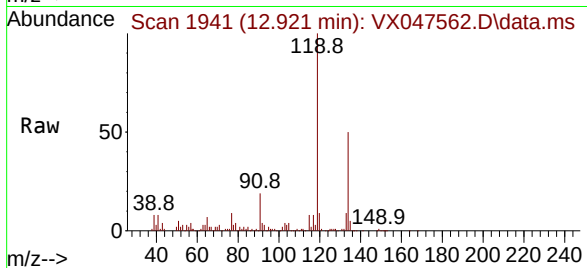
Tgt Ion: 75 Resp: 528

Ion Ratio Lower Upper

75 100

155 0.0 41.9 125.6#

157 0.0 51.8 155.4#



#93

1,2,4-Trichlorobenzene

Concen: 1.095 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047562.D

Acq: 29 Aug 2025 11:49

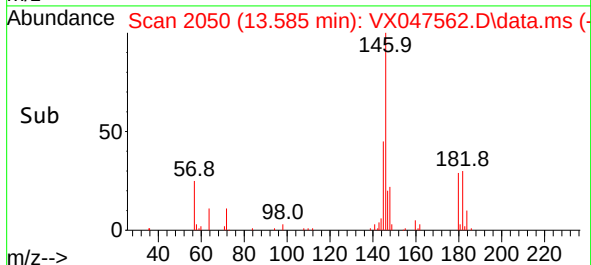
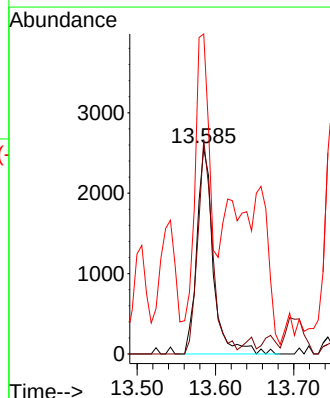
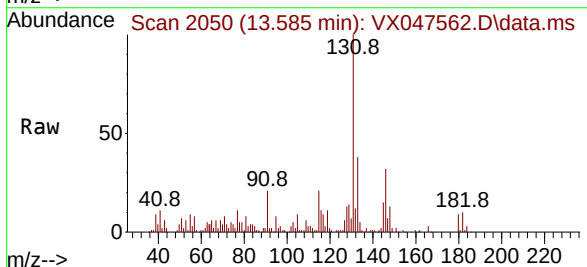
Tgt Ion:180 Resp: 3745

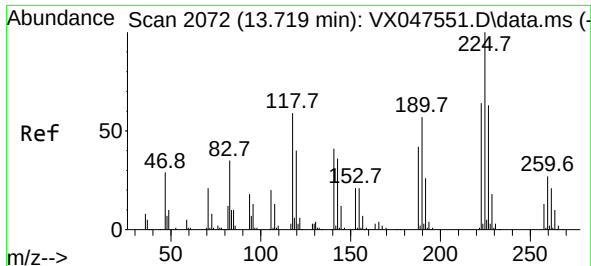
Ion Ratio Lower Upper

180 100

182 93.5 47.7 143.1

145 139.6 16.3 48.8#

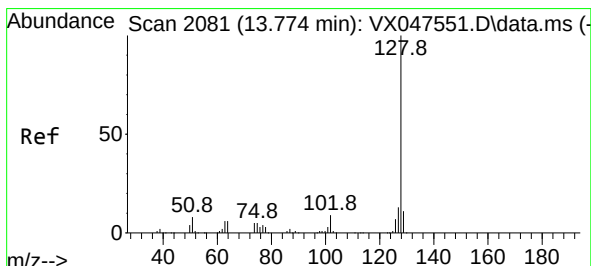
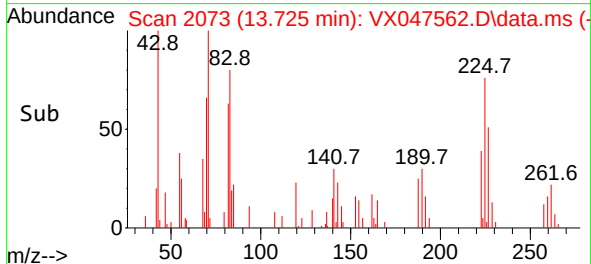
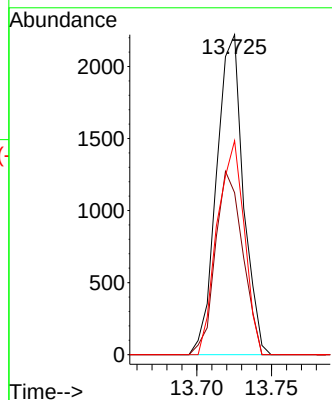
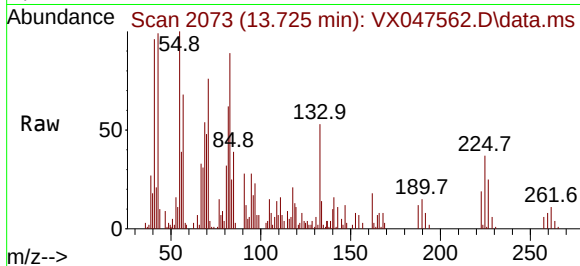




#94
Hexachlorobutadiene
Concen: 2.323 ug/l
RT: 13.725 min Scan# 2072
Delta R.T. 0.006 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

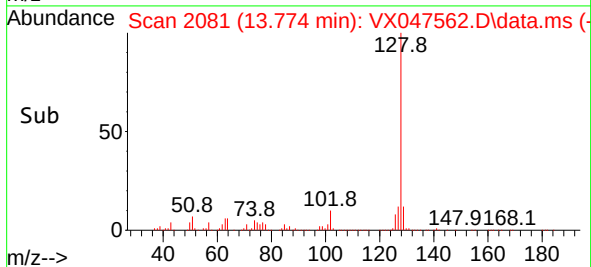
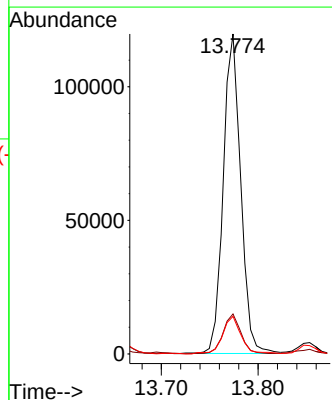
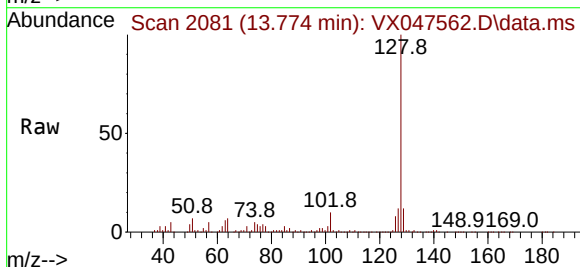
Instrument :
MSVOA_X
ClientSampleId :
33125

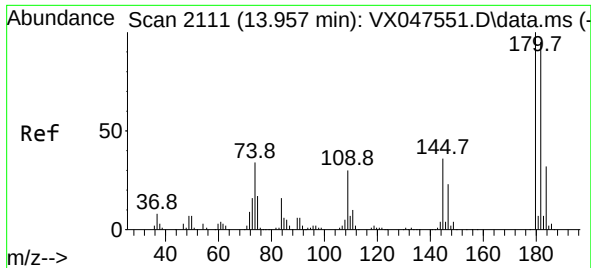
Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.7	31.1	93.5
227	67.2	31.8	95.3



#95
Naphthalene
Concen: 14.968 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047562.D
Acq: 29 Aug 2025 11:49

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.0	15.0
129	12.6	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.182 ug/l
 RT: 13.957 min Scan# 2111
 Delta R.T. 0.000 min
 Lab File: VX047562.D
 Acq: 29 Aug 2025 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 33125

Tgt Ion:180 Resp: 3799
 Ion Ratio Lower Upper
 180 100
 182 86.8 48.1 144.4
 145 122.1 17.6 52.9#

