

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046967.D
 Acq On : 14 Jul 2025 12:49
 Operator : JC/MD
 Sample : Q2480-02ME
 Misc : 6.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GPX2ME

Quant Time: Jul 15 01:17:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	302766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	512075	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	458895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	234758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	208433	52.110	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.220%			
35) Dibromofluoromethane	5.397	113	166531	47.909	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.820%			
50) Toluene-d8	8.647	98	593241	48.373	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.740%			
62) 4-Bromofluorobenzene	11.079	95	239079	51.293	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.580%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	1334	0.422	ug/l	98
5) Bromomethane	1.611	94	4867	2.199	ug/l	96
10) Methyl Iodide	2.459	142	13007	3.517	ug/l	96
11) Tert butyl alcohol	2.953	59	58	0.221	ug/l #	72
13) Acrolein	2.215	56	30	2.937	ug/l #	1
16) Acetone	2.410	43	541	0.435	ug/l	100
18) Methyl Acetate	2.727	43	6181	1.887	ug/l	94
20) Methylene Chloride	2.800	84	1948	0.530	ug/l #	66
30) Chloroform	5.166	83	2283	0.347	ug/l #	29
31) Cyclohexane	5.477	56	21084	3.688	ug/l	93
36) 1,1-Dichloropropene	5.556	75	24926	5.315	ug/l #	50
38) Carbon Tetrachloride	5.550	117	31596	6.372	ug/l #	17
39) Methylcyclohexane	7.379	83	114611	19.536	ug/l	91
40) Benzene	6.050	78	16692	1.177	ug/l	96
45) 1,2-Dichloropropane	7.391	63	1543	0.431	ug/l #	1
48) Methyl methacrylate	7.659	41	8197	2.595	ug/l #	51
49) 1,4-Dioxane	7.714	88	22	0.601	ug/l #	1
51) 4-Methyl-2-Pentanone	8.598	43	5063	1.402	ug/l #	37
52) Toluene	8.720	92	10690	1.216	ug/l	93
55) 1,1,2-Trichloroethane	9.104	97	25435	7.769	ug/l #	17
56) Ethyl methacrylate	9.098	69	6554	1.446	ug/l #	1
59) 2-Hexanone	9.384	43	16667	6.959	ug/l #	28
60) Dibromochloromethane	9.275	129	4645	1.185	ug/l #	10
64) Tetrachloroethene	9.275	164	4393	1.438	ug/l	90
67) Ethyl Benzene	10.195	91	133370	7.850	ug/l	100
68) m/p-Xylenes	10.299	106	182808	28.553	ug/l	98
69) o-Xylene	10.646	106	9474	1.532	ug/l	90
73) Isopropylbenzene	10.963	105	40776	2.471	ug/l	100
74) N-amyl acetate	10.854	43	11319	2.018	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.213	83	5917	1.304	ug/l #	25
76) 1,2,3-Trichloropropane	11.378	75	4735	1.305	ug/l #	1
78) n-propylbenzene	11.305	91	99217	4.986	ug/l	99
79) 2-Chlorotoluene	11.378	91	60003	5.107	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.451	105	218024	16.259	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	122322	90.493	ug/l #	8
82) 4-Chlorotoluene	11.451	91	24926	1.838	ug/l #	48

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Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

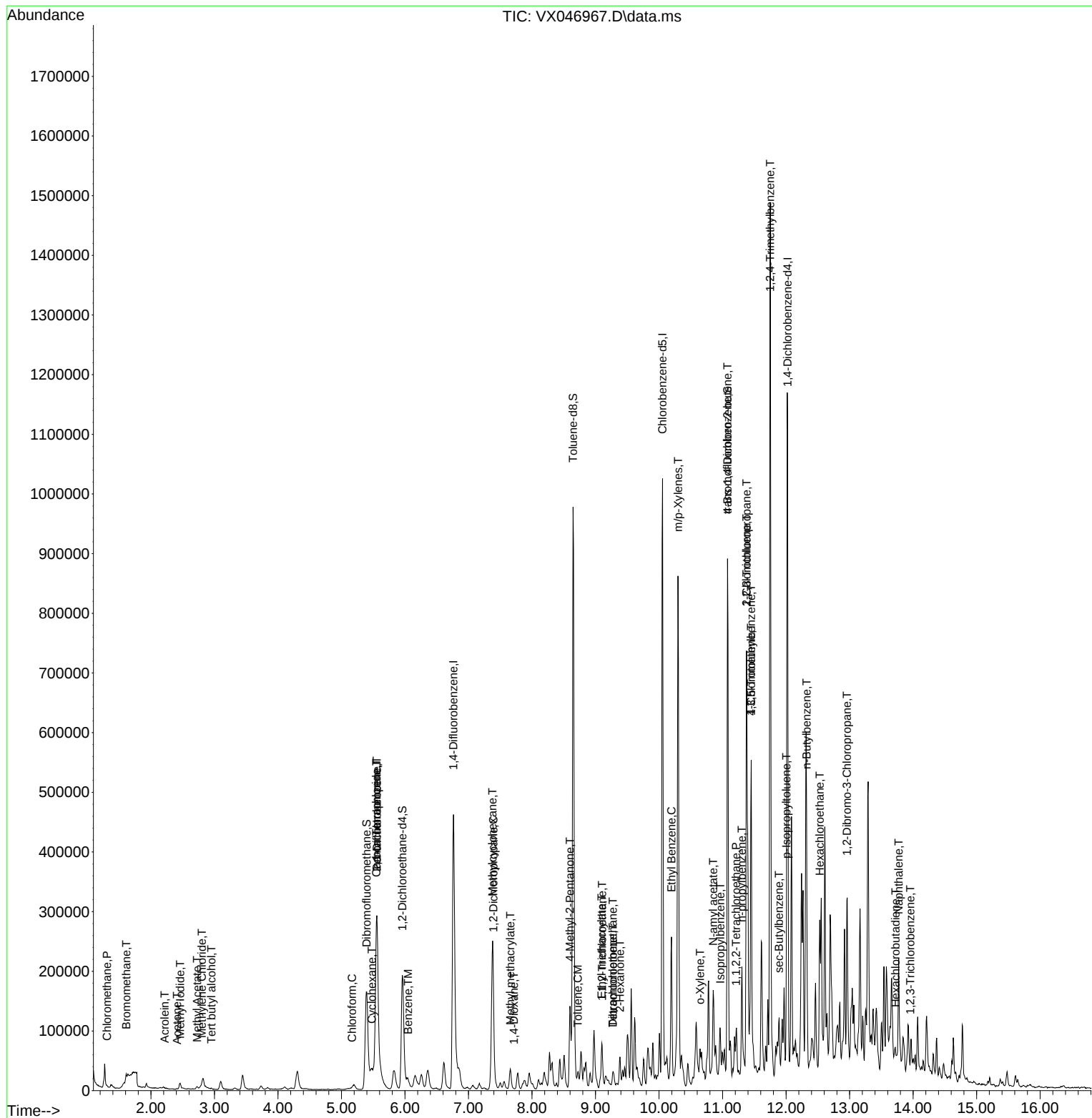
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84) 1,2,4-Trimethylbenzene	11.750	105	595843	43.962	ug/l	96
85) sec-Butylbenzene	11.890	105	21120	1.209	ug/l	94
86) p-Isopropyltoluene	12.006	119	30435	2.081	ug/l	96
89) n-Butylbenzene	12.323	91	74302	5.408	ug/l #	25
90) Hexachloroethane	12.530	117	10057	3.880	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	12.957	75	1172	1.477	ug/l #	1
94) Hexachlorobutadiene	13.725	225	529	0.277	ug/l	85
95) Naphthalene	13.774	128	112016	8.399	ug/l	98
96) 1,2,3-Trichlorobenzene	13.957	180	963	0.201	ug/l #	1

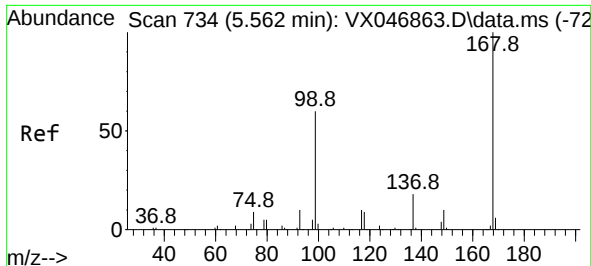
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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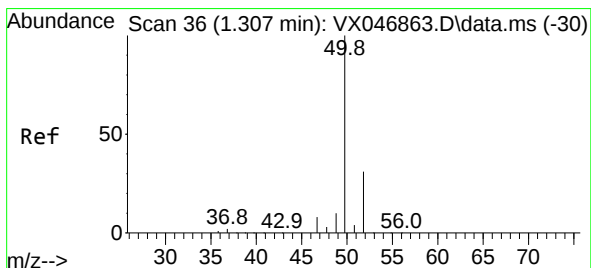
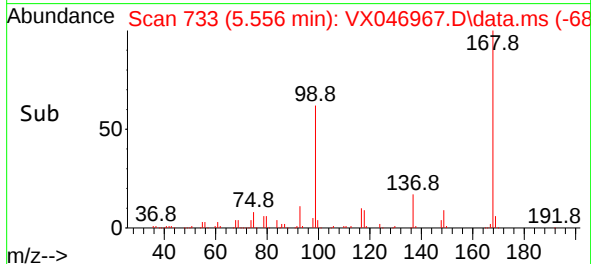
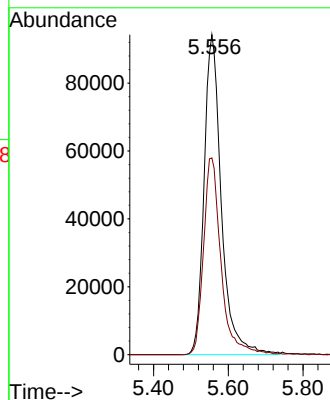
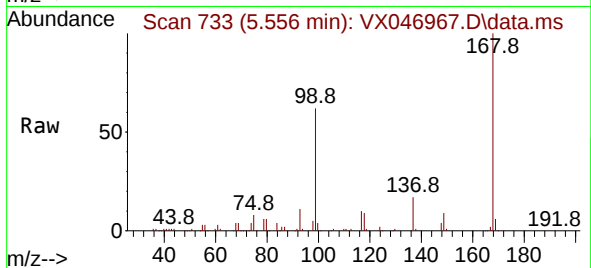




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
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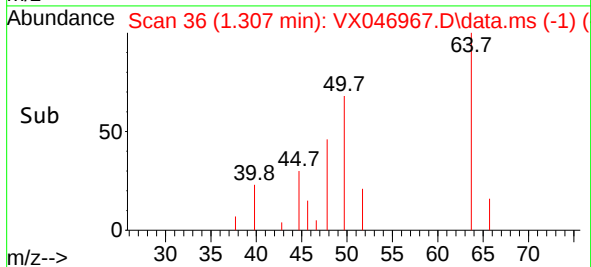
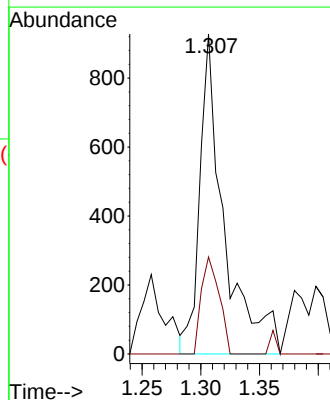
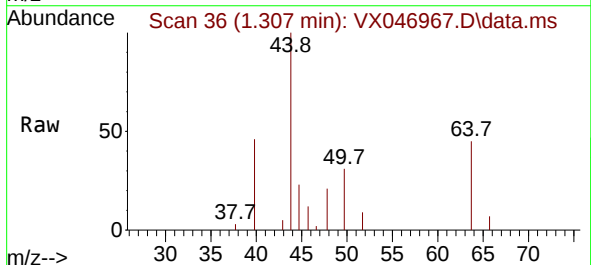
Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

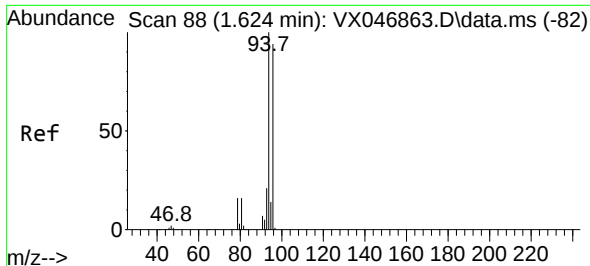
Tgt Ion:168 Resp: 302766
Ion Ratio Lower Upper
168 100
99 61.5 48.8 73.2



#3
Chloromethane
Concen: 0.422 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion: 50 Resp: 1334
Ion Ratio Lower Upper
50 100
52 30.3 25.0 37.4

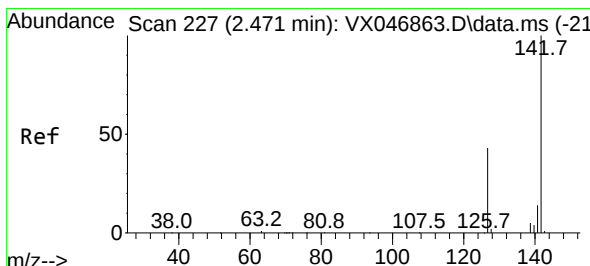
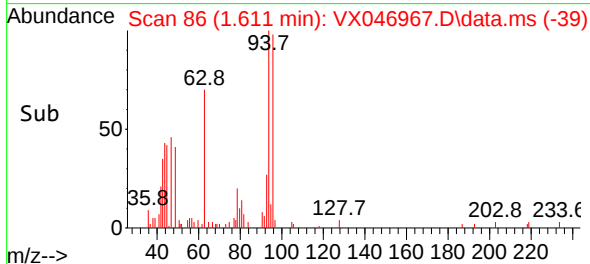
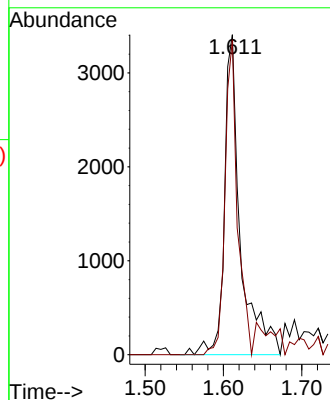
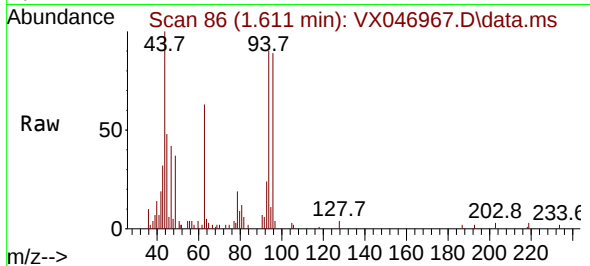




#5
Bromomethane
Concen: 2.199 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.012 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

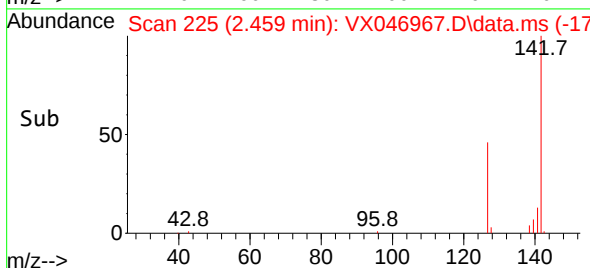
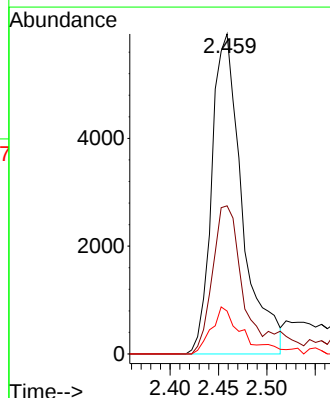
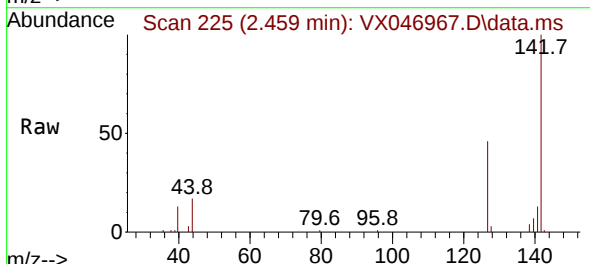
Instrument :
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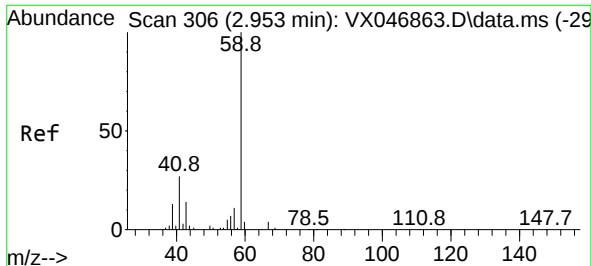
Tgt Ion: 94 Resp: 4867
Ion Ratio Lower Upper
94 100
96 98.4 75.5 113.3



#10
Methyl Iodide
Concen: 3.517 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.012 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion: 142 Resp: 13007
Ion Ratio Lower Upper
142 100
127 45.9 34.9 52.3
141 15.6 11.1 16.7

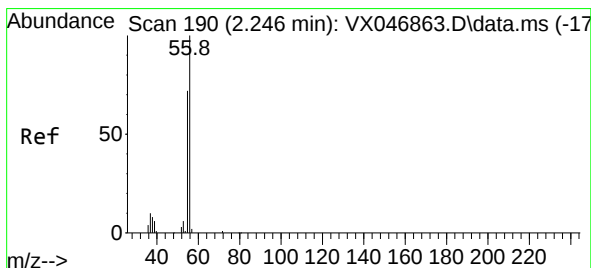
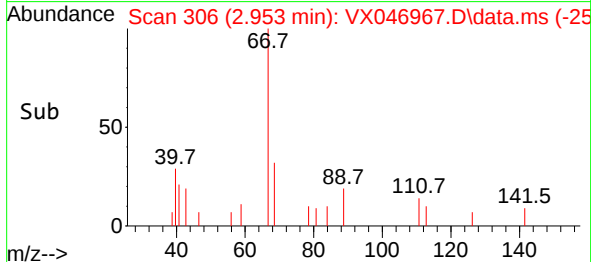
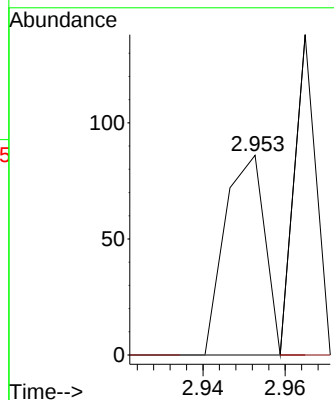
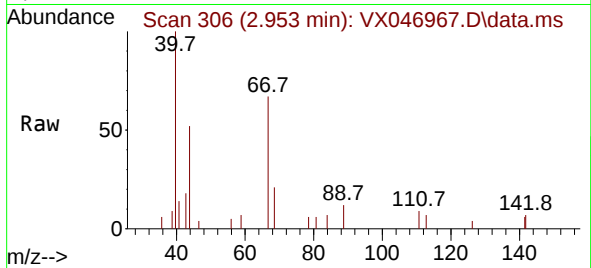




#11
Tert butyl alcohol
Concen: 0.221 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

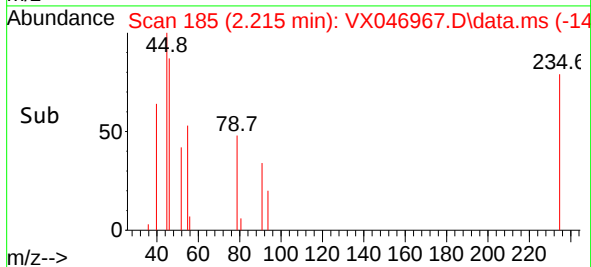
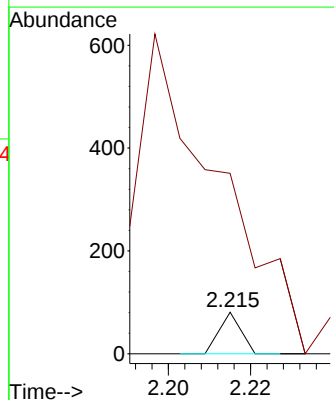
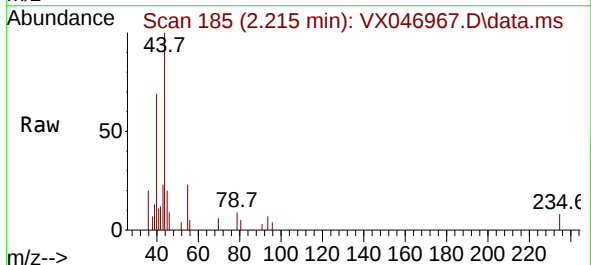
Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

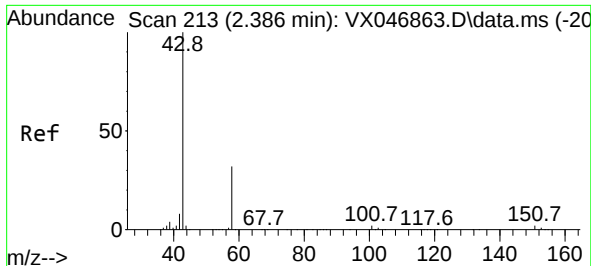
Tgt Ion: 59 Resp: 58
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: 2.937 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.031 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion: 56 Resp: 30
Ion Ratio Lower Upper
56 100
55 3400.0 55.5 83.3#

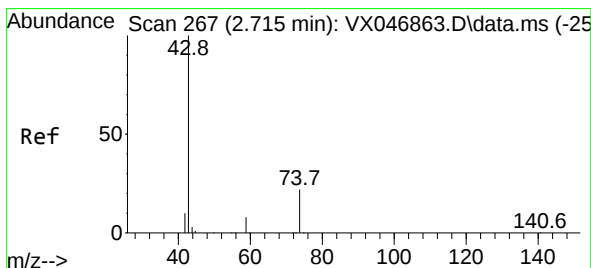
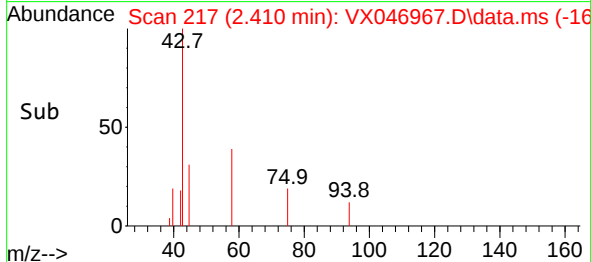
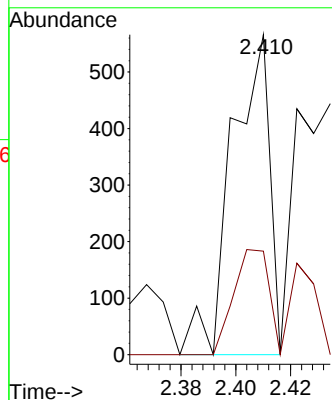
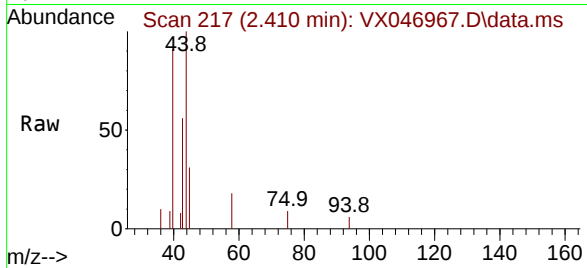




#16
Acetone
Concen: 0.435 ug/l
RT: 2.410 min Scan# 213
Delta R.T. 0.024 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

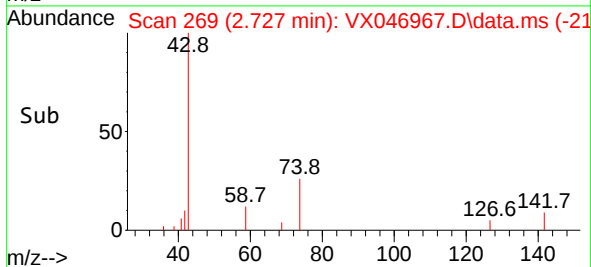
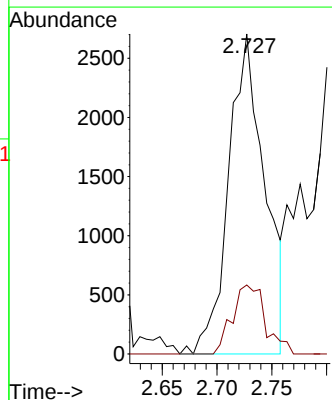
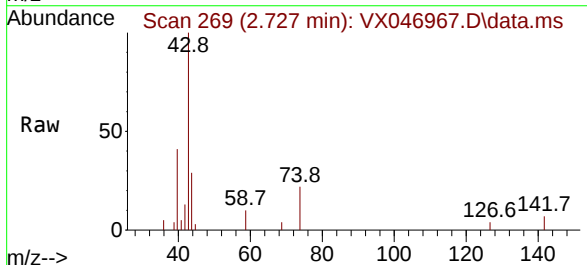
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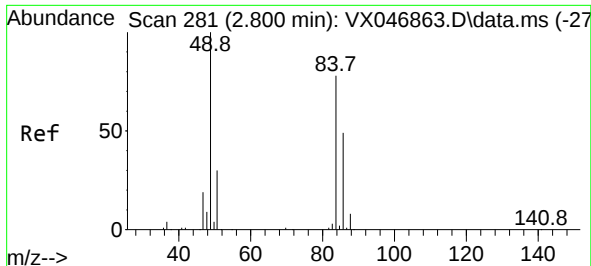
Tgt Ion: 43 Resp: 541
Ion Ratio Lower Upper
43 100
58 32.3 25.8 38.6



#18
Methyl Acetate
Concen: 1.887 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.012 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion: 43 Resp: 6181
Ion Ratio Lower Upper
43 100
74 19.8 18.3 27.5

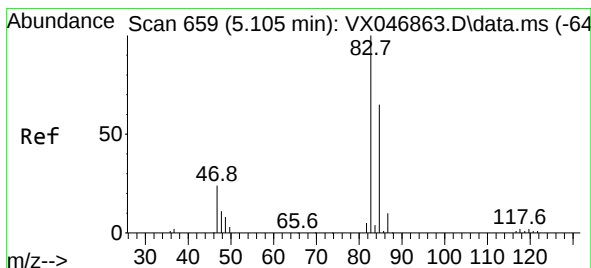
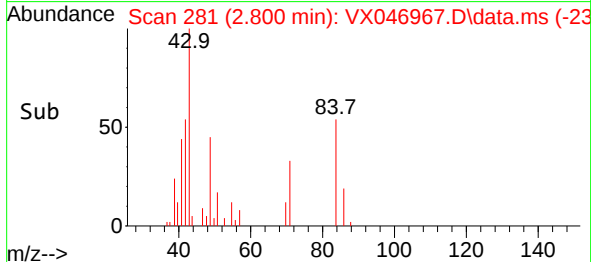
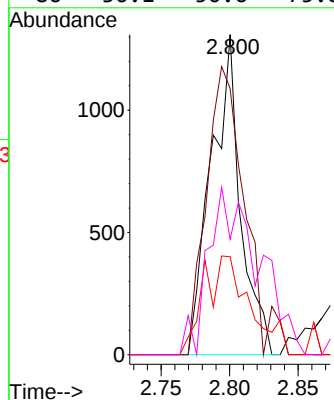
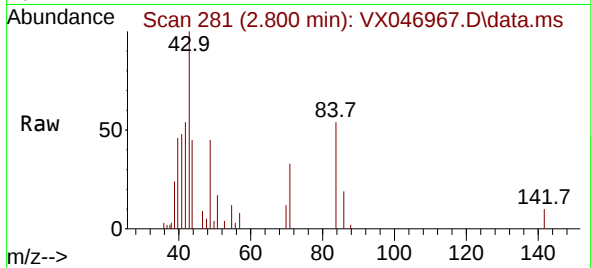




#20
Methylene Chloride
Concen: 0.530 ug/l
RT: 2.800 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

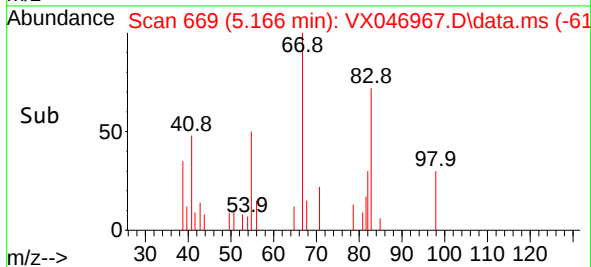
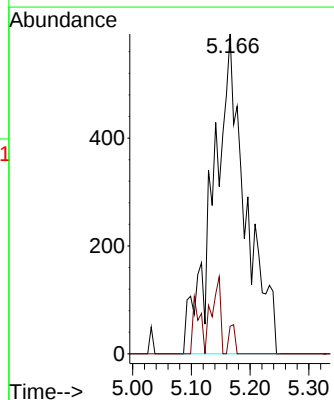
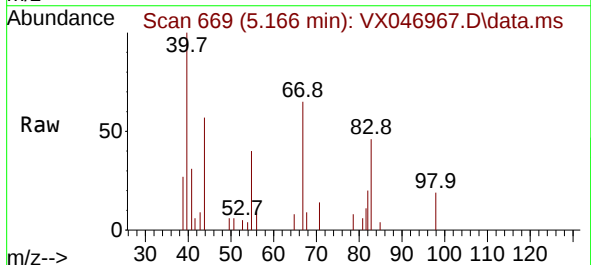
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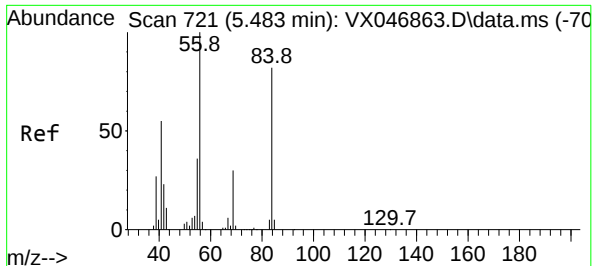
Tgt Ion:	84	Resp:	1948
Ion	Ratio	Lower	Upper
84	100		
49	83.2	102.8	154.2#
51	30.6	31.1	46.7#
86	36.1	50.6	75.8#



#30
Chloroform
Concen: 0.347 ug/l
RT: 5.166 min Scan# 669
Delta R.T. 0.061 min
Lab File: VX046967.D
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Tgt Ion:	83	Resp:	2283
Ion	Ratio	Lower	Upper
83	100		
85	8.6	51.8	77.8#

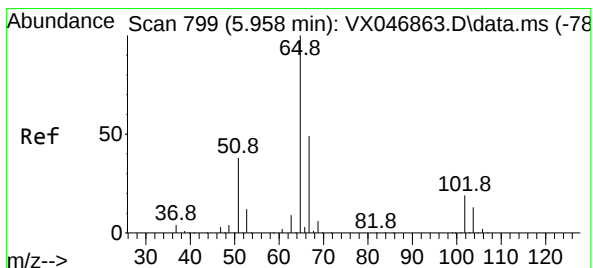
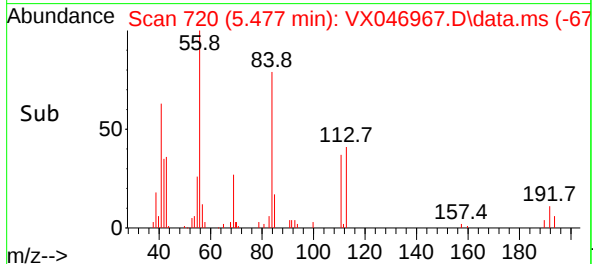
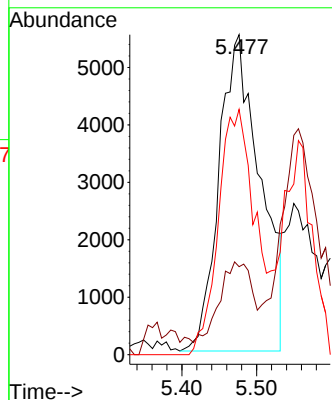
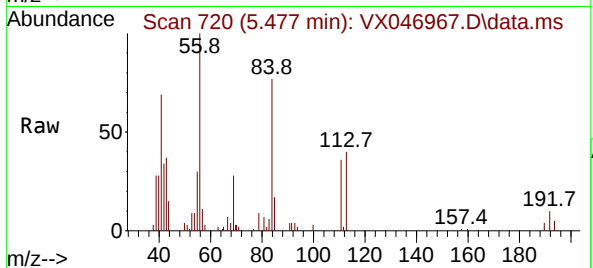




#31
Cyclohexane
Concen: 3.688 ug/l
RT: 5.477 min Scan# 721
Delta R.T. -0.006 min
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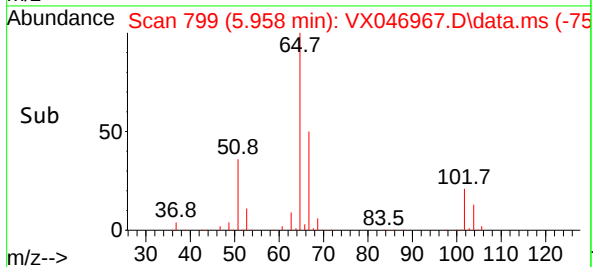
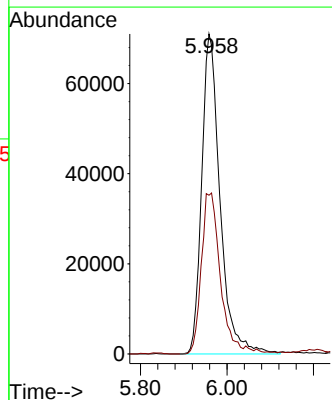
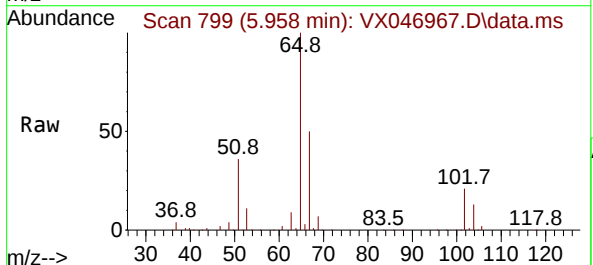
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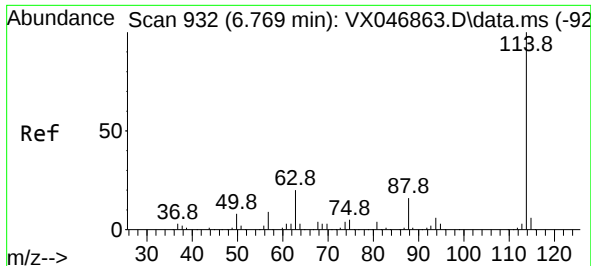
Tgt Ion: 56 Resp: 21084
Ion Ratio Lower Upper
56 100
69 25.0 24.0 36.0
84 77.5 66.5 99.7



#33
1,2-Dichloroethane-d4
Concen: 52.110 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion: 65 Resp: 208433
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.2

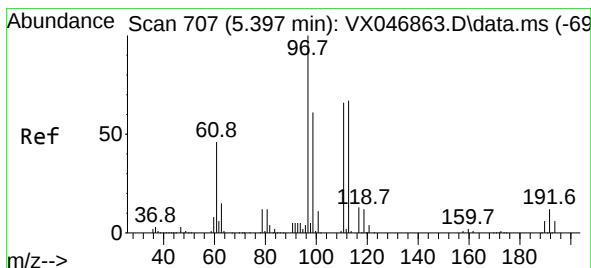
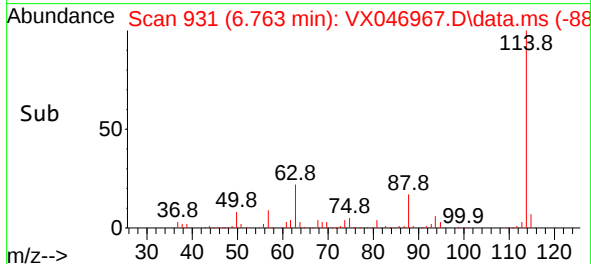
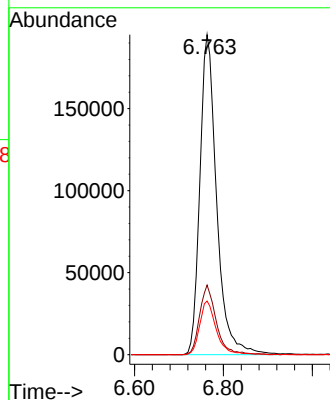
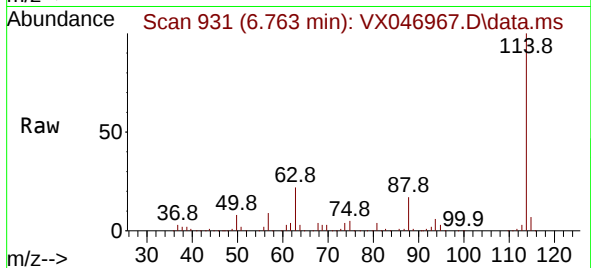




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

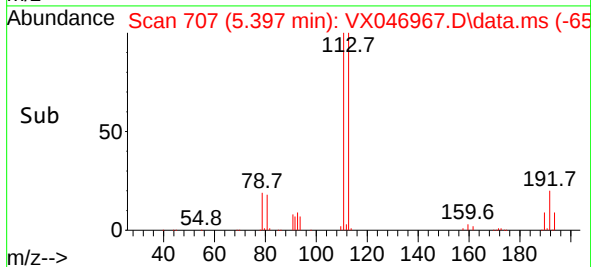
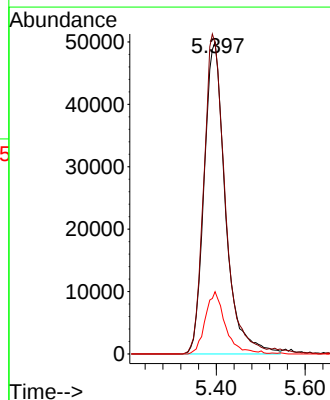
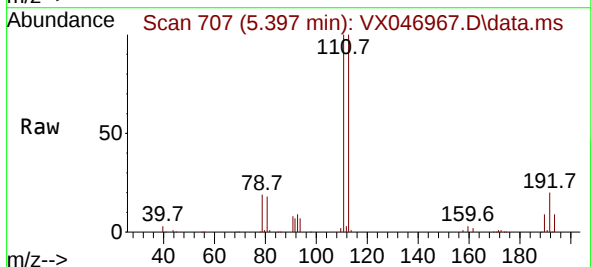
Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

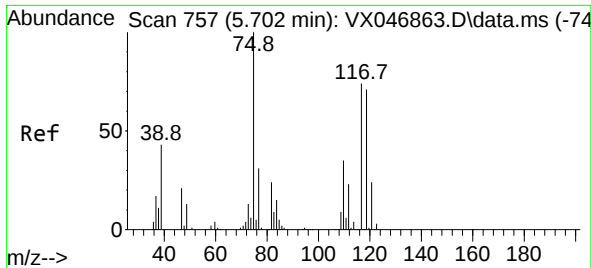
Tgt Ion:114 Resp: 512075
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.4
88 16.8 0.0 31.0



#35
Dibromofluoromethane
Concen: 47.909 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion:113 Resp: 166531
Ion Ratio Lower Upper
113 100
111 101.9 81.2 121.8
192 18.9 15.3 22.9

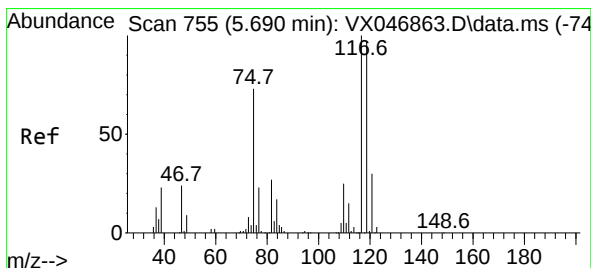
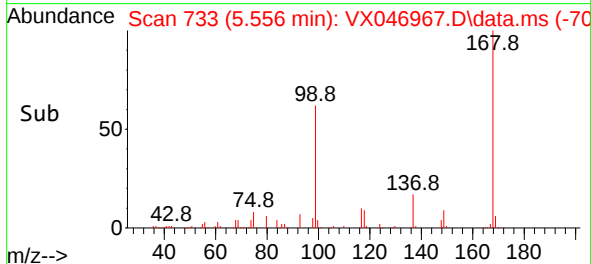
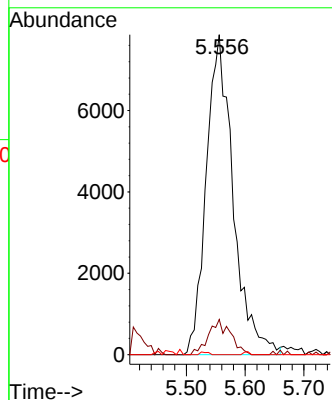
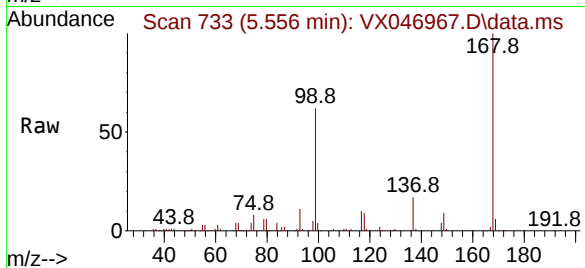




#36
1,1-Dichloropropene
Concen: 5.315 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

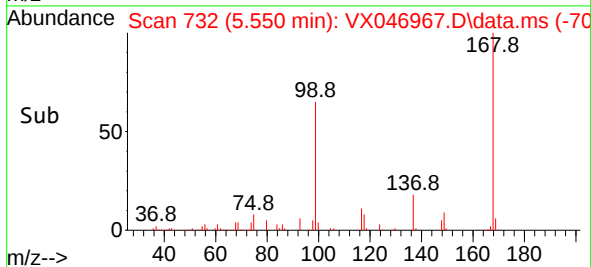
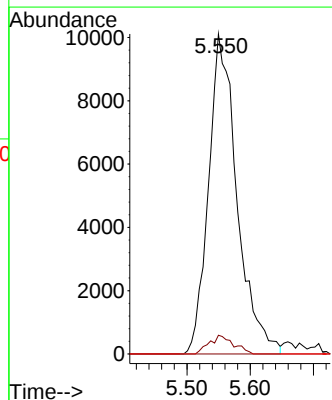
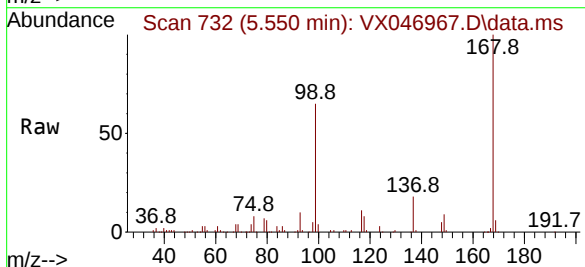
Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

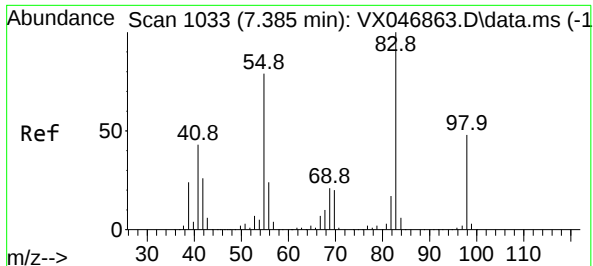
Tgt Ion: 75 Resp: 24926
Ion Ratio Lower Upper
75 100
110 9.0 17.3 51.9#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 6.372 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion: 117 Resp: 31596
Ion Ratio Lower Upper
117 100
119 5.8 76.6 114.8#
121 0.0 24.1 36.1#





#39

Methylcyclohexane

Concen: 19.536 ug/l

RT: 7.379 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX046967.D

Acq: 14 Jul 2025 12:49

Instrument :

MSVOA_X

ClientSampleId :

GPX2ME

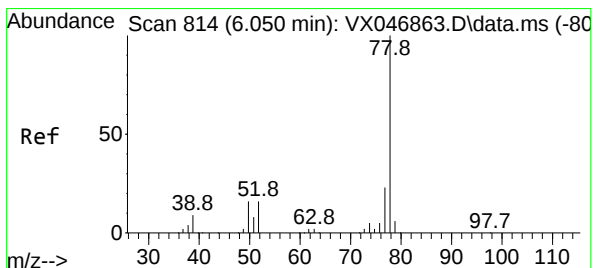
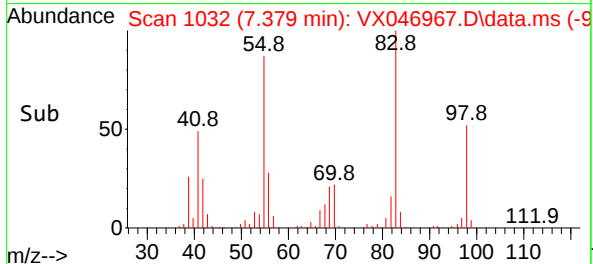
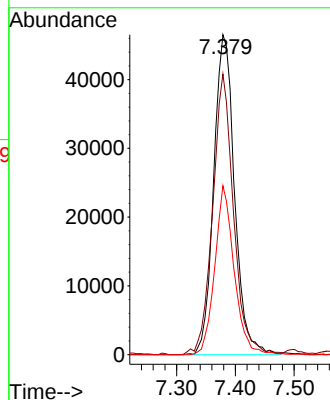
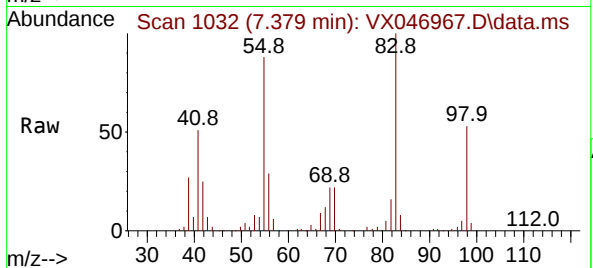
Tgt Ion: 83 Resp: 114611

Ion Ratio Lower Upper

83 100

55 87.7 63.0 94.4

98 52.8 38.5 57.7



#40

Benzene

Concen: 1.177 ug/l

RT: 6.050 min Scan# 814

Delta R.T. -0.000 min

Lab File: VX046967.D

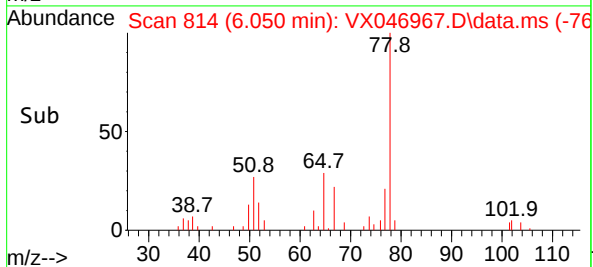
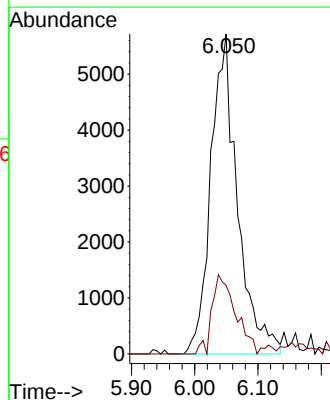
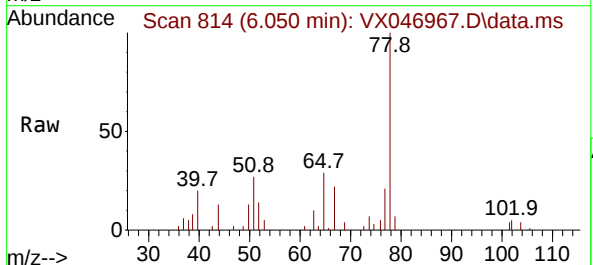
Acq: 14 Jul 2025 12:49

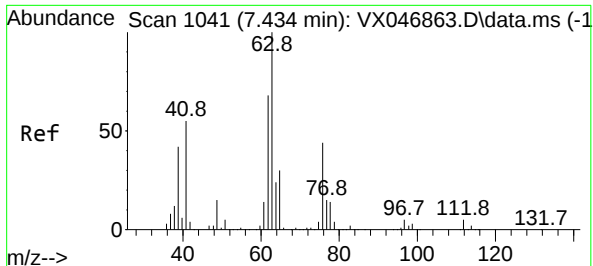
Tgt Ion: 78 Resp: 16692

Ion Ratio Lower Upper

78 100

77 21.4 18.7 28.1





#45

1,2-Dichloropropane

Concen: 0.431 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. -0.043 min

Lab File: VX046967.D

Acq: 14 Jul 2025 12:49

Instrument :

MSVOA_X

ClientSampleId :

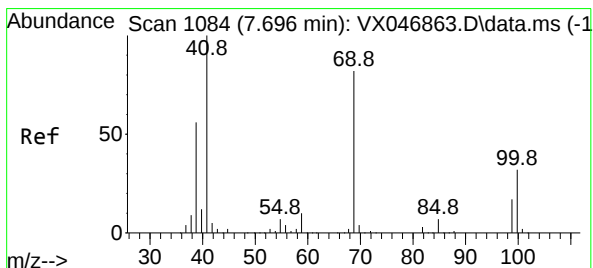
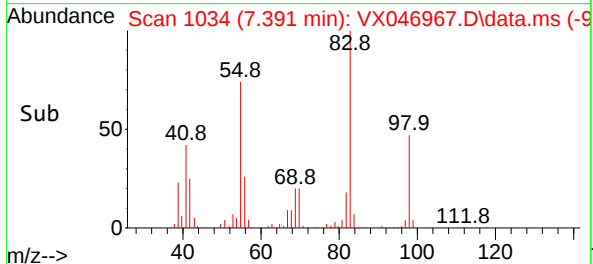
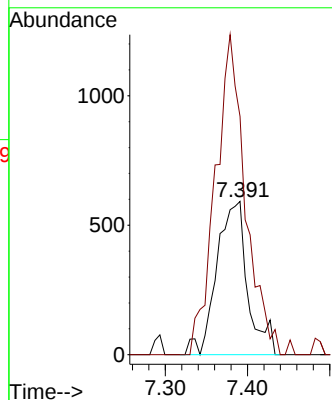
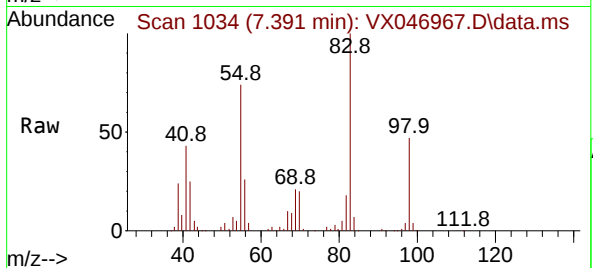
GPX2ME

Tgt Ion: 63 Resp: 1543

Ion Ratio Lower Upper

63 100

65 155.4 24.2 36.2#



#48

Methyl methacrylate

Concen: 2.595 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.037 min

Lab File: VX046967.D

Acq: 14 Jul 2025 12:49

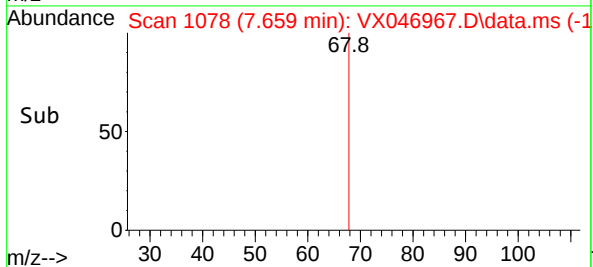
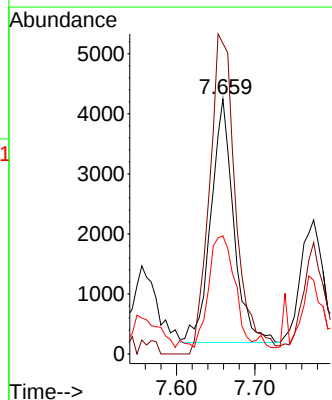
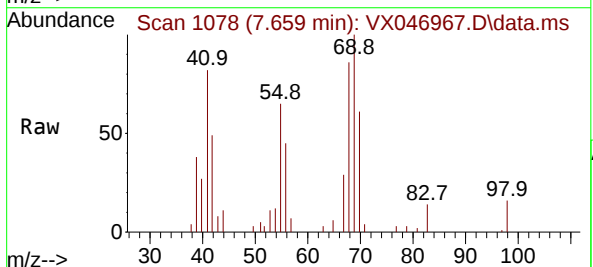
Tgt Ion: 41 Resp: 8197

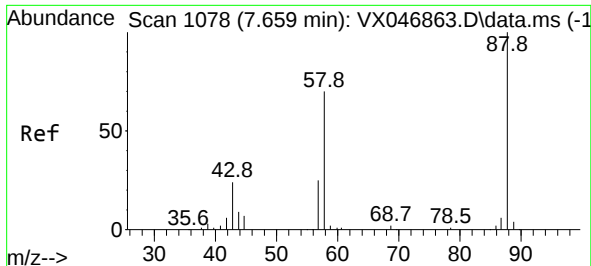
Ion Ratio Lower Upper

41 100

69 152.1 65.8 98.8#

39 51.5 43.8 65.6

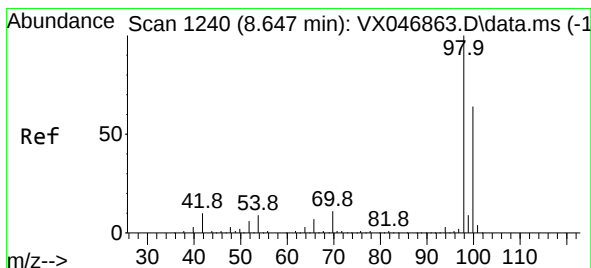
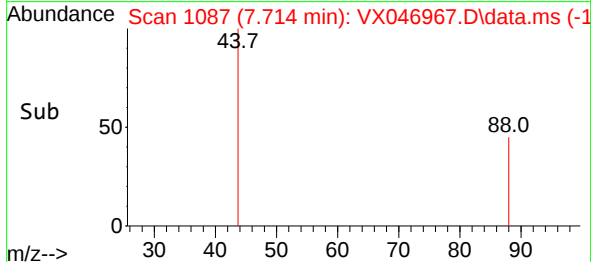
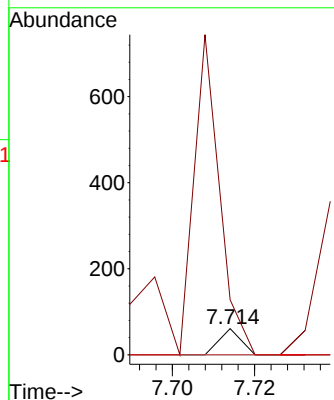
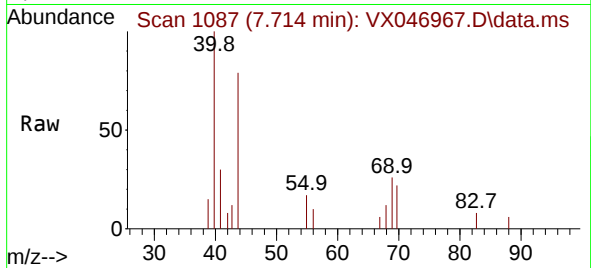




#49
 1,4-Dioxane
 Concen: 0.601 ug/l
 RT: 7.714 min Scan# 1087
 Delta R.T. 0.055 min
 Lab File: VX046967.D
 Acq: 14 Jul 2025 12:49

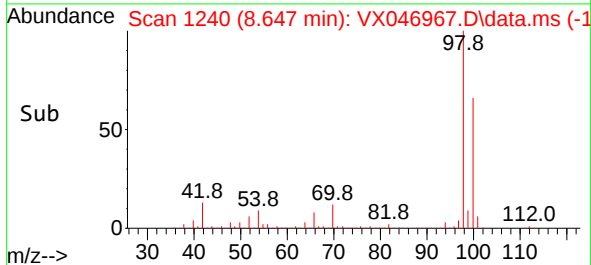
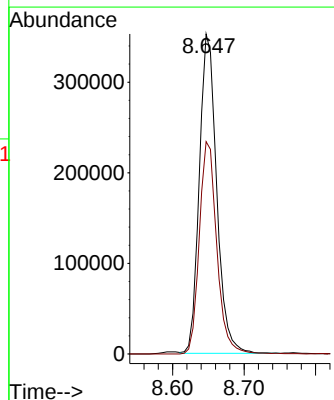
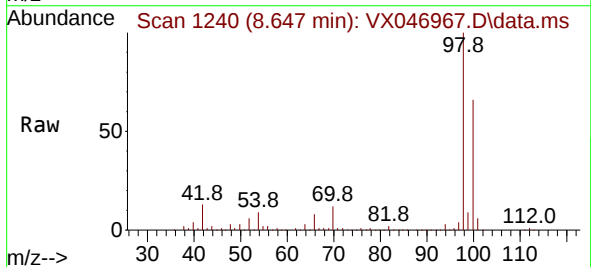
Instrument :
 MSVOA_X
 ClientSampleId :
 GPX2ME

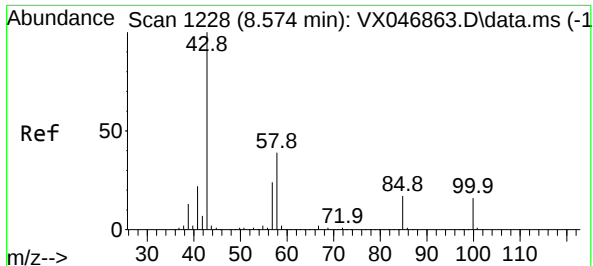
Tgt Ion: 88 Resp: 22
 Ion Ratio Lower Upper
 88 100
 43 1750.0 31.7 47.5#
 58 0.0 57.5 86.3#



#50
 Toluene-d8
 Concen: 48.373 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX046967.D
 Acq: 14 Jul 2025 12:49

Tgt Ion: 98 Resp: 593241
 Ion Ratio Lower Upper
 98 100
 100 67.1 53.0 79.6

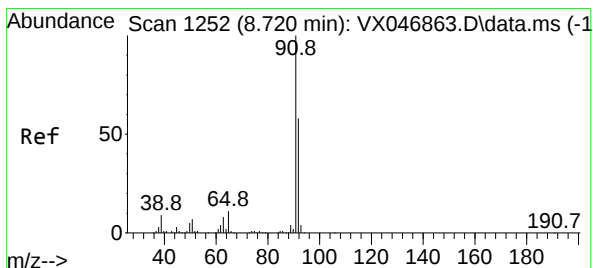
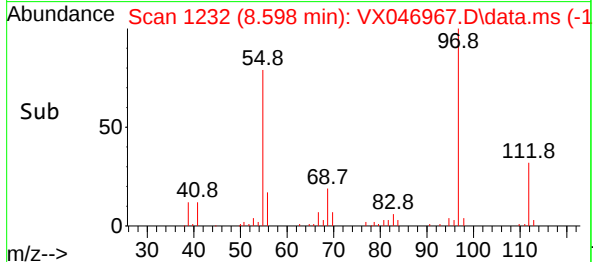
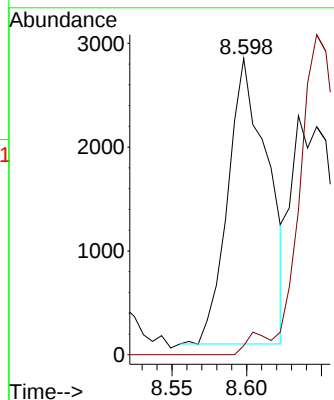
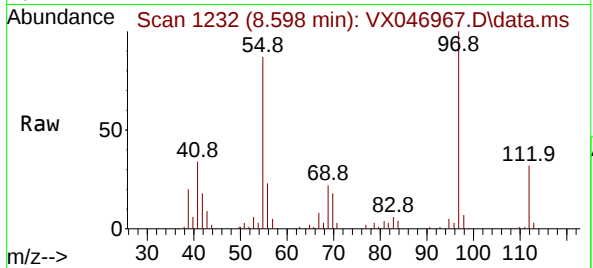




#51
4-Methyl-2-Pentanone
Concen: 1.402 ug/l
RT: 8.598 min Scan# 11
Delta R.T. 0.024 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

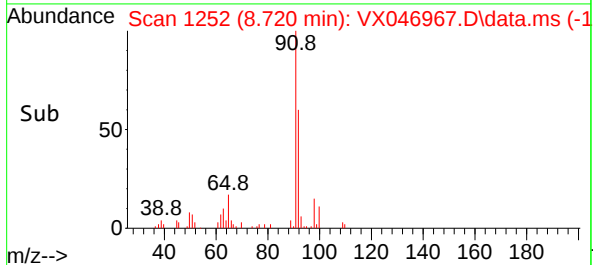
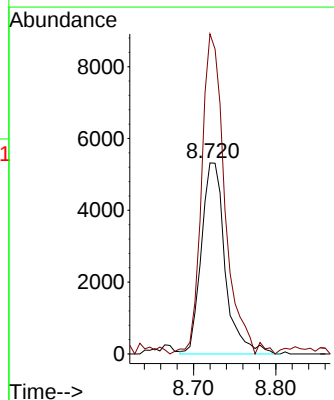
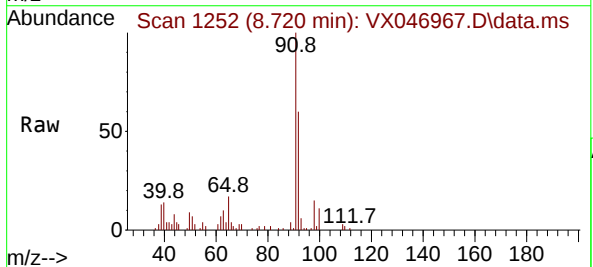
Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

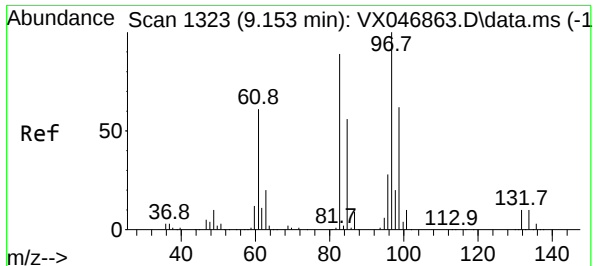
Tgt Ion: 43 Resp: 5063
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#52
Toluene
Concen: 1.216 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion: 92 Resp: 10690
Ion Ratio Lower Upper
92 100
91 162.0 137.9 206.9





#55

1,1,2-Trichloroethane

Concen: 7.769 ug/l

RT: 9.104 min Scan# 1

Delta R.T. -0.049 min

Lab File: VX046967.D

Acq: 14 Jul 2025 12:49

Instrument :

MSVOA_X

ClientSampleId :

GPX2ME

Tgt Ion: 97 Resp: 25435

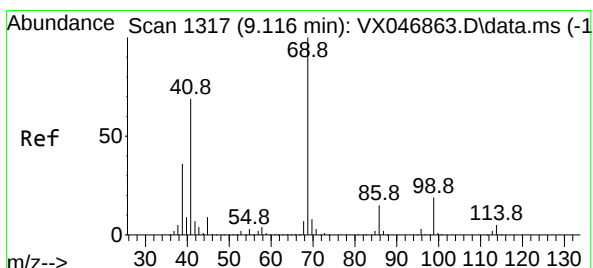
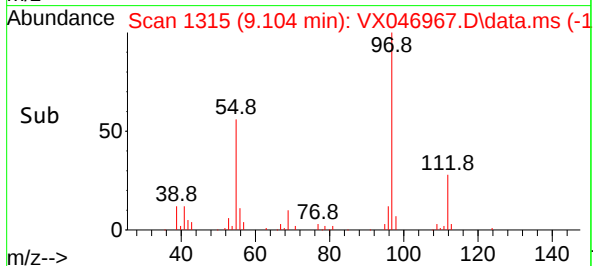
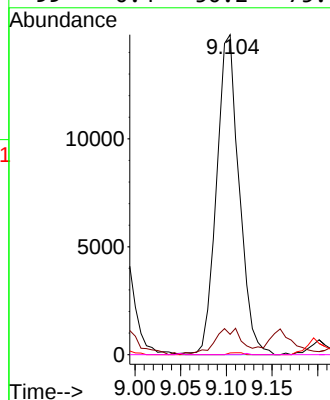
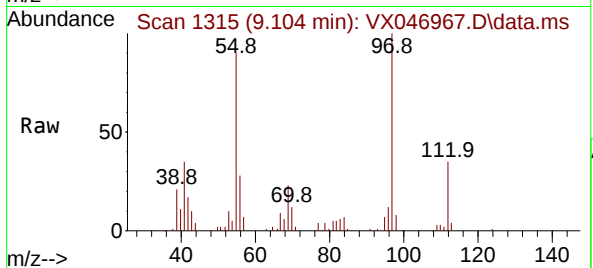
Ion Ratio Lower Upper

97 100

83 6.4 70.9 106.3#

85 0.6 44.6 67.0#

99 0.4 50.2 75.4#



#56

Ethyl methacrylate

Concen: 1.446 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. -0.018 min

Lab File: VX046967.D

Acq: 14 Jul 2025 12:49

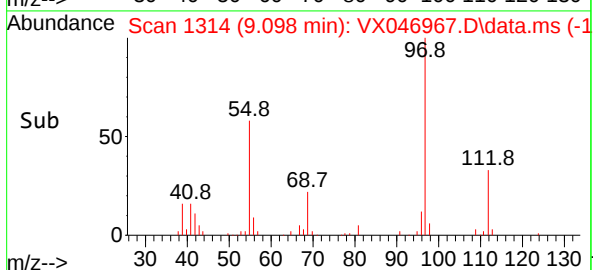
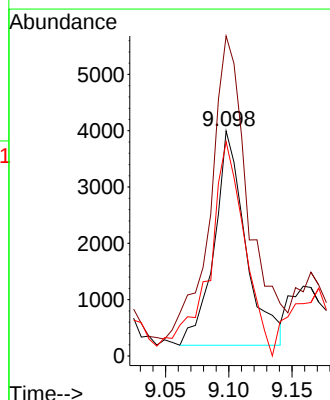
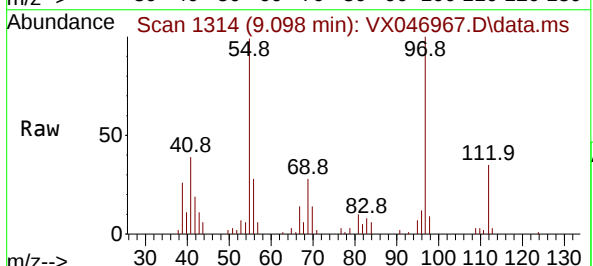
Tgt Ion: 69 Resp: 6554

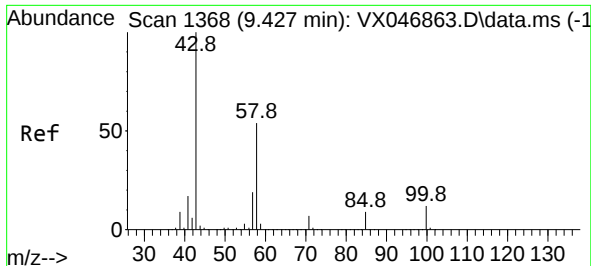
Ion Ratio Lower Upper

69 100

41 169.6 54.6 82.0#

39 115.1 28.7 43.1#

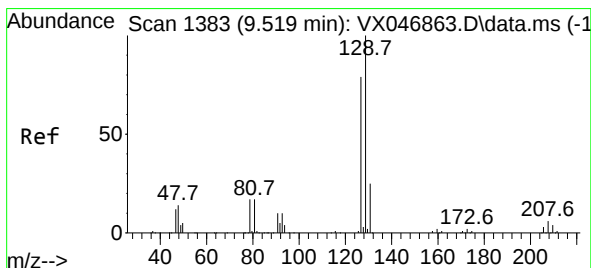
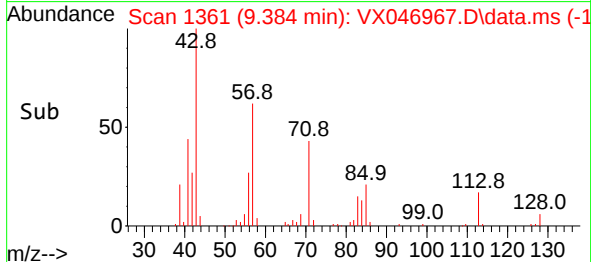
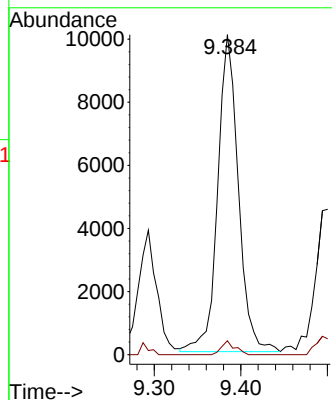
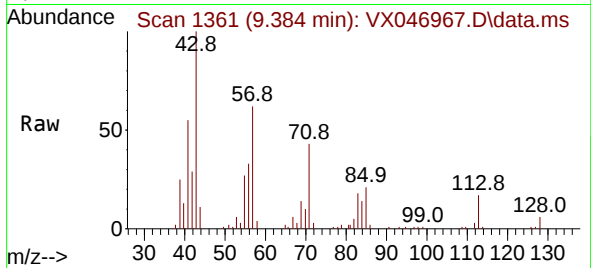




#59
2-Hexanone
Concen: 6.959 ug/l
RT: 9.384 min Scan# 11
Delta R.T. -0.043 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

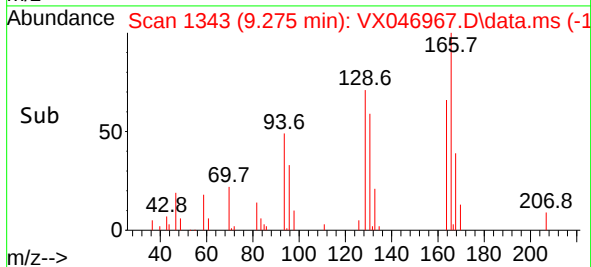
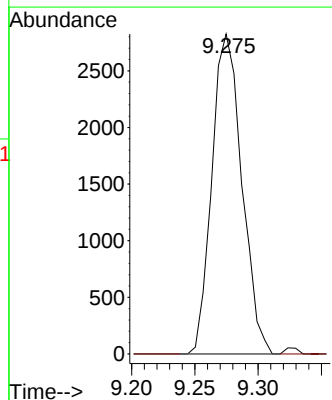
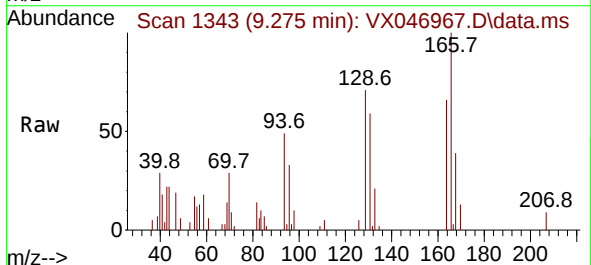
Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

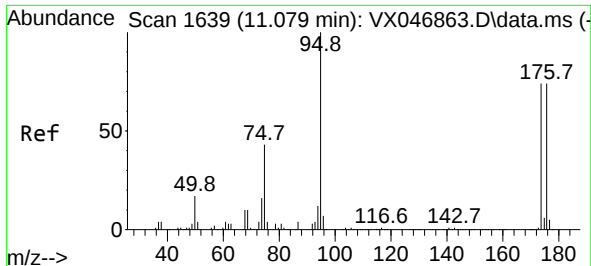
Tgt Ion: 43 Resp: 16667
Ion Ratio Lower Upper
43 100
58 2.9 27.1 81.3#



#60
Dibromochloromethane
Concen: 1.185 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion:129 Resp: 4645
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.5#

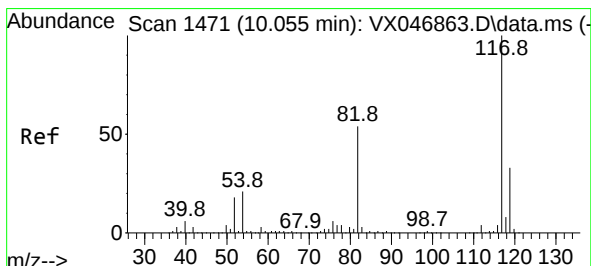
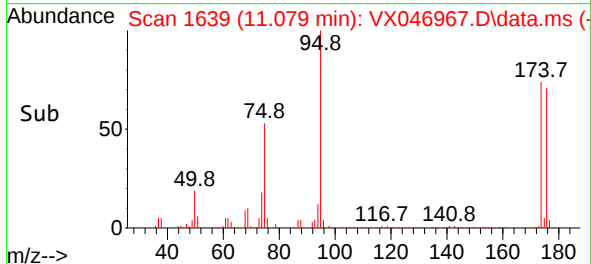
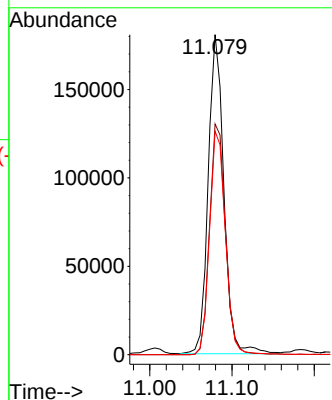
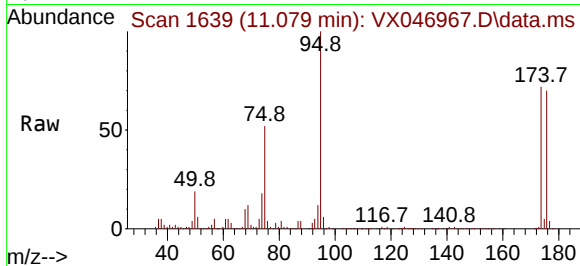




#62
4-Bromofluorobenzene
Concen: 51.293 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

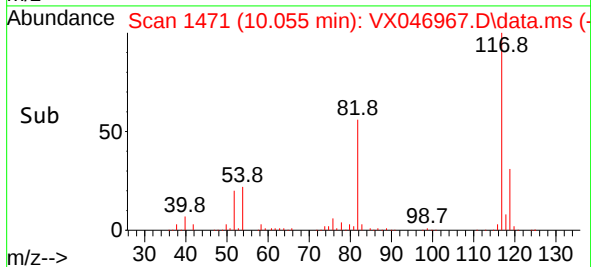
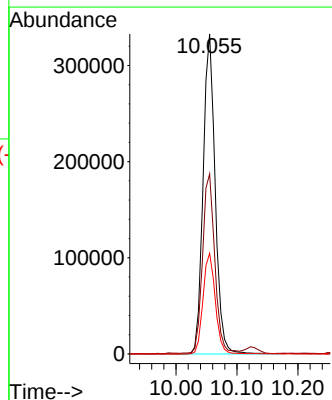
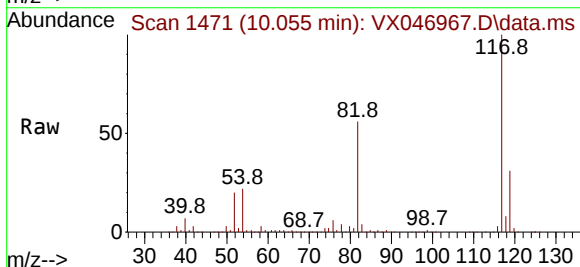
Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

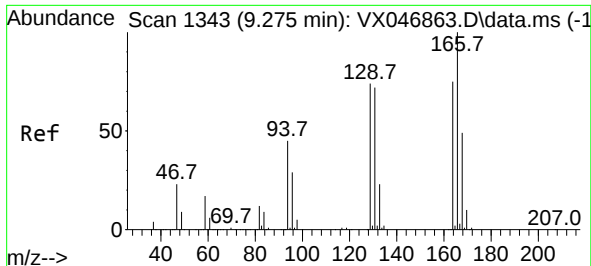
Tgt Ion: 95 Resp: 239079
Ion Ratio Lower Upper
95 100
174 73.2 0.0 152.0
176 71.0 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion: 117 Resp: 458895
Ion Ratio Lower Upper
117 100
82 56.0 43.3 64.9
119 31.4 26.4 39.6

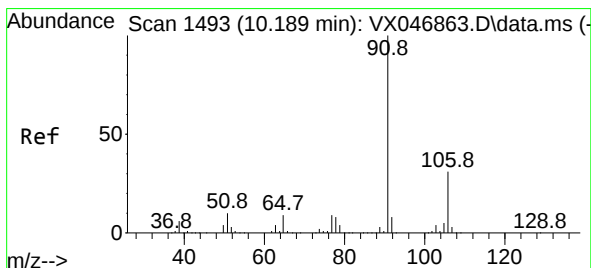
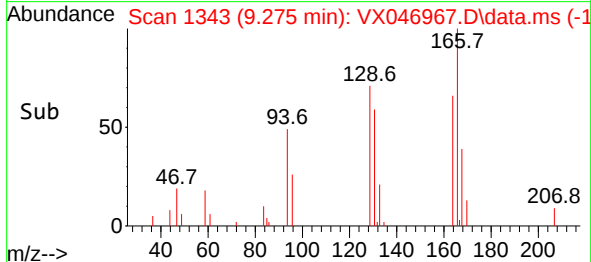
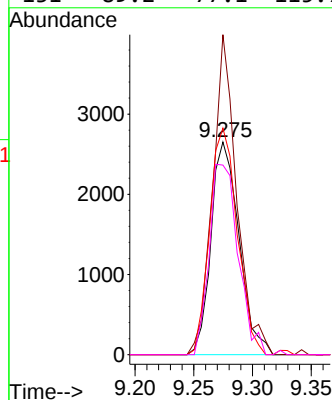
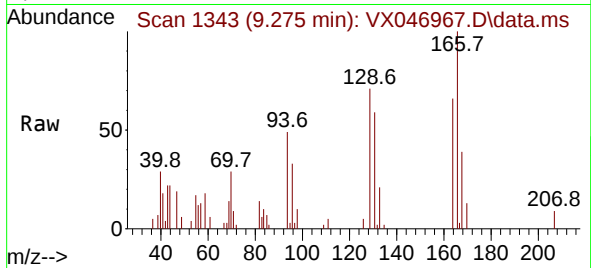




#64
Tetrachloroethene
Concen: 1.438 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

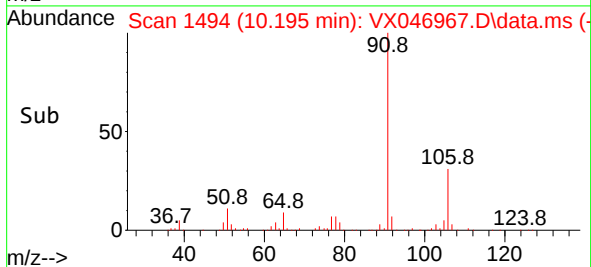
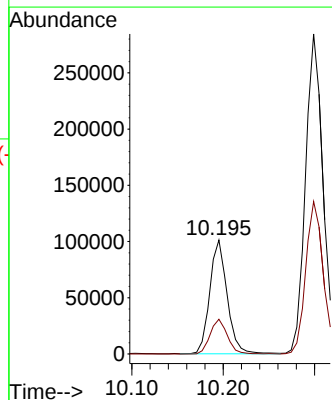
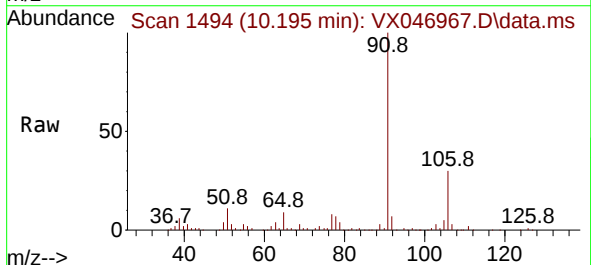
Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

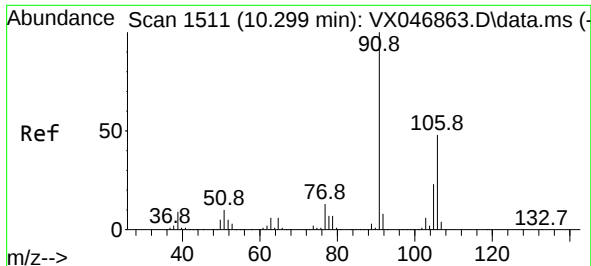
Tgt Ion:164 Resp: 4393
Ion Ratio Lower Upper
164 100
166 150.5 107.0 160.6
129 106.6 79.7 119.5
131 89.2 77.1 115.7



#67
Ethyl Benzene
Concen: 7.850 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion: 91 Resp: 133370
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6

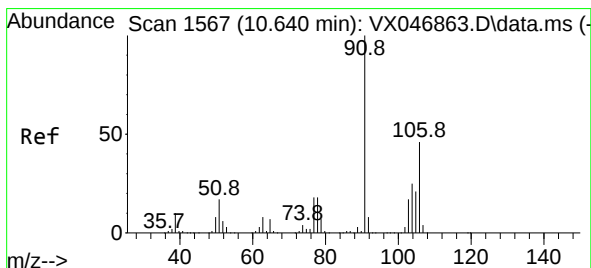
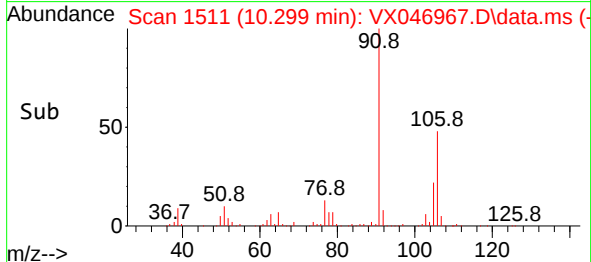
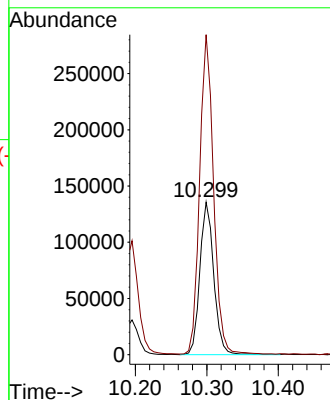
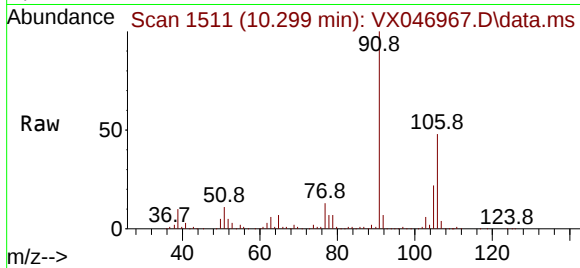




#68
m/p-Xylenes
Concen: 28.553 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

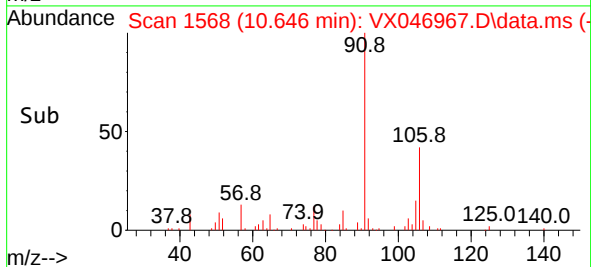
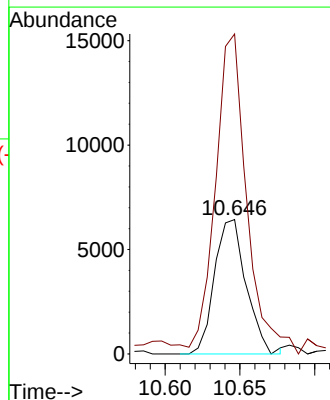
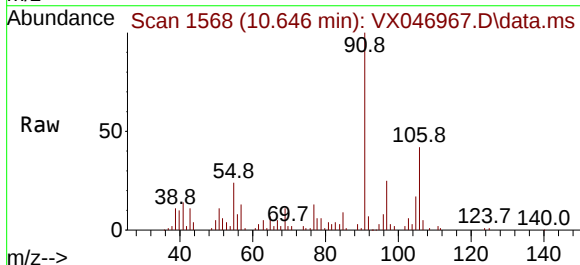
Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

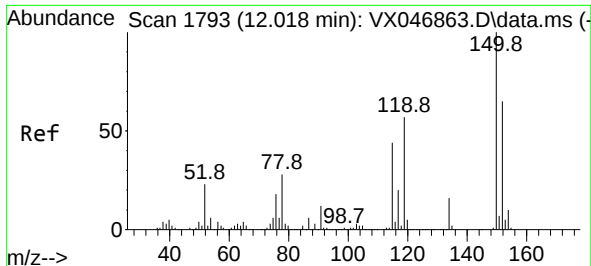
Tgt Ion:106 Resp: 182808
Ion Ratio Lower Upper
106 100
91 209.0 164.6 246.8



#69
o-Xylene
Concen: 1.532 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion:106 Resp: 9474
Ion Ratio Lower Upper
106 100
91 235.5 109.5 328.5

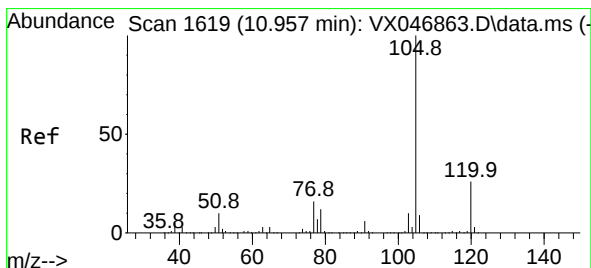
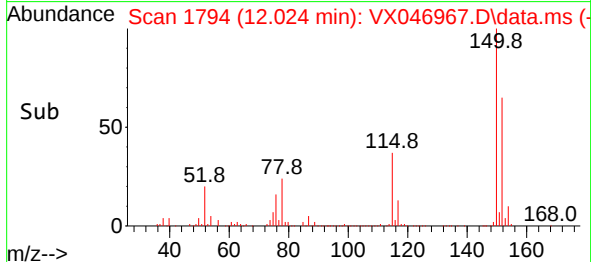
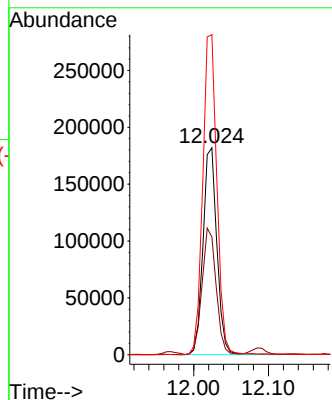
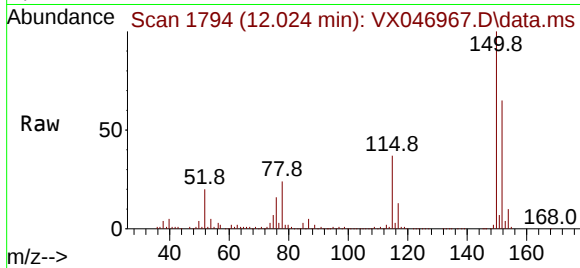




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

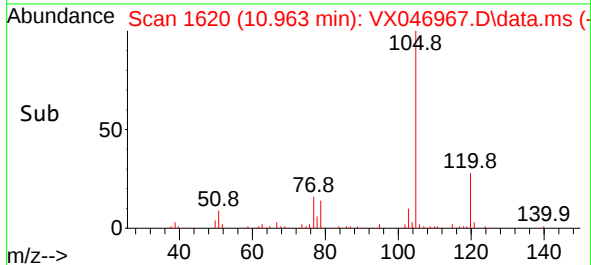
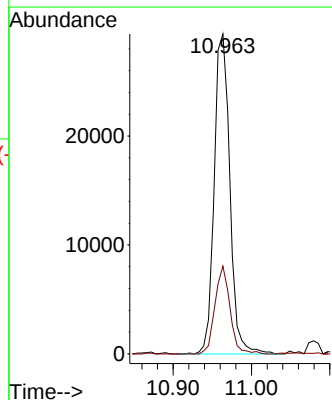
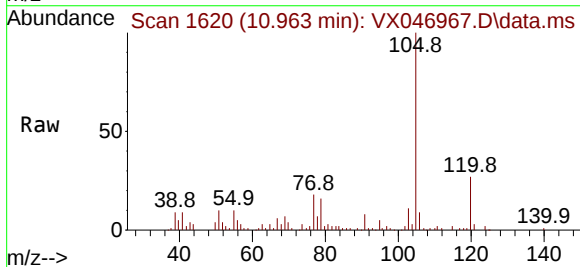
Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

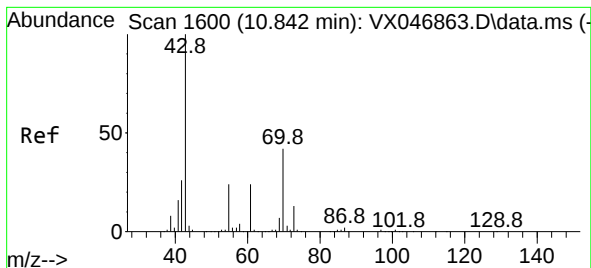
Tgt Ion:152 Resp: 234758
Ion Ratio Lower Upper
152 100
115 61.8 42.4 127.1
150 157.4 0.0 349.2



#73
Isopropylbenzene
Concen: 2.471 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion:105 Resp: 40776
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5





#74

N-amy1 acetate

Concen: 2.018 ug/l

RT: 10.854 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX046967.D

Acq: 14 Jul 2025 12:49

Instrument :

MSVOA_X

ClientSampleId :

GPX2ME

Tgt Ion: 43 Resp: 11319

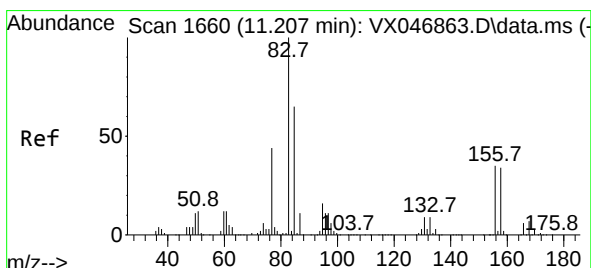
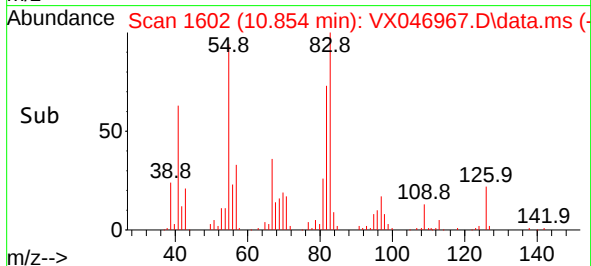
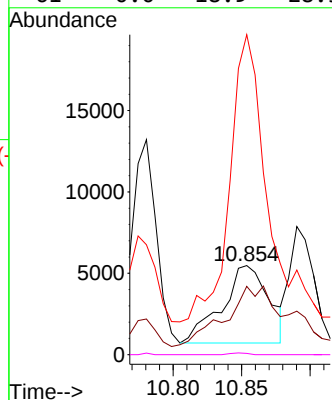
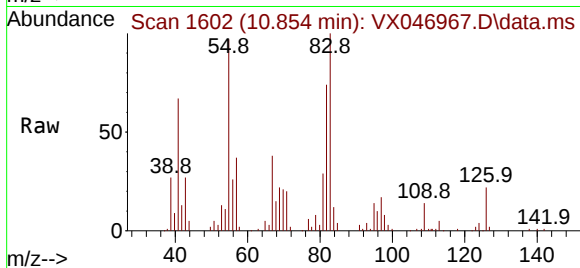
Ion Ratio Lower Upper

43 100

70 105.3 33.4 50.2#

55 301.6 19.6 29.4#

61 0.0 18.9 28.3#



#75

1,1,2,2-Tetrachloroethane

Concen: 1.304 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX046967.D

Acq: 14 Jul 2025 12:49

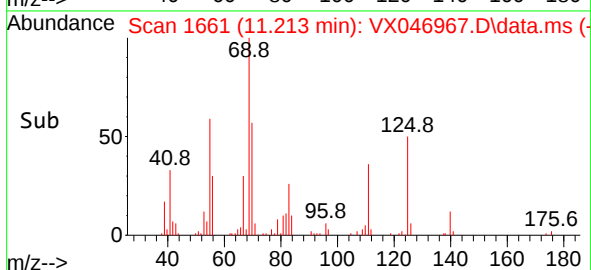
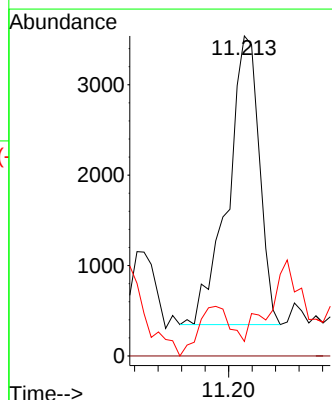
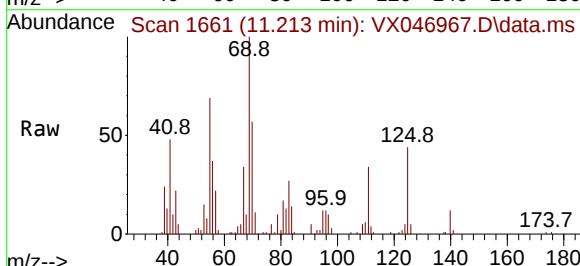
Tgt Ion: 83 Resp: 5917

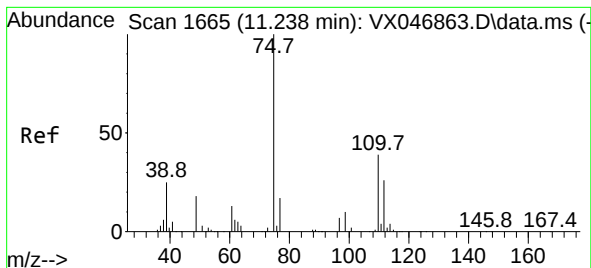
Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 0.0 32.1 96.5#





#76

1,2,3-Trichloropropane

Concen: 1.305 ug/l

RT: 11.378 min Scan# 1688

Delta R.T. 0.140 min

Lab File: VX046967.D

Acq: 14 Jul 2025 12:49

Instrument :

MSVOA_X

ClientSampleId :

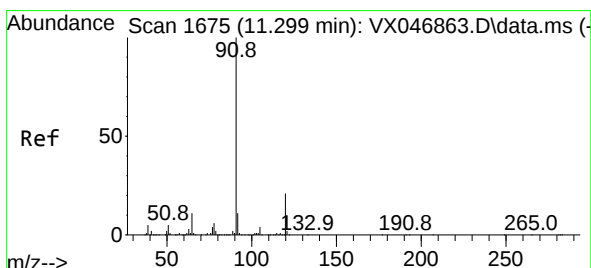
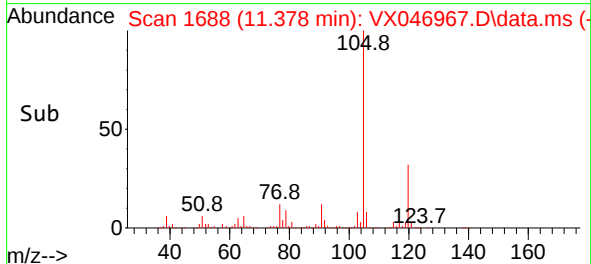
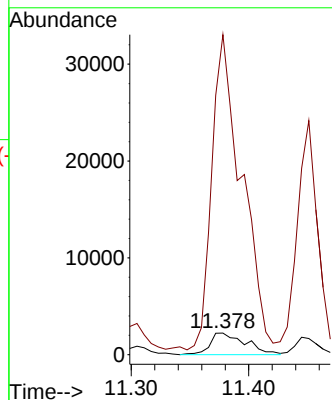
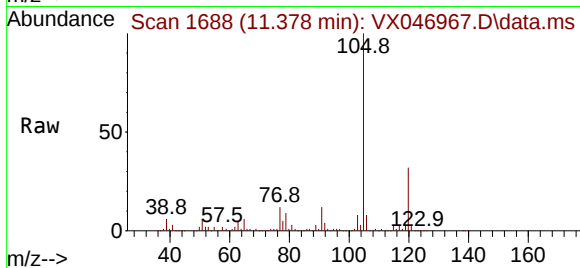
GPX2ME

Tgt Ion: 75 Resp: 4735

Ion Ratio Lower Upper

75 100

77 1228.6 20.6 61.8#



#78

n-propylbenzene

Concen: 4.986 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX046967.D

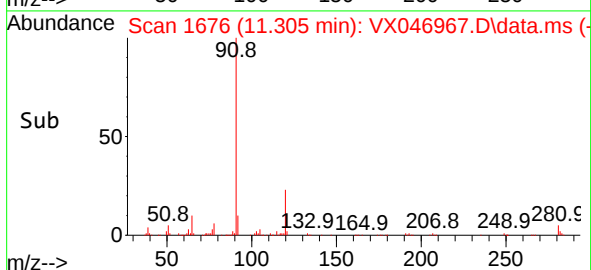
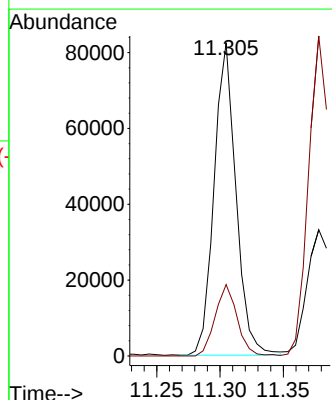
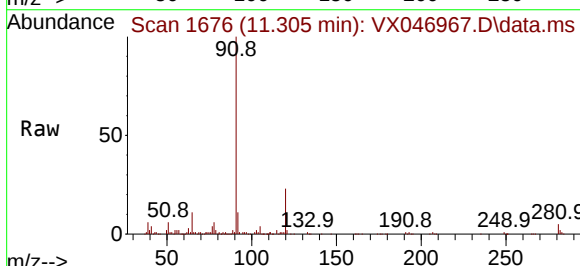
Acq: 14 Jul 2025 12:49

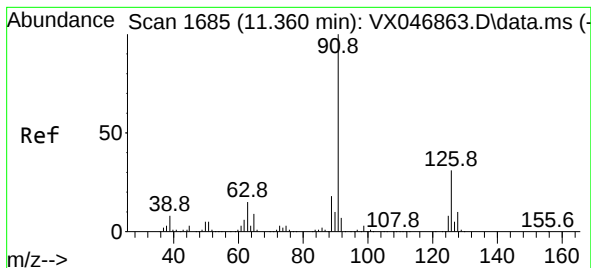
Tgt Ion: 91 Resp: 99217

Ion Ratio Lower Upper

91 100

120 23.0 11.2 33.5





#79

2-Chlorotoluene

Concen: 5.107 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.018 min

Lab File: VX046967.D

Acq: 14 Jul 2025 12:49

Instrument :

MSVOA_X

ClientSampleId :

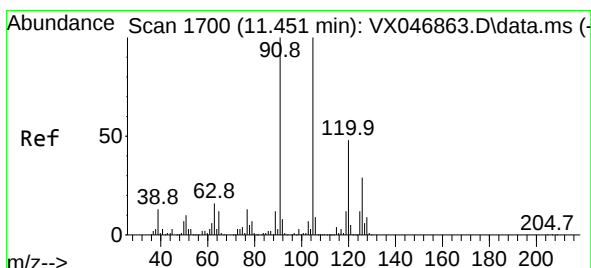
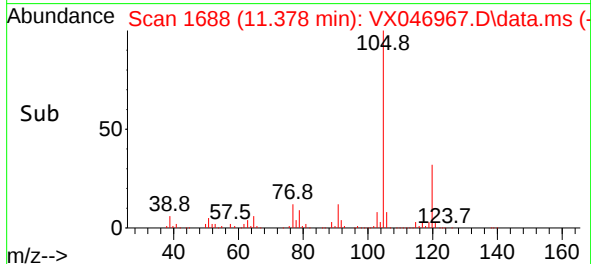
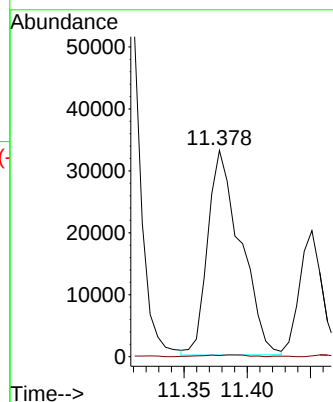
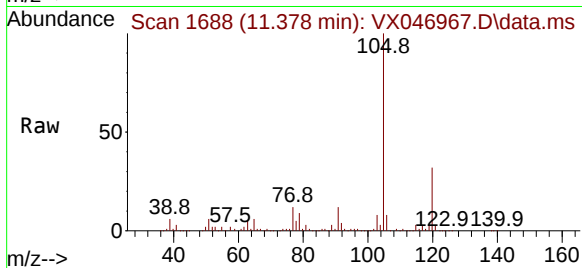
GPX2ME

Tgt Ion: 91 Resp: 60003

Ion Ratio Lower Upper

91 100

126 1.1 16.6 49.8#



#80

1,3,5-Trimethylbenzene

Concen: 16.259 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX046967.D

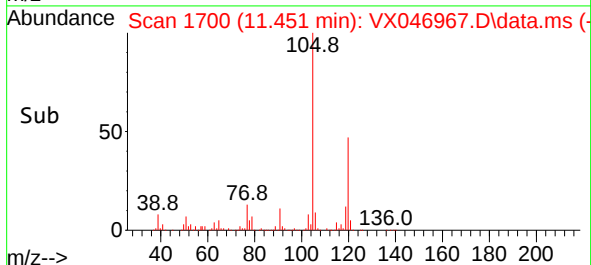
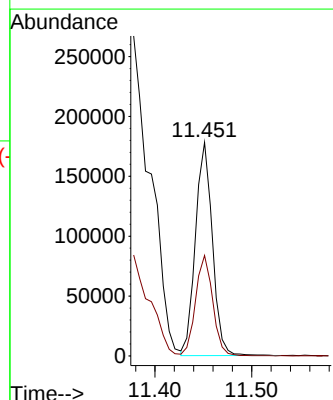
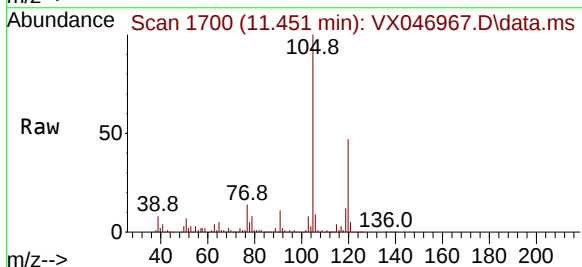
Acq: 14 Jul 2025 12:49

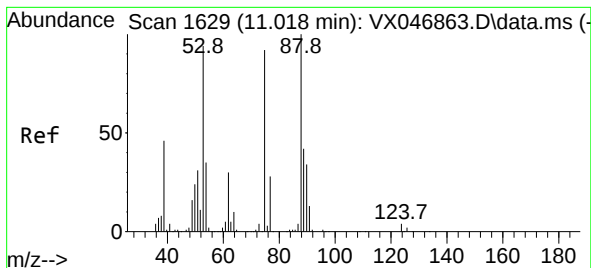
Tgt Ion:105 Resp: 218024

Ion Ratio Lower Upper

105 100

120 47.8 24.1 72.4

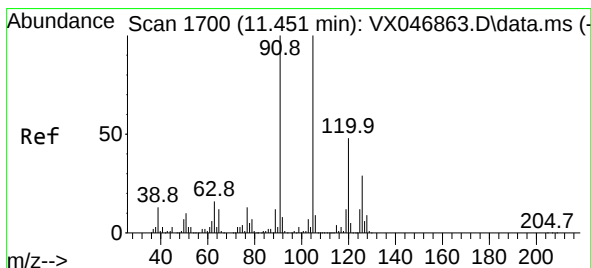
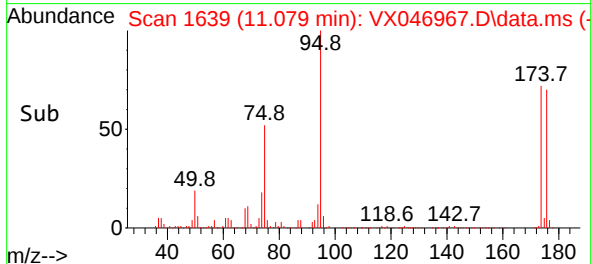
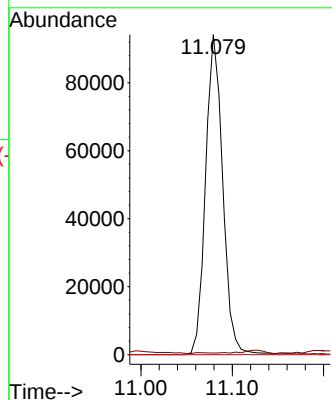
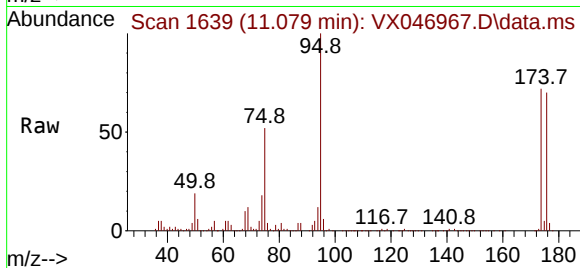




#81
trans-1,4-Dichloro-2-butene
Concen: 90.493 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

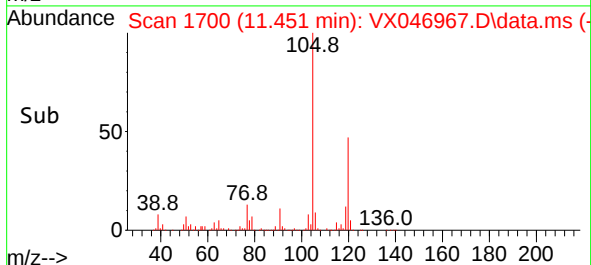
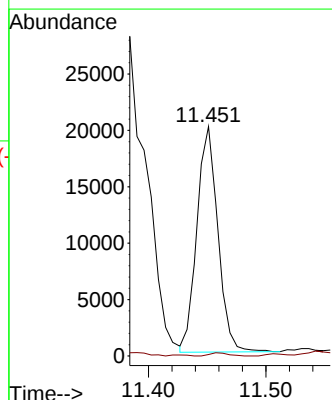
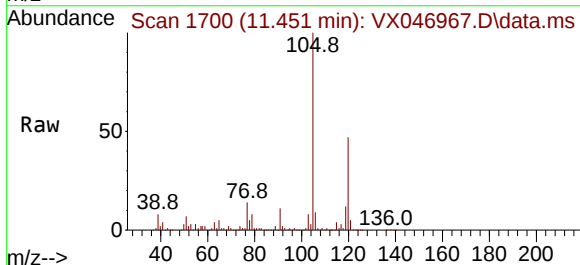
Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

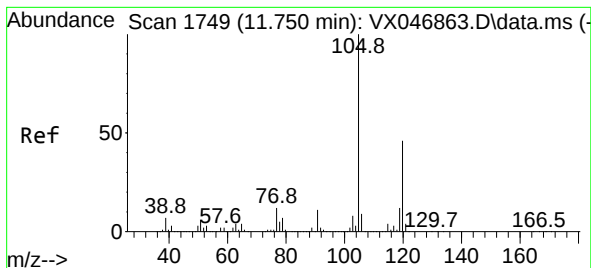
Tgt Ion: 75 Resp: 122322
Ion Ratio Lower Upper
75 100
53 0.2 83.7 125.5#
89 0.0 38.2 57.2#



#82
4-Chlorotoluene
Concen: 1.838 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion: 91 Resp: 24926
Ion Ratio Lower Upper
91 100
126 1.2 14.6 44.0#





#84

1,2,4-Trimethylbenzene

Concen: 43.962 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX046967.D

Acq: 14 Jul 2025 12:49

Instrument :

MSVOA_X

ClientSampleId :

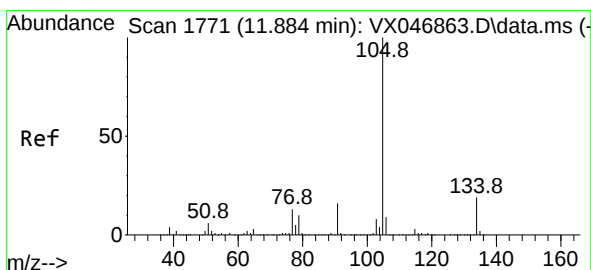
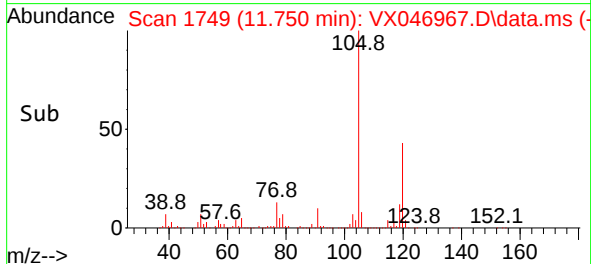
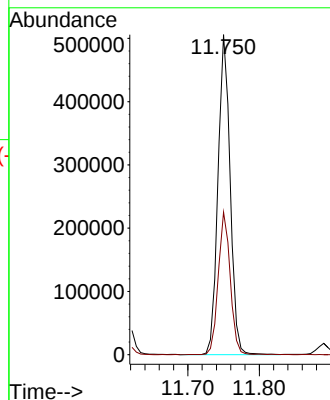
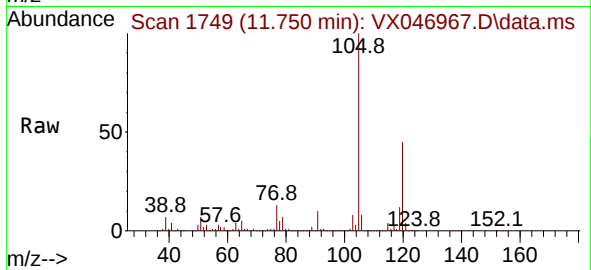
GPX2ME

Tgt Ion:105 Resp: 595843

Ion Ratio Lower Upper

105 100

120 44.0 23.3 69.8



#85

sec-Butylbenzene

Concen: 1.209 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VX046967.D

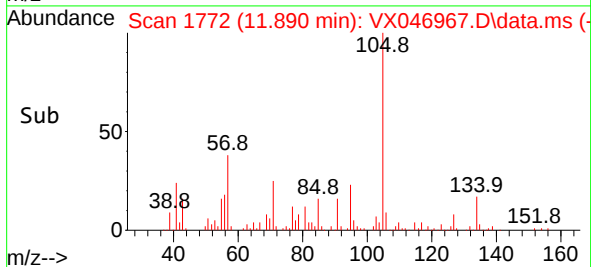
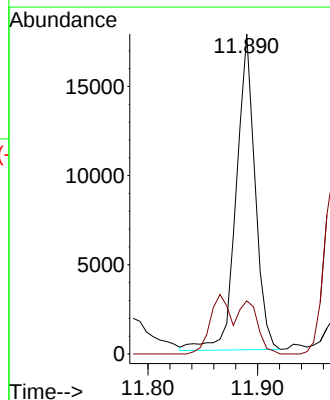
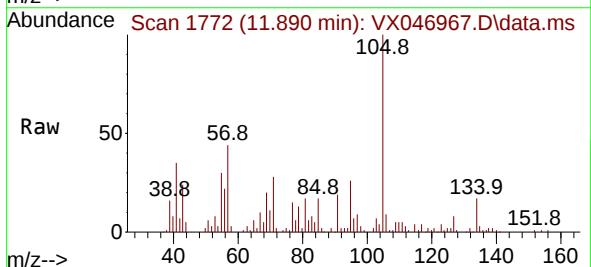
Acq: 14 Jul 2025 12:49

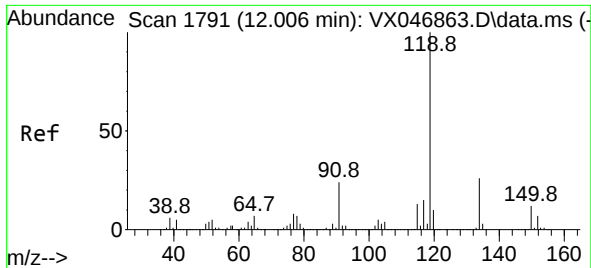
Tgt Ion:105 Resp: 21120

Ion Ratio Lower Upper

105 100

134 17.0 9.9 29.7

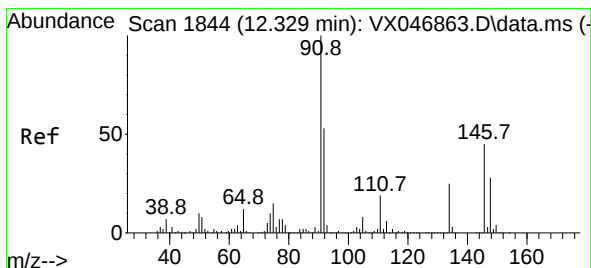
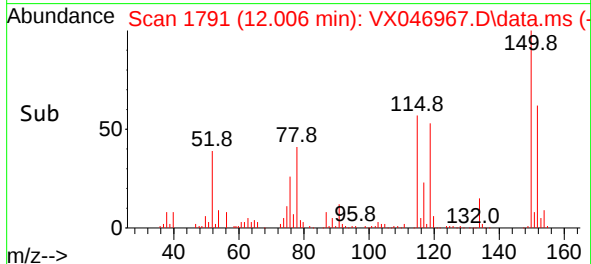
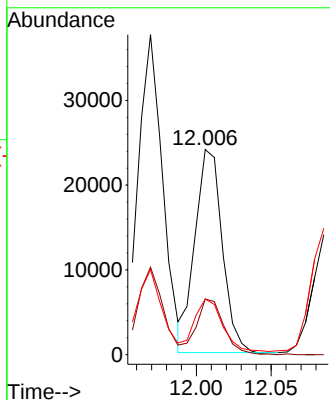
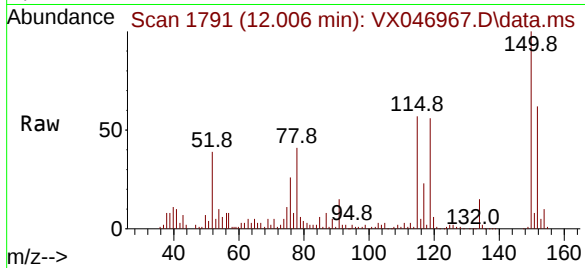




#86
p-Isopropyltoluene
Concen: 2.081 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

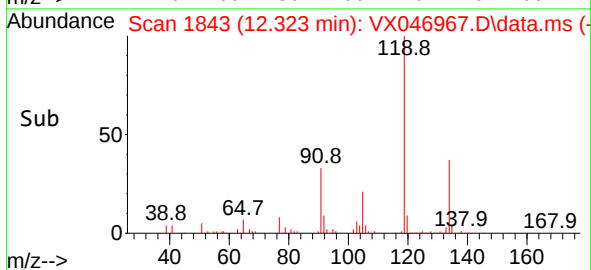
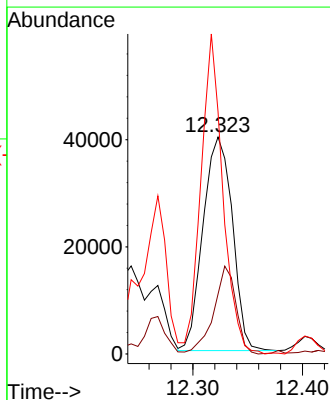
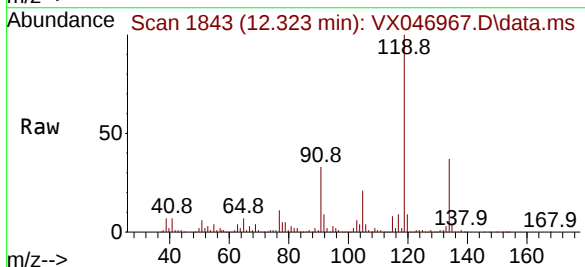
Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

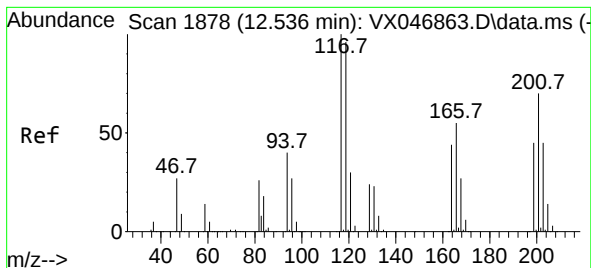
Tgt Ion:119 Resp: 30435
Ion Ratio Lower Upper
119 100
134 27.8 13.0 39.0
91 26.4 12.0 36.1



#89
n-Butylbenzene
Concen: 5.408 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

Tgt Ion: 91 Resp: 74302
Ion Ratio Lower Upper
91 100
92 31.1 27.0 81.0
134 110.2 12.8 38.4#





#90

Hexachloroethane

Concen: 3.880 ug/l

RT: 12.530 min Scan# 117

Delta R.T. -0.006 min

Lab File: VX046967.D

Acq: 14 Jul 2025 12:49

Instrument :

MSVOA_X

ClientSampleId :

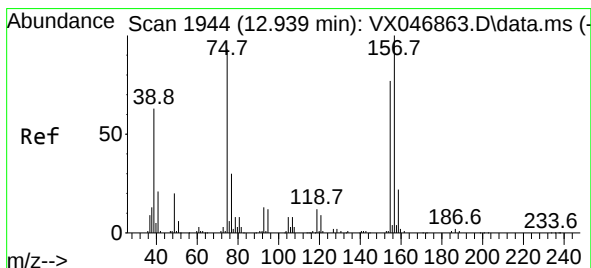
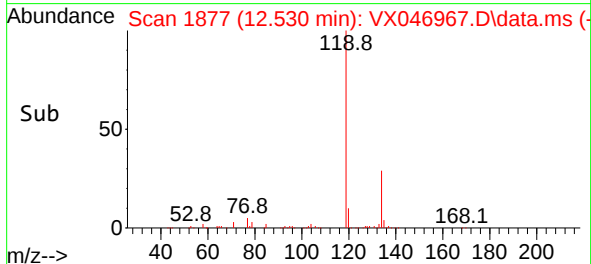
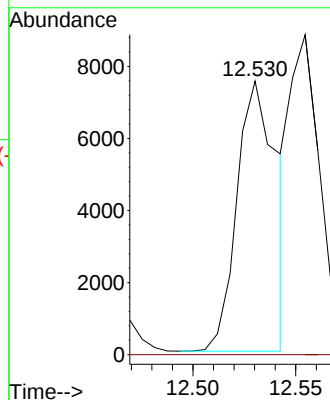
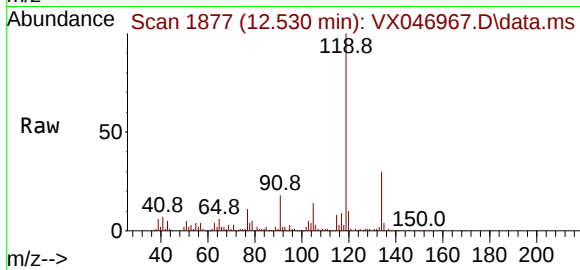
GPX2ME

Tgt Ion:117 Resp: 10057

Ion Ratio Lower Upper

117 100

201 0.0 35.8 107.4#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.477 ug/l

RT: 12.957 min Scan# 1947

Delta R.T. 0.018 min

Lab File: VX046967.D

Acq: 14 Jul 2025 12:49

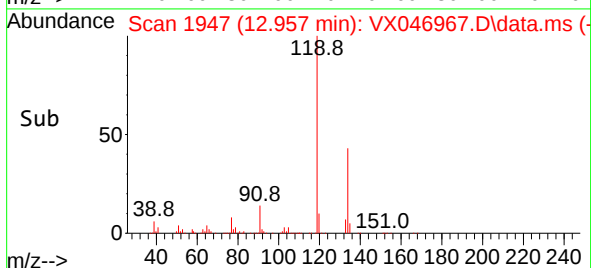
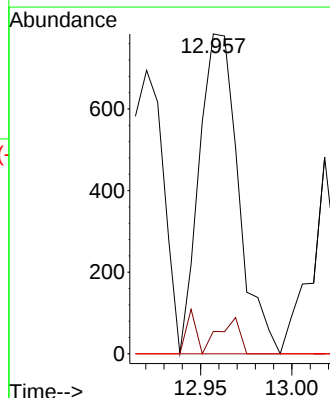
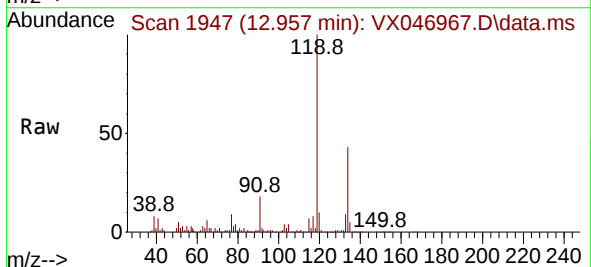
Tgt Ion: 75 Resp: 1172

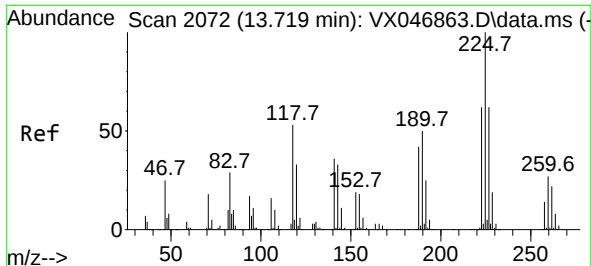
Ion Ratio Lower Upper

75 100

155 3.4 43.1 129.4#

157 0.0 56.5 169.5#

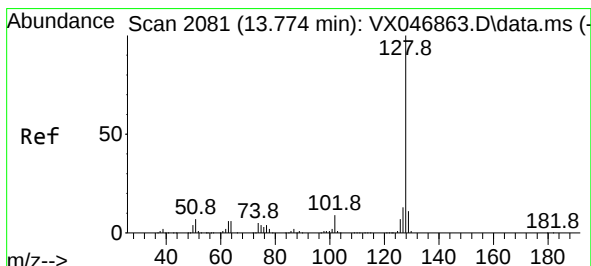
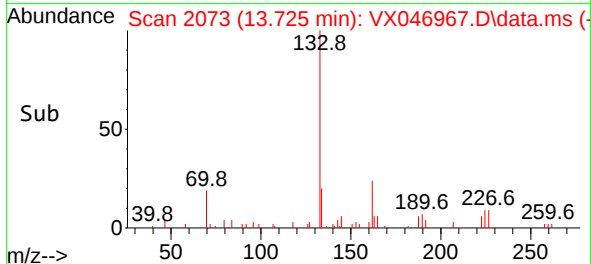
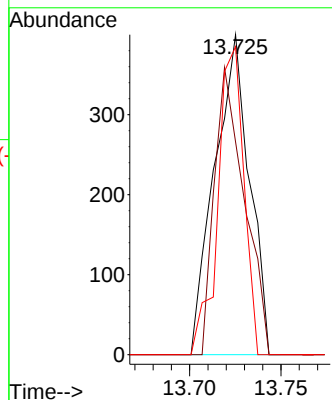
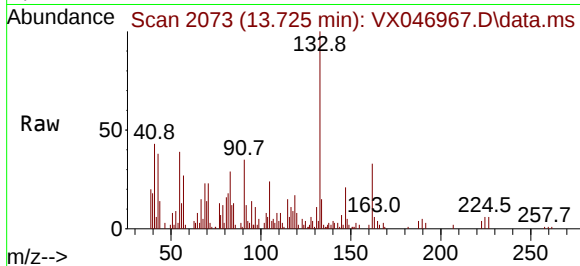




#94
Hexachlorobutadiene
Concen: 0.277 ug/l
RT: 13.725 min Scan# 2072
Delta R.T. 0.006 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

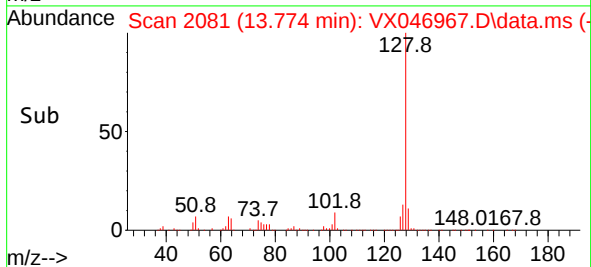
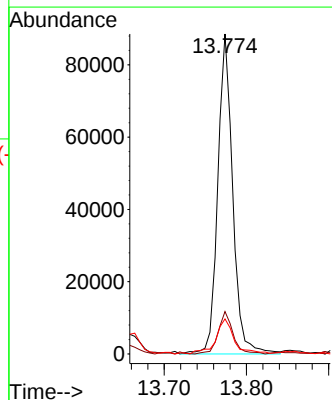
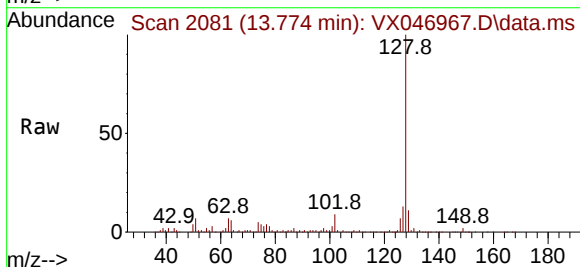
Instrument :
MSVOA_X
ClientSampleId :
GPX2ME

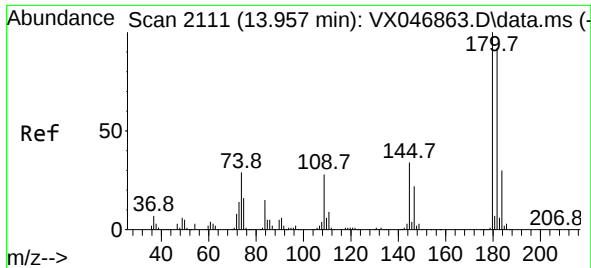
Tgt Ion:	225	Resp:	529
Ion Ratio	Lower	Upper	
225	100		
223	77.5	31.6	94.7
227	72.0	31.6	94.7



#95
Naphthalene
Concen: 8.399 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046967.D
Acq: 14 Jul 2025 12:49

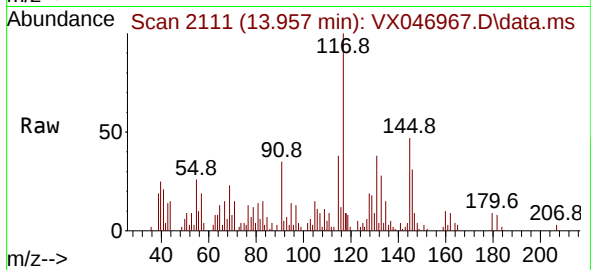
Tgt Ion:	128	Resp:	112016
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.4
129	12.4	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.201 ug/l
 RT: 13.957 min Scan# 2111
 Delta R.T. -0.000 min
 Lab File: VX046967.D
 Acq: 14 Jul 2025 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 GPX2ME



Tgt Ion:180 Resp: 963
 Ion Ratio Lower Upper
 180 100
 182 68.2 46.7 140.1
 145 782.9 16.8 50.3#

