

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110425\
 Data File : VX048472.D
 Acq On : 04 Nov 2025 10:14
 Operator : JC/MD
 Sample : VX1104MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 05 01:42:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	110283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	243050	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	249398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	127802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	80240	50.591	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.180%
35) Dibromofluoromethane	5.367	113	62180	44.872	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.740%
50) Toluene-d8	8.629	98	297225	48.591	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.180%
62) 4-Bromofluorobenzene	11.061	95	129718	56.690	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.380%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	147	0.232	ug/l #	10
10) Methyl Iodide	2.459	142	3273	0.644	ug/l #	94
13) Acrolein	2.239	56	111	0.438	ug/l #	54
15) Acrylonitrile	3.081	53	265	0.479	ug/l #	79
16) Acetone	2.367	43	748	2.081	ug/l #	82
17) Carbon Disulfide	2.520	76	1353	0.368	ug/l #	92
18) Methyl Acetate	2.697	43	535	0.445	ug/l #	61
29) Tetrahydrofuran	5.001	42	347	0.849	ug/l #	49
38) Carbon Tetrachloride	5.531	117	11152	4.151	ug/l #	16
51) 4-Methyl-2-Pentanone	8.574	43	641	0.352	ug/l #	81
58) 2-Chloroethyl Vinyl ether	8.244	63	248	9.465	ug/l #	47
59) 2-Hexanone	9.421	43	305	0.257	ug/l	76
64) Tetrachloroethene	9.256	164	828	0.412	ug/l #	83
67) Ethyl Benzene	10.177	91	2982	0.308	ug/l	91
68) m/p-Xylenes	10.287	106	2389	0.652	ug/l	88
69) o-Xylene	10.628	106	971	0.277	ug/l	97
70) Styrene	10.640	104	1206	0.203	ug/l	94
73) Isopropylbenzene	10.945	105	3998	0.423	ug/l	96
76) 1,2,3-Trichloropropane	11.061	75	70202	38.196	ug/l #	33
77) Bromobenzene	11.177	156	582	0.249	ug/l	89
78) n-propylbenzene	11.287	91	5415	0.485	ug/l	95
79) 2-Chlorotoluene	11.348	91	3010	0.449	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	3683	0.475	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.061	75	70202	132.180	ug/l #	10
82) 4-Chlorotoluene	11.439	91	3601	0.457	ug/l	99
83) tert-Butylbenzene	11.695	119	3487	0.442	ug/l	91
84) 1,2,4-Trimethylbenzene	11.732	105	3606	0.470	ug/l	98
85) sec-Butylbenzene	11.872	105	4491	0.457	ug/l	100
86) p-Isopropyltoluene	11.988	119	3797	0.457	ug/l	86
87) 1,3-Dichlorobenzene	11.951	146	2345	0.526	ug/l	95
88) 1,4-Dichlorobenzene	11.951	146	2345	0.516	ug/l	94
89) n-Butylbenzene	12.311	91	4055	0.520	ug/l	98
90) Hexachloroethane	12.518	117	699	0.479	ug/l	95
91) 1,2-Dichlorobenzene	12.317	146	1973	0.477	ug/l	90
93) 1,2,4-Trichlorobenzene	13.573	180	2112	0.741	ug/l	97
94) Hexachlorobutadiene	13.701	225	877	0.733	ug/l	95

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:37:17 2025
Response via : Initial Calibration

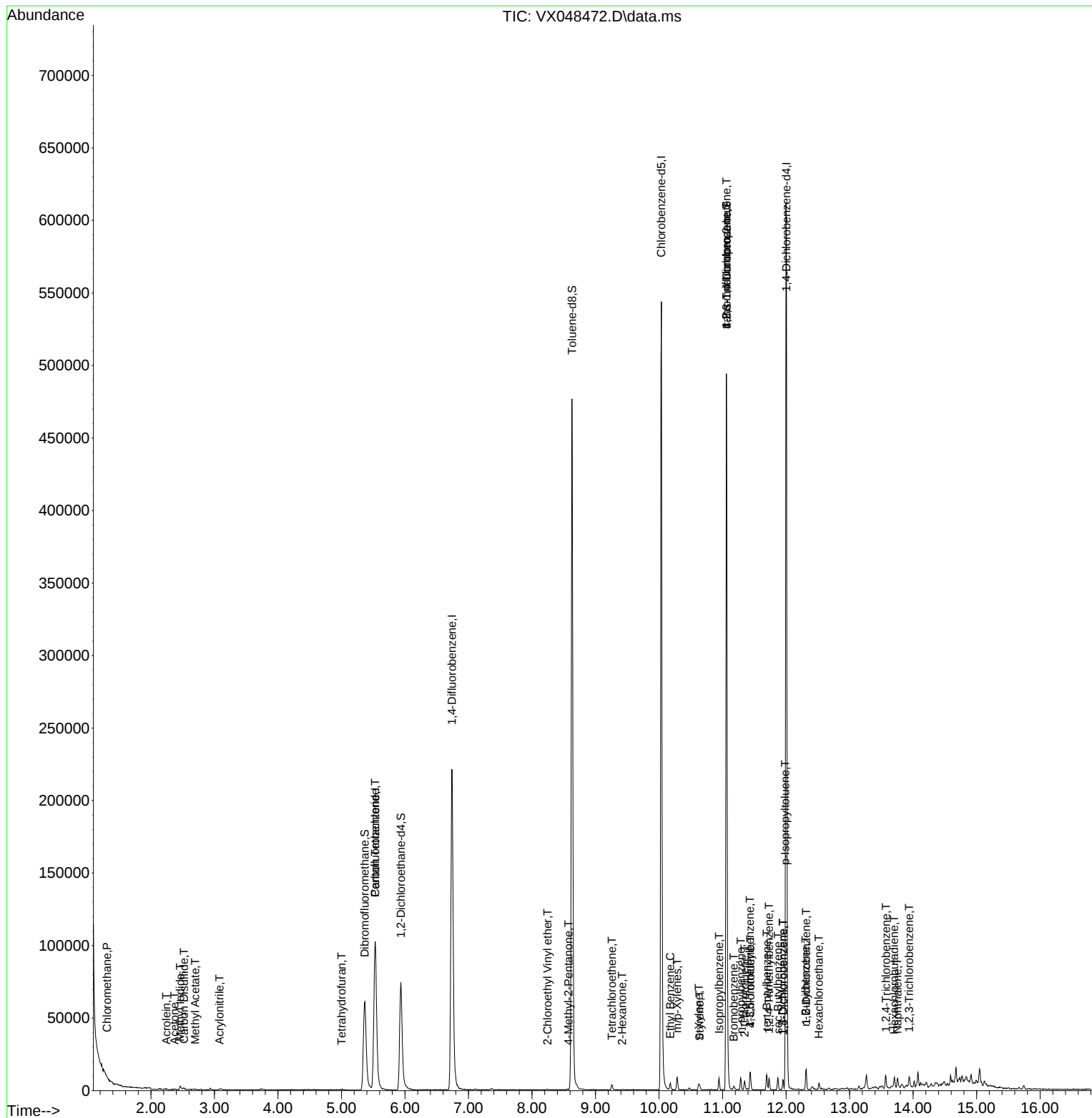
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.756	128	4698	0.652	ug/l	99
96) 1,2,3-Trichlorobenzene	13.939	180	2180	0.842	ug/l	94

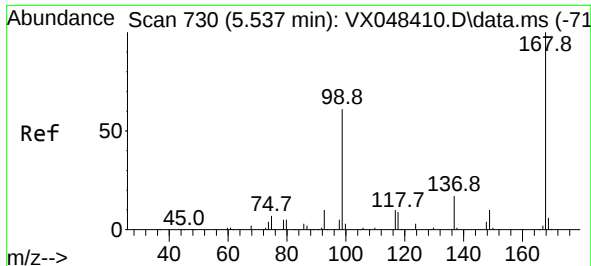
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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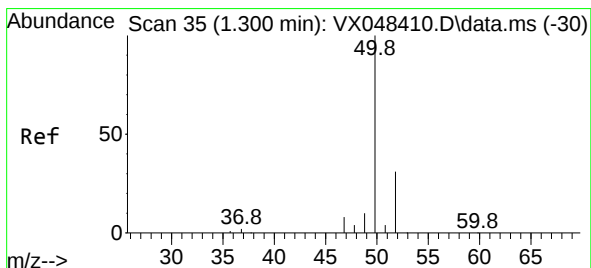
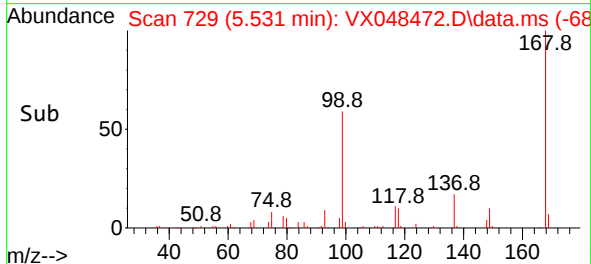
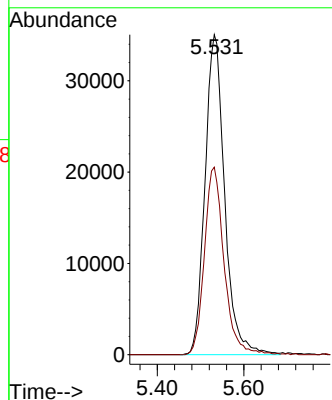
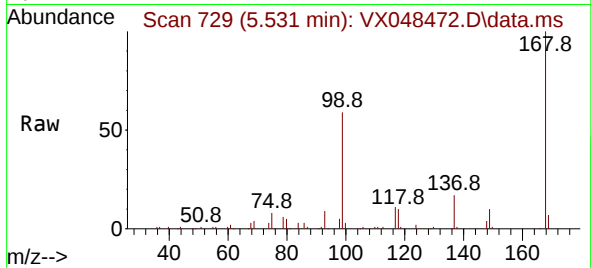




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

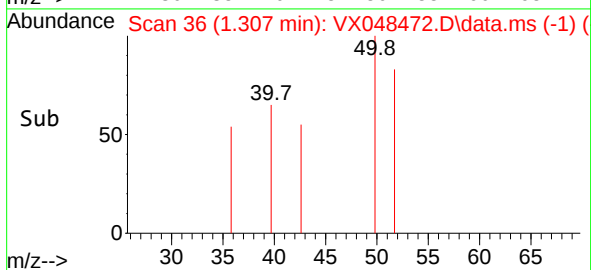
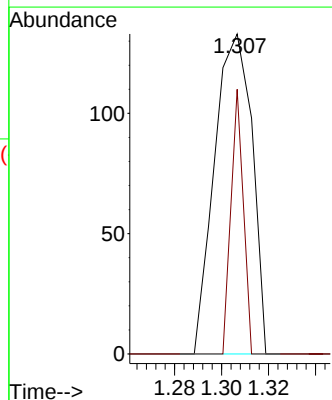
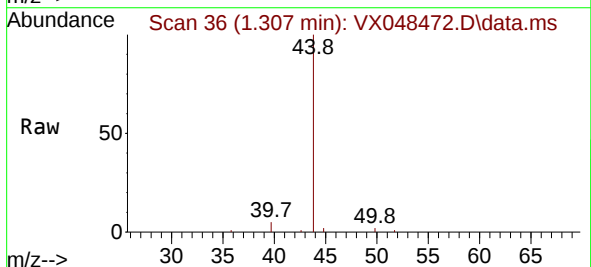
Instrument :
MSVOA_X
ClientSampleId :

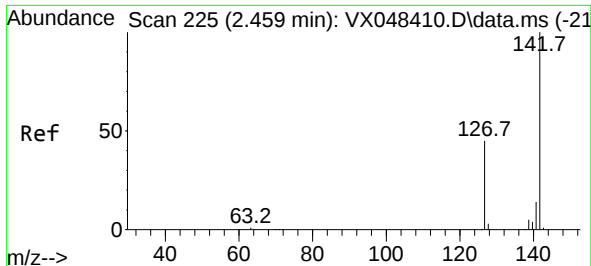
Tgt Ion:168 Resp: 110283
Ion Ratio Lower Upper
168 100
99 58.6 46.4 69.6



#3
Chloromethane
Concen: 0.232 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

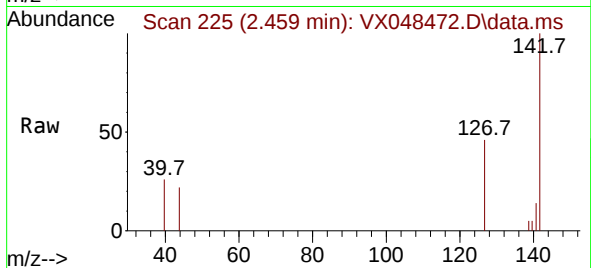
Tgt Ion: 50 Resp: 147
Ion Ratio Lower Upper
50 100
52 82.7 25.9 38.9#



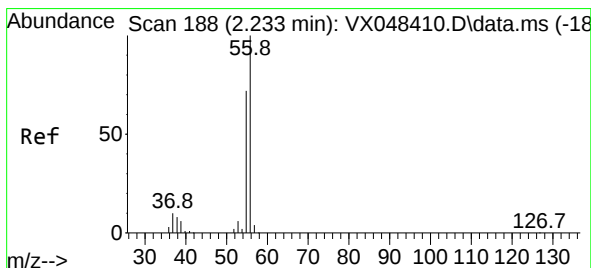
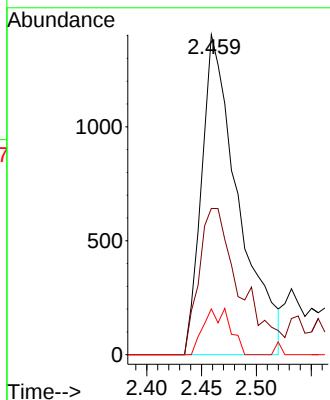
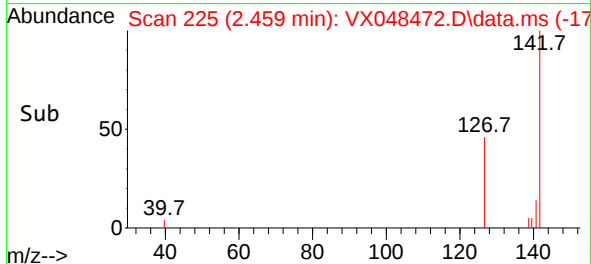


#10
Methyl Iodide
Concen: 0.644 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :

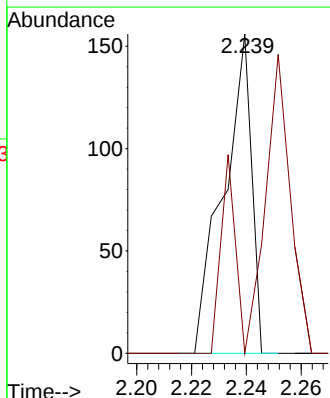
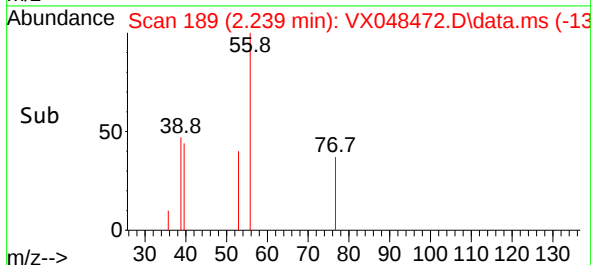
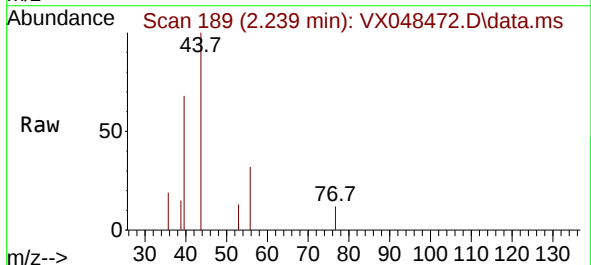


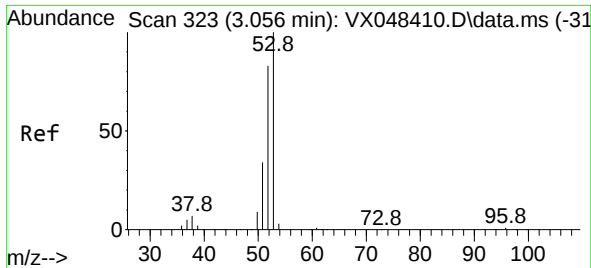
Tgt Ion:142 Resp: 3273
Ion Ratio Lower Upper
142 100
127 51.6 38.5 57.7
141 10.4 11.6 17.4#



#13
Acrolein
Concen: 0.438 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

Tgt Ion: 56 Resp: 111
Ion Ratio Lower Upper
56 100
55 32.4 56.1 84.1#

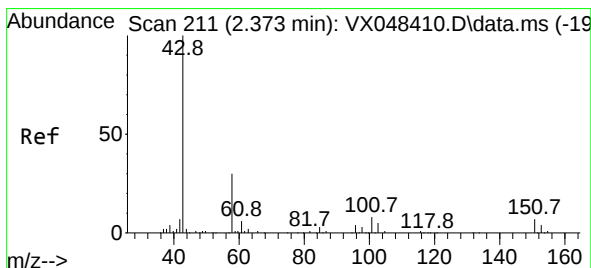
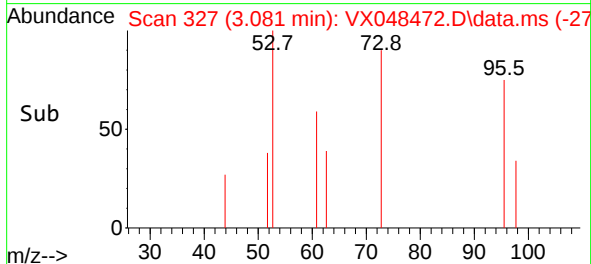
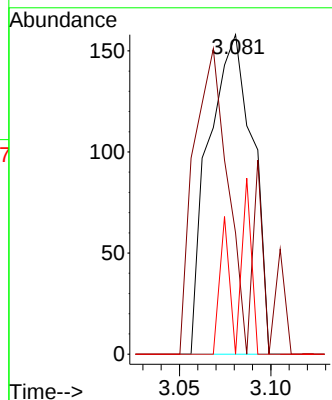
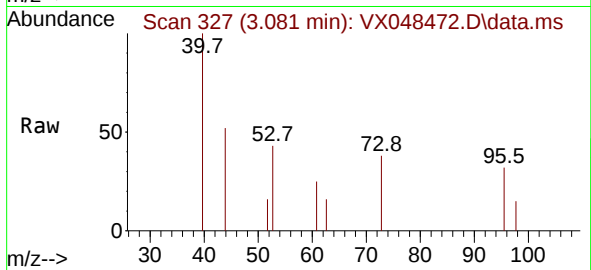




#15
Acrylonitrile
Concen: 0.479 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.024 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

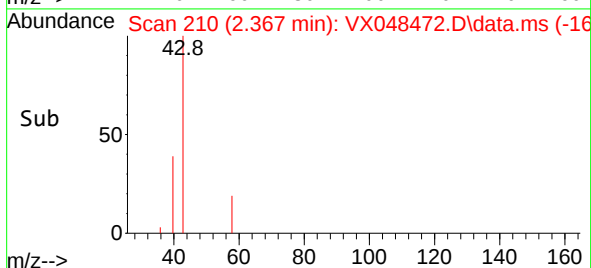
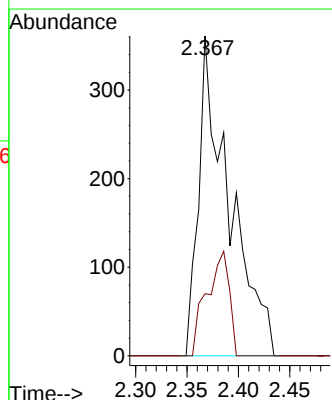
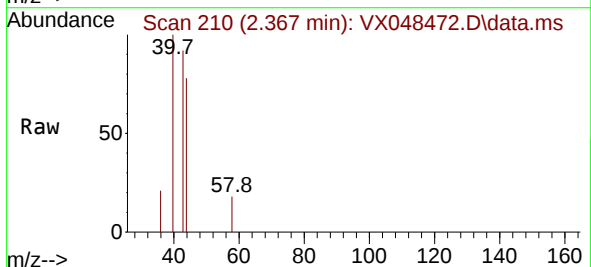
Instrument :
MSVOA_X
ClientSampleId :

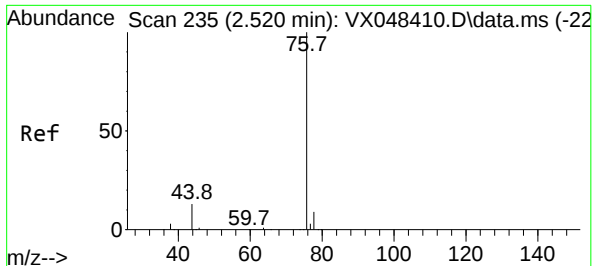
Tgt Ion: 53 Resp: 265
Ion Ratio Lower Upper
53 100
52 72.8 66.1 99.1
51 9.4 29.0 43.4#



#16
Acetone
Concen: 2.081 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

Tgt Ion: 43 Resp: 748
Ion Ratio Lower Upper
43 100
58 19.4 23.4 35.2#

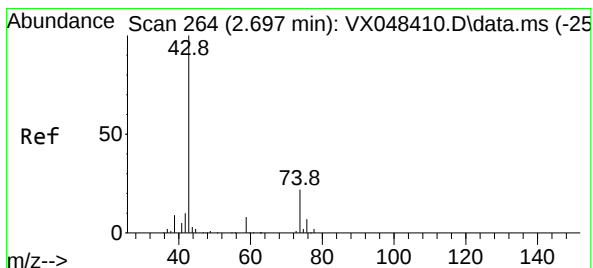
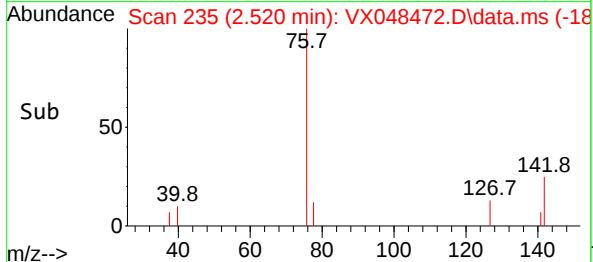
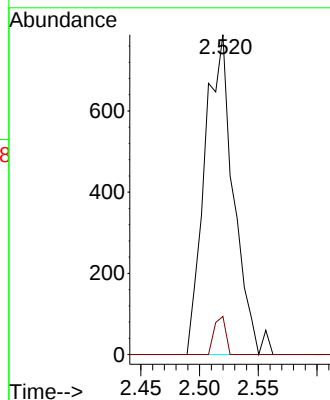
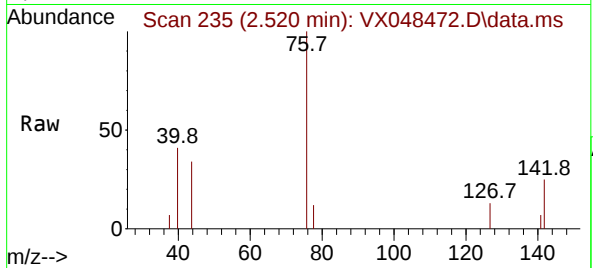




#17
Carbon Disulfide
Concen: 0.368 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

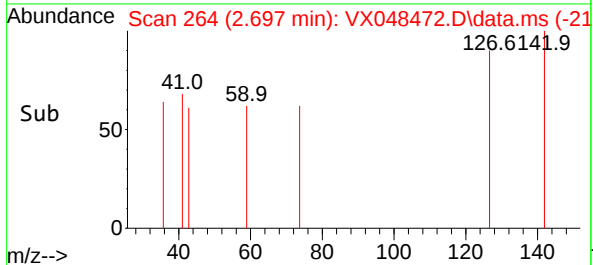
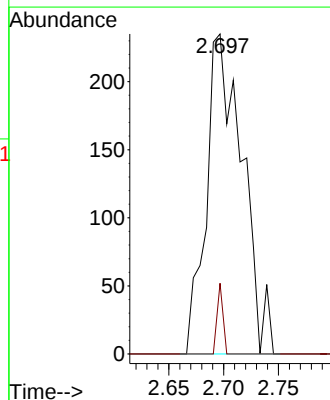
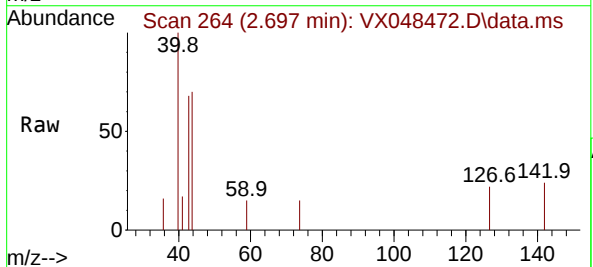
Instrument :
MSVOA_X
ClientSampleId :

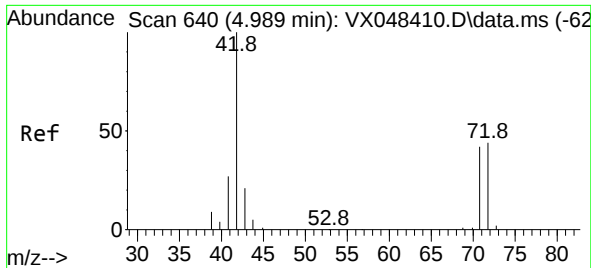
Tgt Ion: 76 Resp: 1353
Ion Ratio Lower Upper
76 100
78 11.9 7.1 10.7#



#18
Methyl Acetate
Concen: 0.445 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

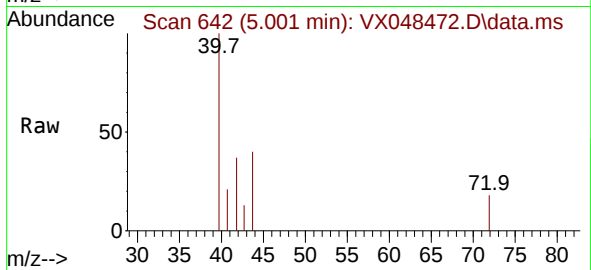
Tgt Ion: 43 Resp: 535
Ion Ratio Lower Upper
43 100
74 3.6 17.5 26.3#



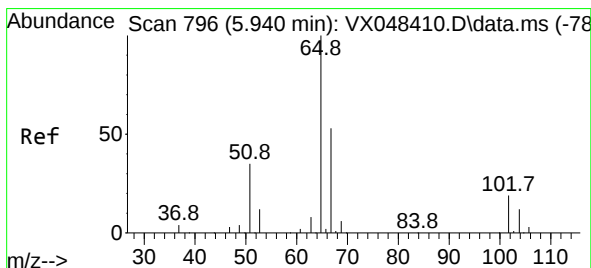
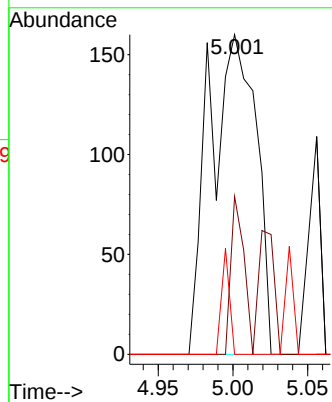
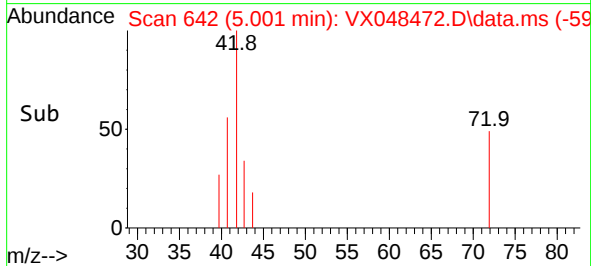


#29
Tetrahydrofuran
Concen: 0.849 ug/l
RT: 5.001 min Scan# 641
Delta R.T. 0.012 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :

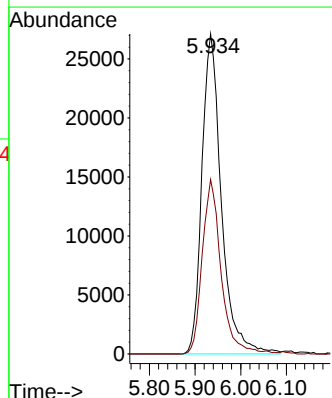
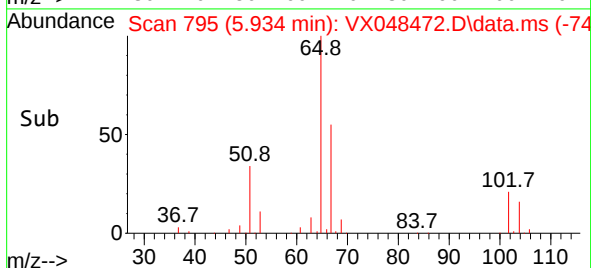
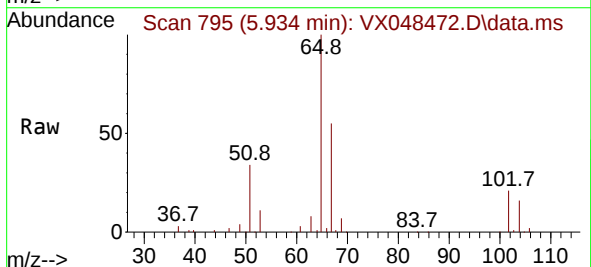


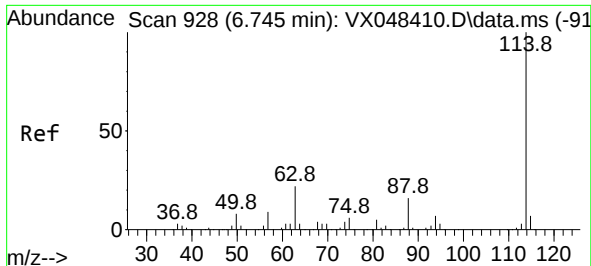
Tgt Ion: 42 Resp: 347
Ion Ratio Lower Upper
42 100
72 13.8 35.3 52.9#
71 5.5 32.2 48.4#



#33
1,2-Dichloroethane-d4
Concen: 50.591 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
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Tgt Ion: 65 Resp: 80240
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.0

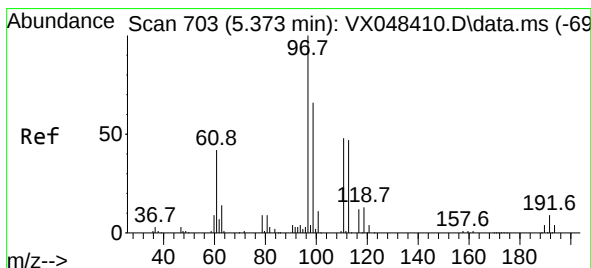
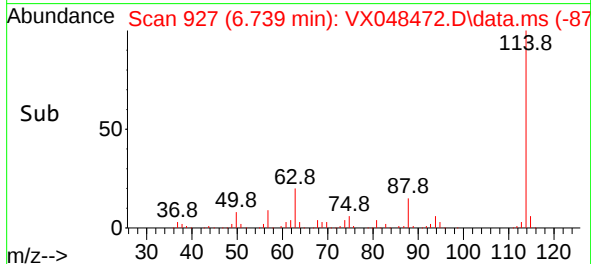
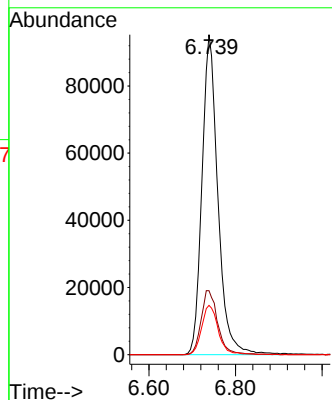
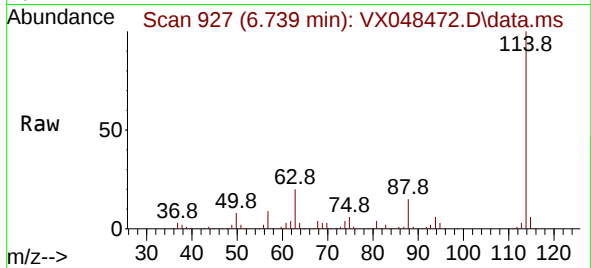




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

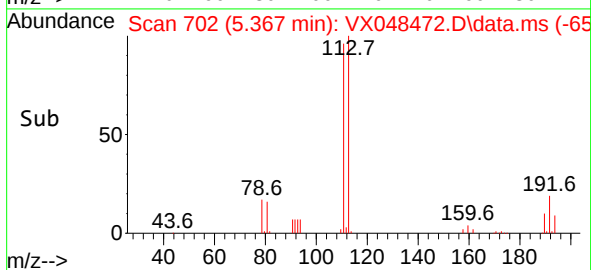
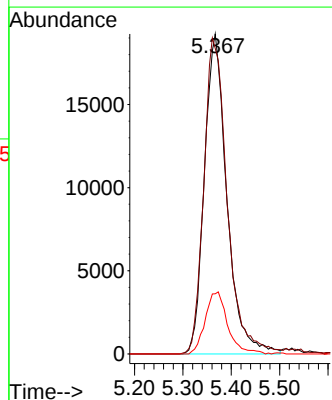
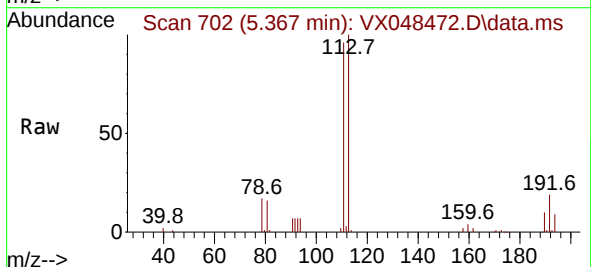
Instrument :
MSVOA_X
ClientSampleId :

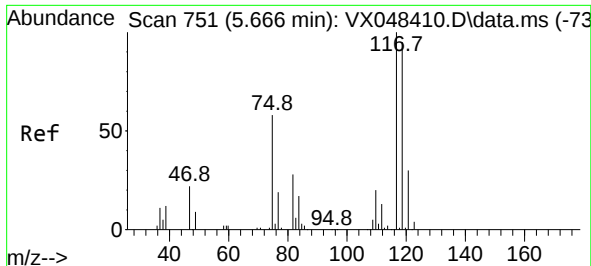
Tgt Ion:114 Resp: 243050
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.2
88 15.4 0.0 33.6



#35
Dibromofluoromethane
Concen: 44.872 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

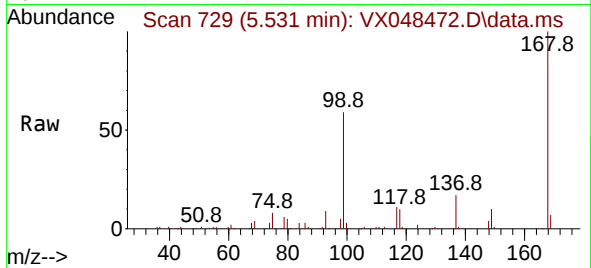
Tgt Ion:113 Resp: 62180
Ion Ratio Lower Upper
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111 102.6 82.2 123.4
192 19.4 15.1 22.7



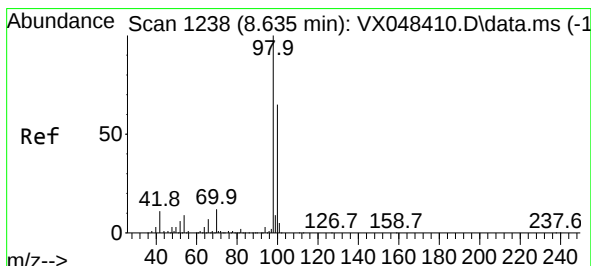
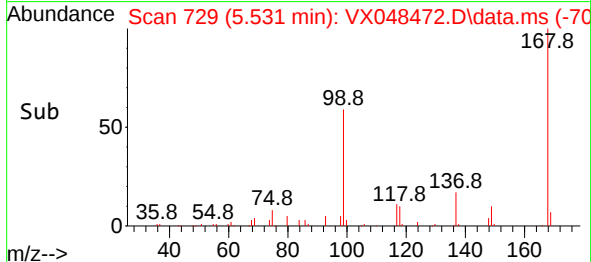
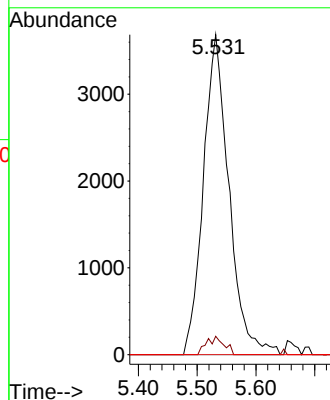


#38
Carbon Tetrachloride
Concen: 4.151 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :

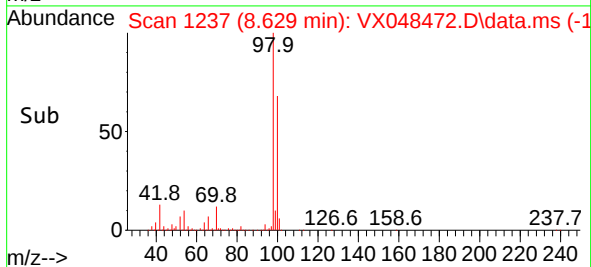
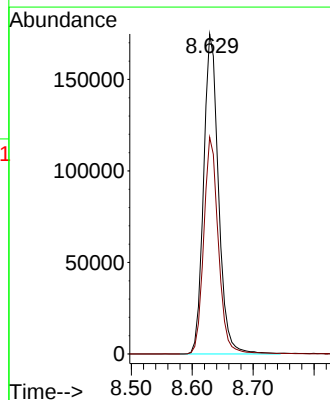
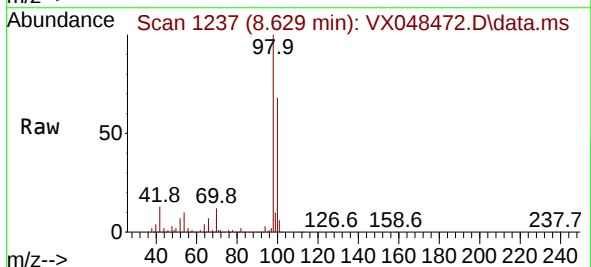


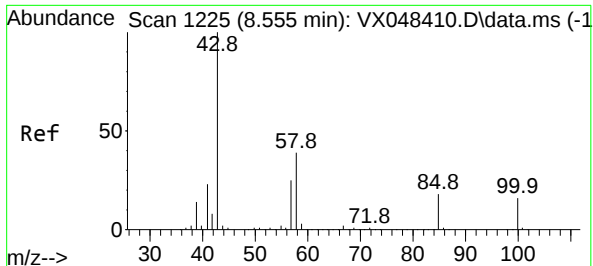
Tgt Ion:117 Resp: 11152
Ion Ratio Lower Upper
117 100
119 5.8 77.2 115.8#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.591 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

Tgt Ion: 98 Resp: 297225
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 0.352 ug/l

RT: 8.574 min Scan# 1174

Delta R.T. 0.018 min

Lab File: VX048472.D

Acq: 04 Nov 2025 10:14

Instrument :

MSVOA_X

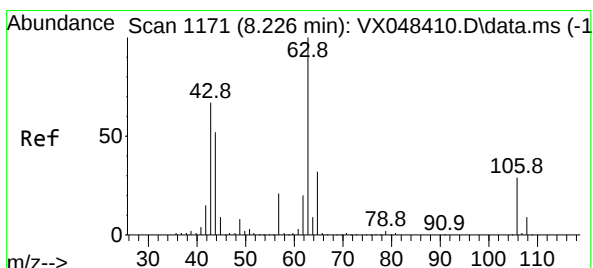
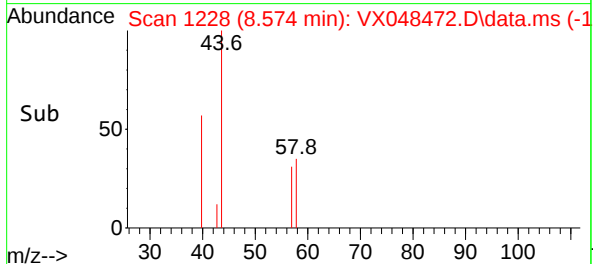
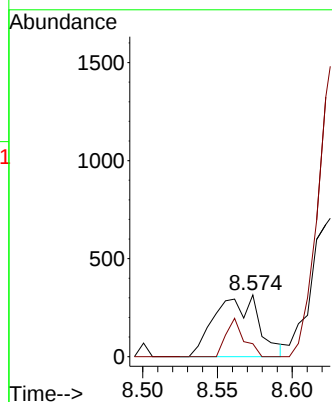
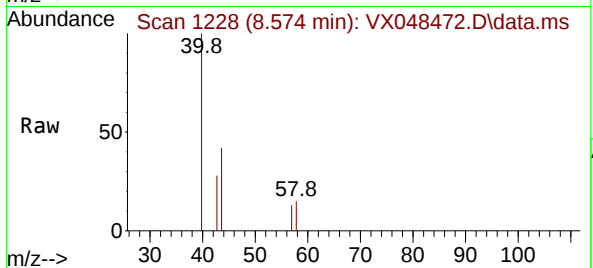
ClientSampleId :

Tgt Ion: 43 Resp: 641

Ion Ratio Lower Upper

43 100

58 25.6 29.5 44.3#



#58

2-Chloroethyl Vinyl ether

Concen: 9.465 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.018 min

Lab File: VX048472.D

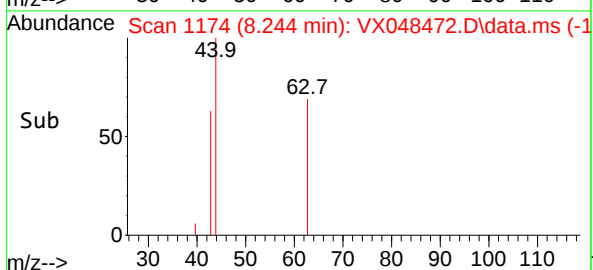
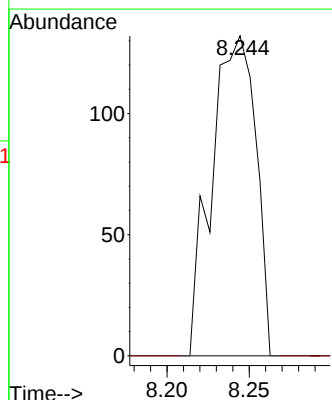
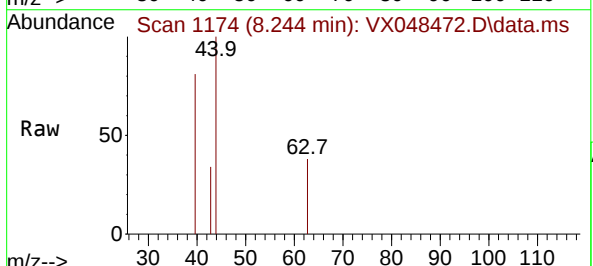
Acq: 04 Nov 2025 10:14

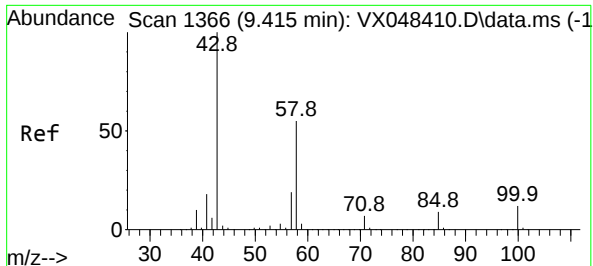
Tgt Ion: 63 Resp: 248

Ion Ratio Lower Upper

63 100

106 0.0 22.2 33.2#





#59

2-Hexanone

Concen: 0.257 ug/l

RT: 9.421 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX048472.D

Acq: 04 Nov 2025 10:14

Instrument :

MSVOA_X

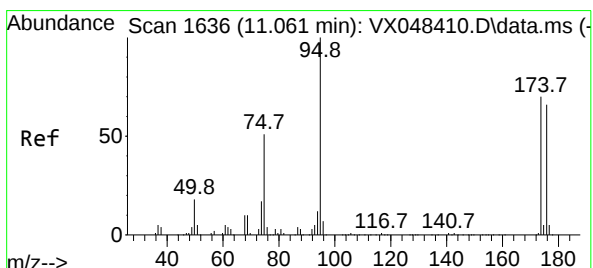
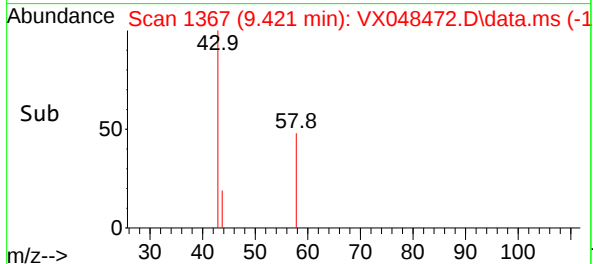
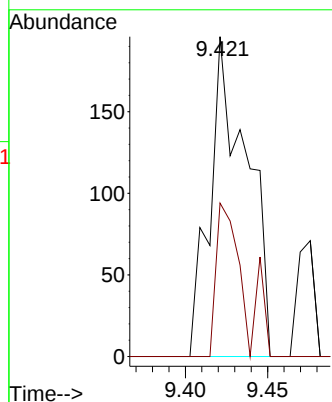
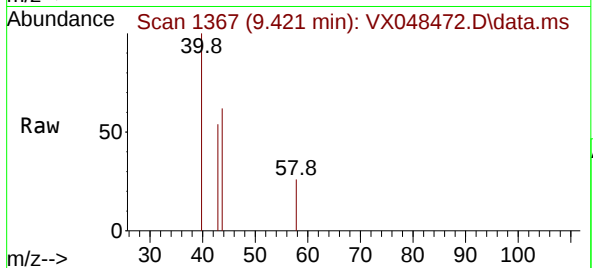
ClientSampleId :

Tgt Ion: 43 Resp: 305

Ion Ratio Lower Upper

43 100

58 35.4 26.3 78.8



#62

4-Bromofluorobenzene

Concen: 56.690 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.000 min

Lab File: VX048472.D

Acq: 04 Nov 2025 10:14

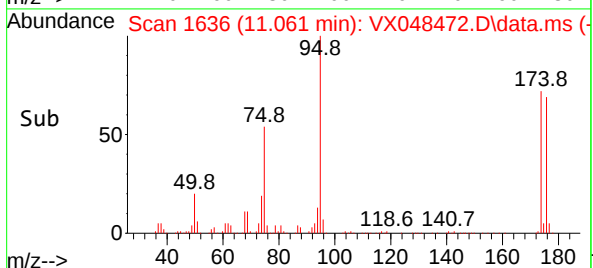
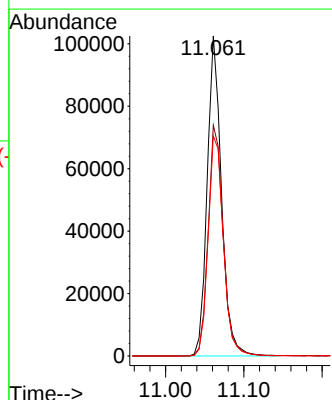
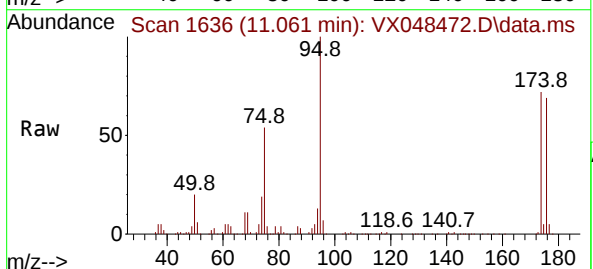
Tgt Ion: 95 Resp: 129718

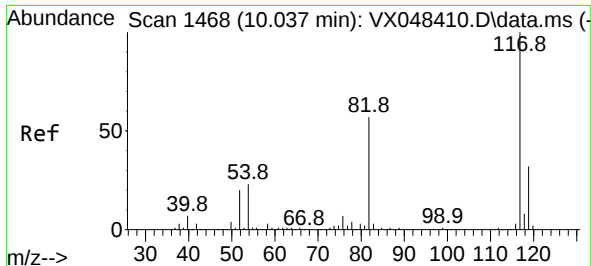
Ion Ratio Lower Upper

95 100

174 75.8 0.0 147.8

176 73.3 0.0 142.8

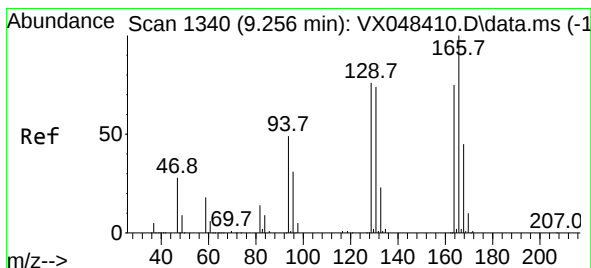
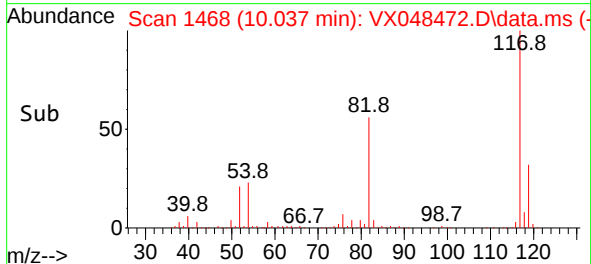
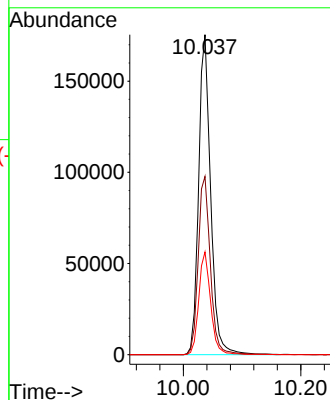
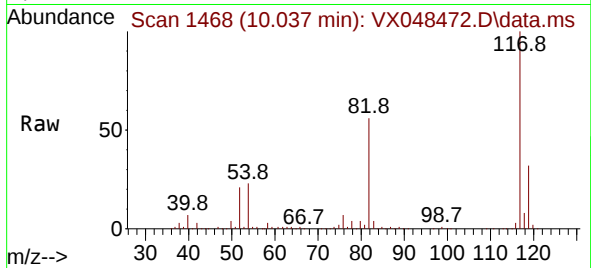




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

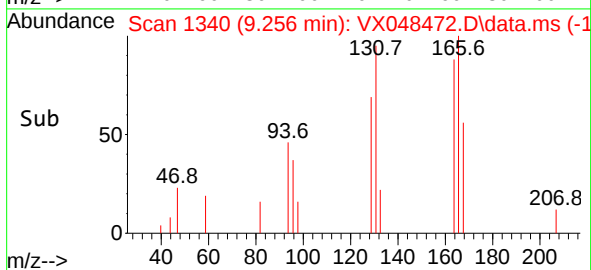
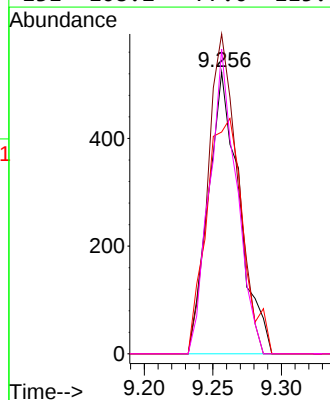
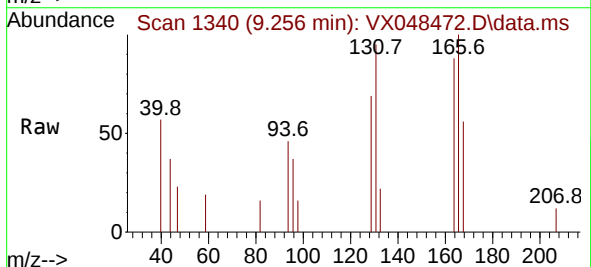
Instrument :
MSVOA_X
ClientSampleId :

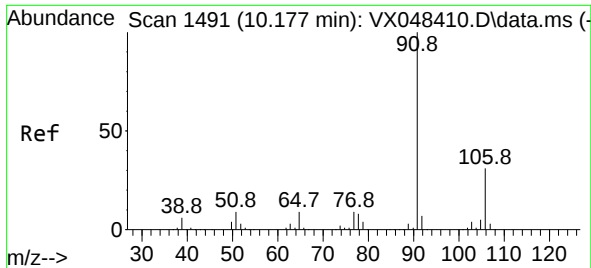
Tgt Ion:117 Resp: 249398
Ion Ratio Lower Upper
117 100
82 55.7 46.5 69.7
119 32.1 25.9 38.9



#64
Tetrachloroethene
Concen: 0.412 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

Tgt Ion:164 Resp: 828
Ion Ratio Lower Upper
164 100
166 113.6 104.5 156.7
129 78.8 81.8 122.6#
131 108.2 77.0 115.6

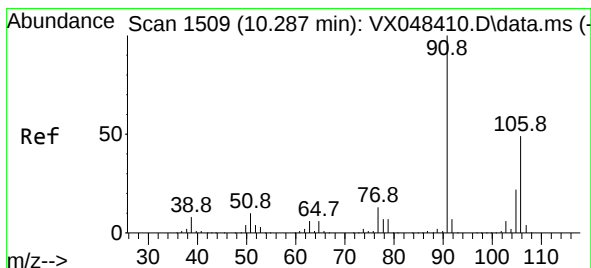
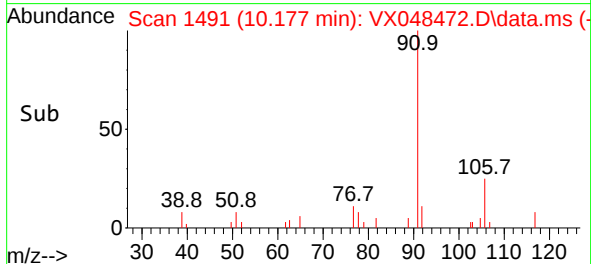
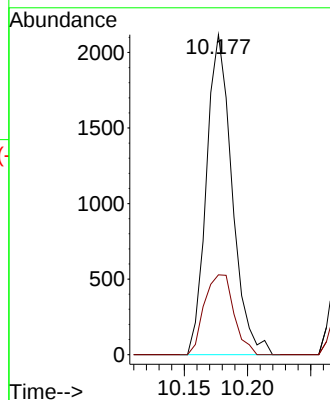
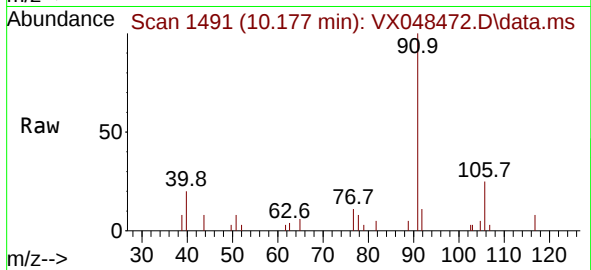




#67
Ethyl Benzene
Concen: 0.308 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

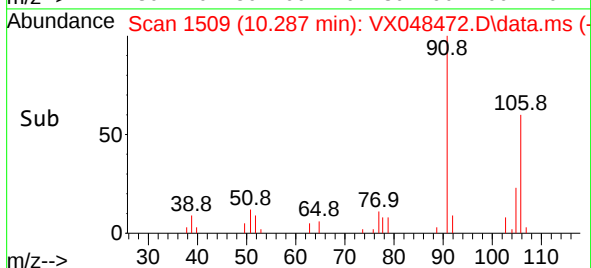
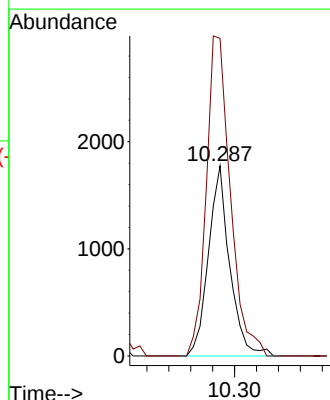
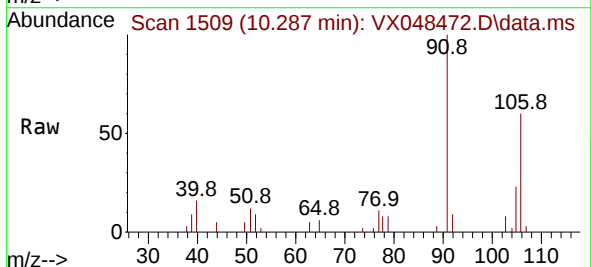
Instrument :
MSVOA_X
ClientSampleId :

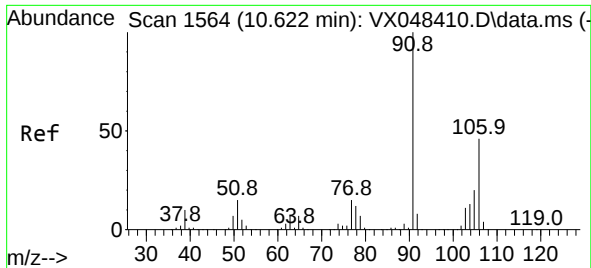
Tgt Ion: 91 Resp: 2982
Ion Ratio Lower Upper
91 100
106 24.9 23.8 35.6



#68
m/p-Xylenes
Concen: 0.652 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

Tgt Ion: 106 Resp: 2389
Ion Ratio Lower Upper
106 100
91 190.4 167.9 251.9

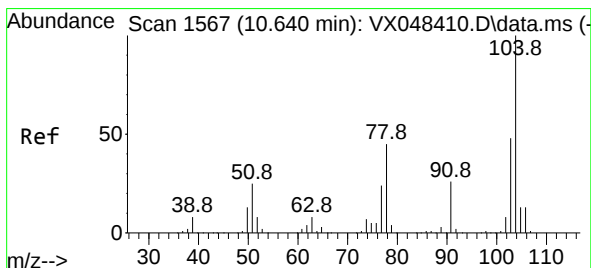
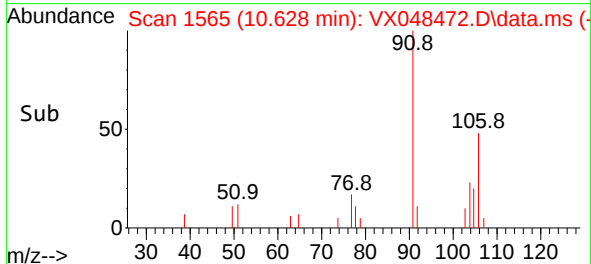
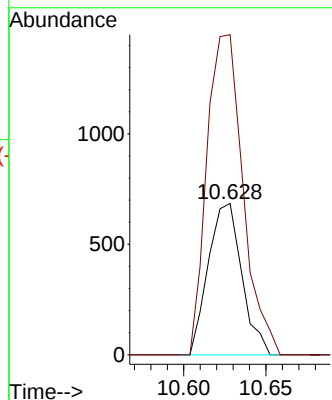
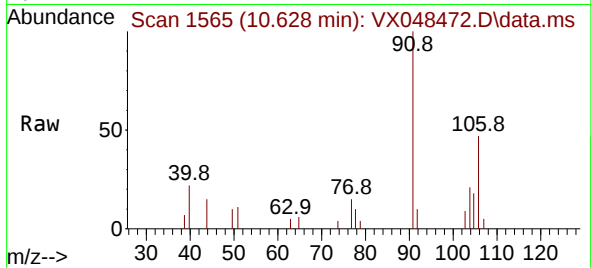




#69
o-Xylene
Concen: 0.277 ug/l
RT: 10.628 min Scan# 1564
Delta R.T. 0.006 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

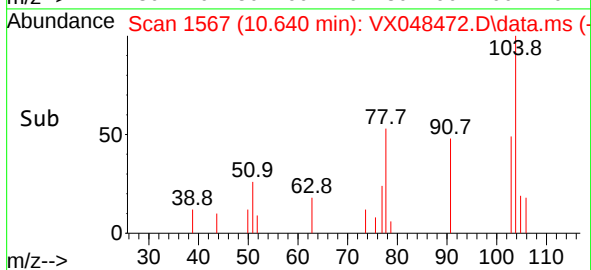
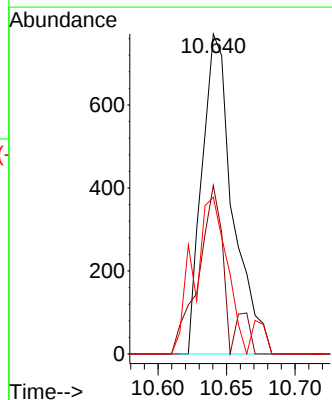
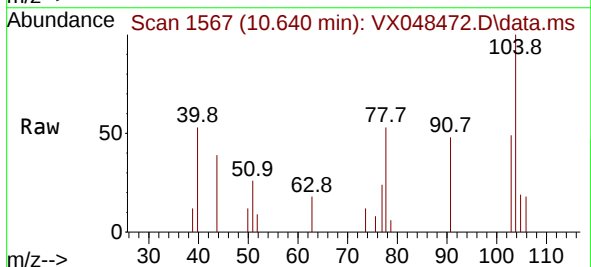
Instrument :
MSVOA_X
ClientSampleId :

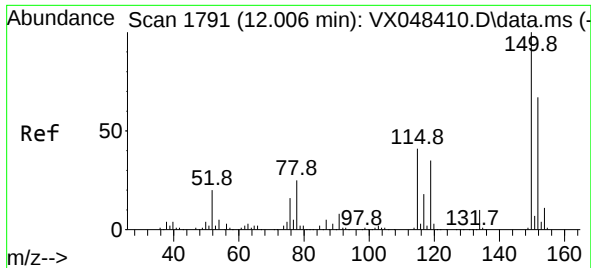
Tgt Ion:106 Resp: 971
Ion Ratio Lower Upper
106 100
91 227.8 111.3 333.9



#70
Styrene
Concen: 0.203 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

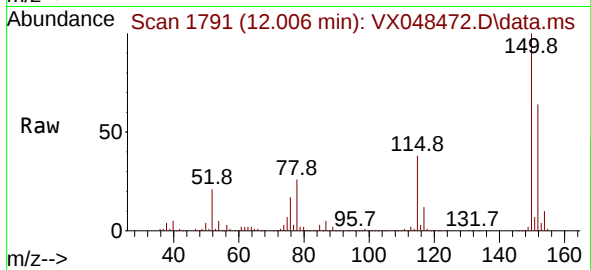
Tgt Ion:104 Resp: 1206
Ion Ratio Lower Upper
104 100
78 46.0 42.2 63.4
103 52.2 43.0 64.4



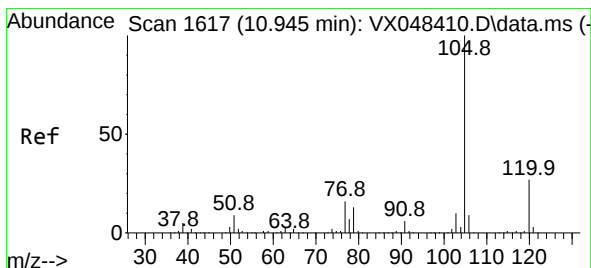
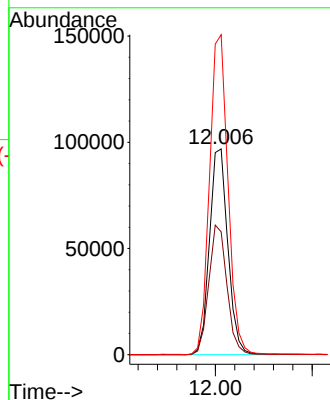
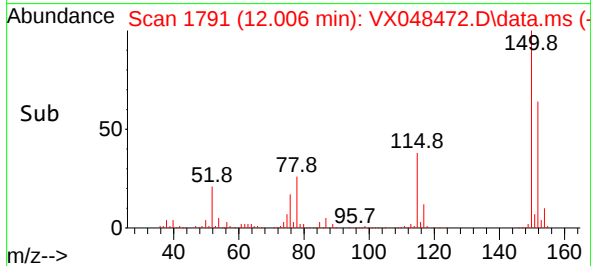


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

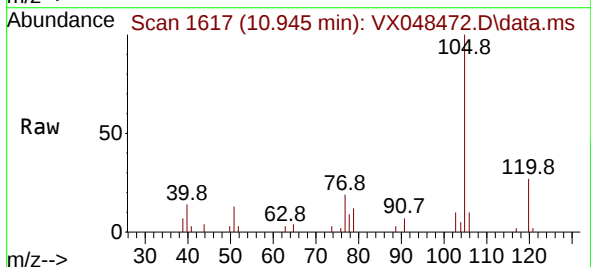
Instrument :
MSVOA_X
ClientSampleId :



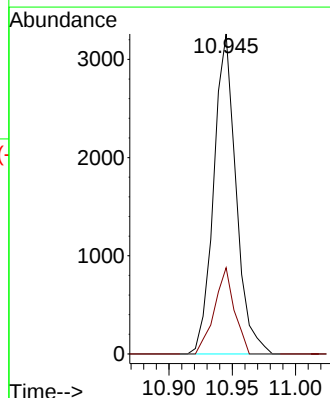
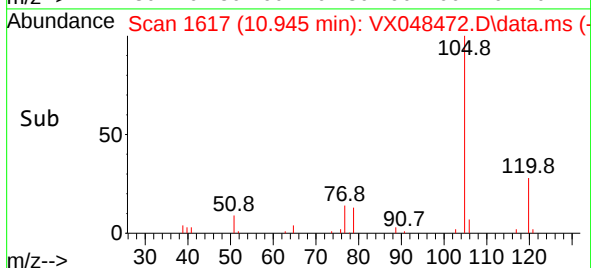
Tgt Ion:152 Resp: 127802
Ion Ratio Lower Upper
152 100
115 62.5 43.1 129.4
150 156.8 0.0 353.0

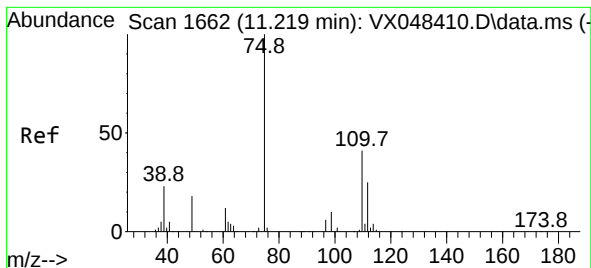


#73
Isopropylbenzene
Concen: 0.423 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14



Tgt Ion:105 Resp: 3998
Ion Ratio Lower Upper
105 100
120 24.1 13.0 38.9





#76

1,2,3-Trichloropropane

Concen: 38.196 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX048472.D

Acq: 04 Nov 2025 10:14

Instrument :

MSVOA_X

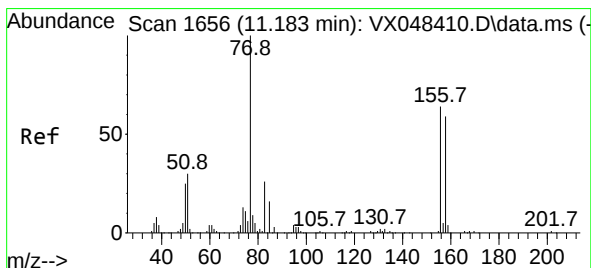
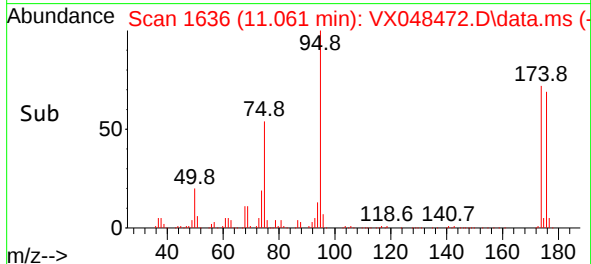
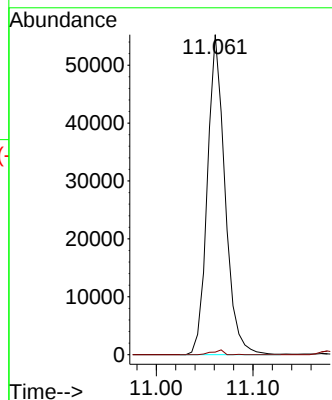
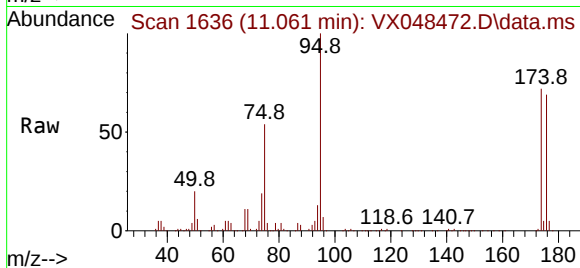
ClientSampleId :

Tgt Ion: 75 Resp: 70202

Ion Ratio Lower Upper

75 100

77 0.9 22.4 67.2#



#77

Bromobenzene

Concen: 0.249 ug/l

RT: 11.177 min Scan# 1655

Delta R.T. -0.006 min

Lab File: VX048472.D

Acq: 04 Nov 2025 10:14

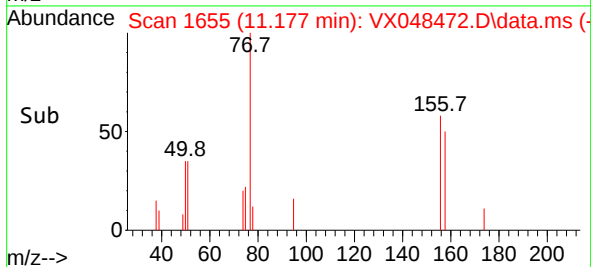
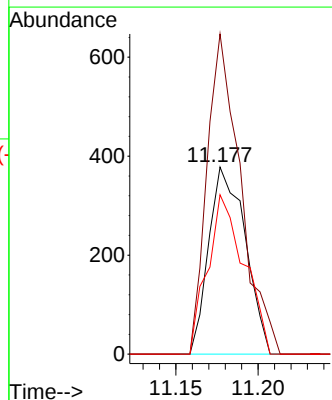
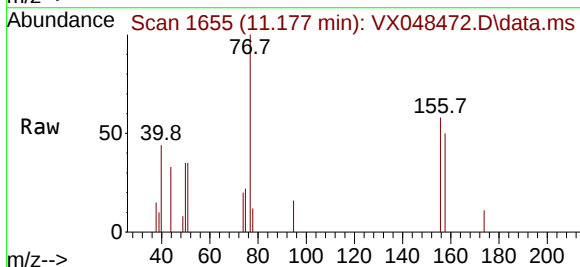
Tgt Ion:156 Resp: 582

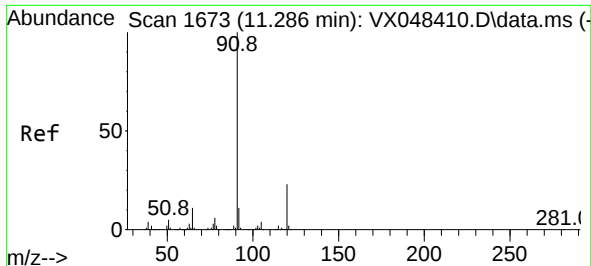
Ion Ratio Lower Upper

156 100

77 157.2 87.0 261.0

158 85.6 47.8 143.4

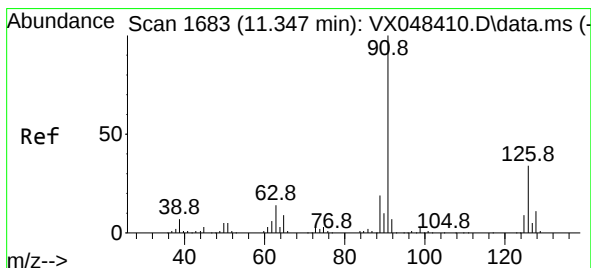
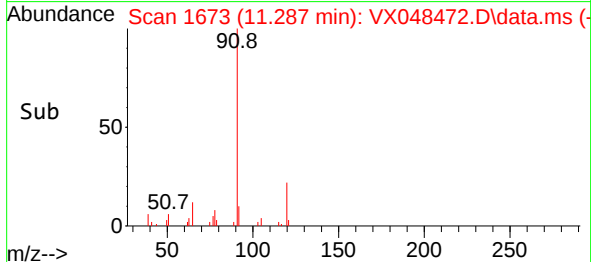
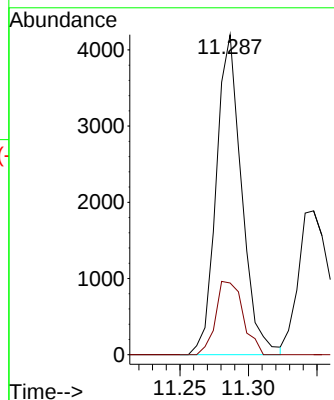
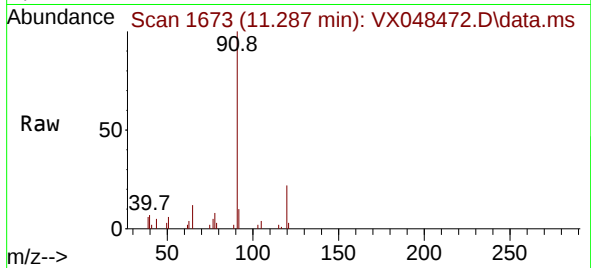




#78
n-propylbenzene
Concen: 0.485 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

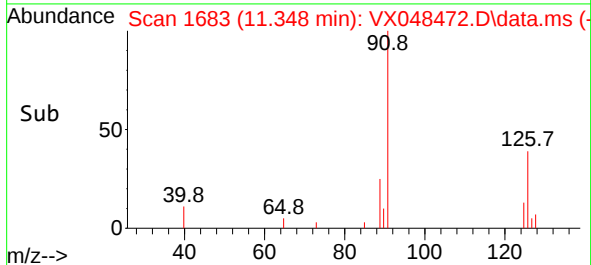
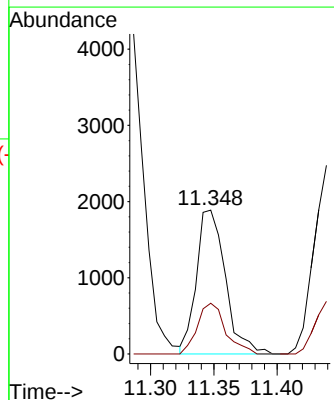
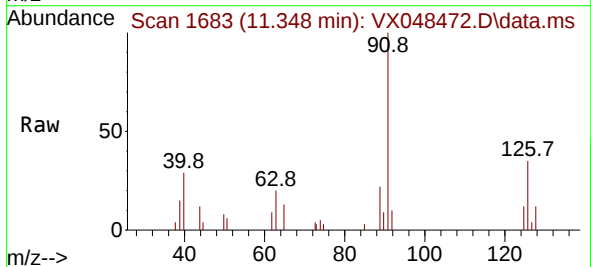
Instrument :
MSVOA_X
ClientSampleId :

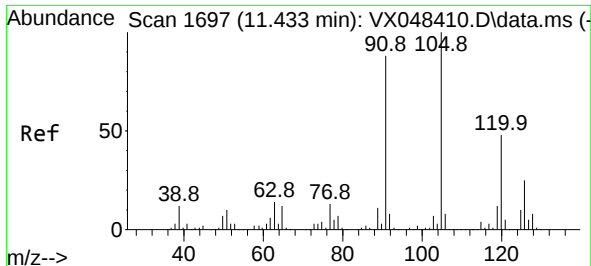
Tgt Ion: 91 Resp: 5415
Ion Ratio Lower Upper
91 100
120 24.6 11.1 33.1



#79
2-Chlorotoluene
Concen: 0.449 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

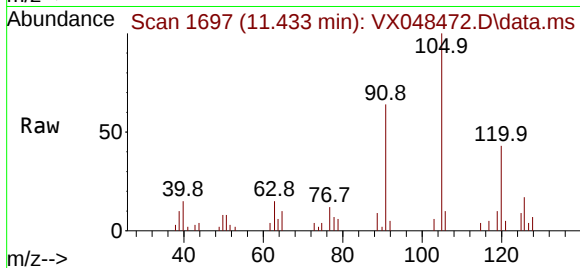
Tgt Ion: 91 Resp: 3010
Ion Ratio Lower Upper
91 100
126 34.3 16.4 49.4



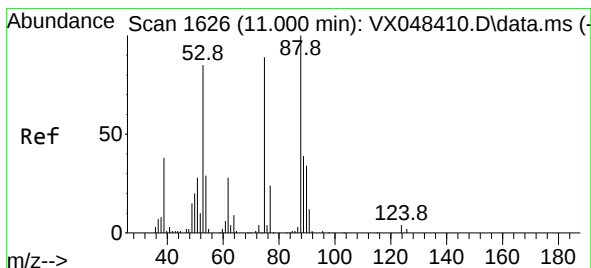
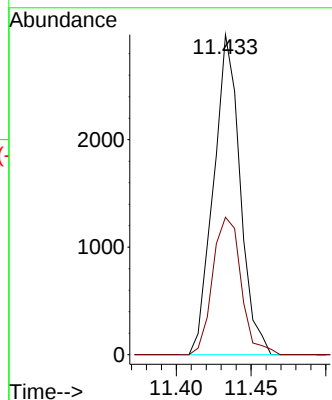
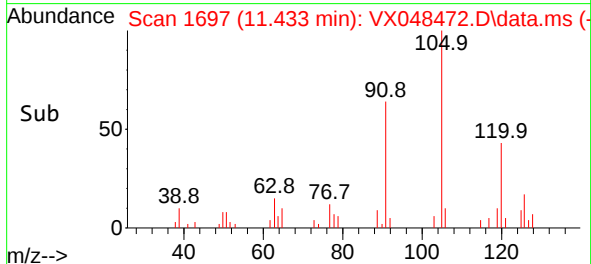


#80
1,3,5-Trimethylbenzene
Concen: 0.475 ug/l
RT: 11.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :

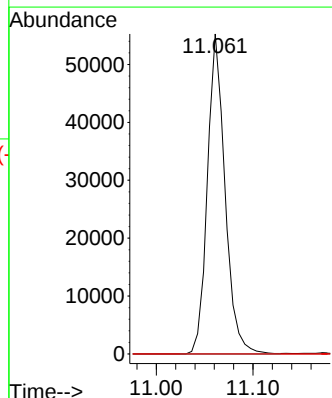
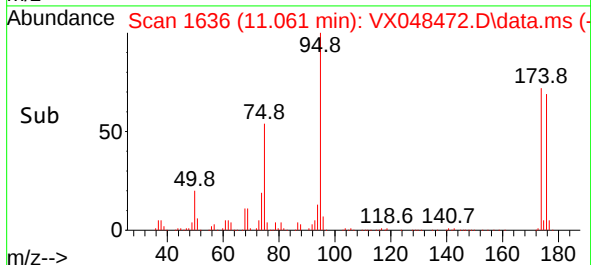
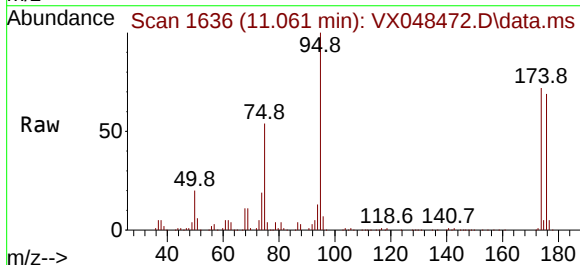


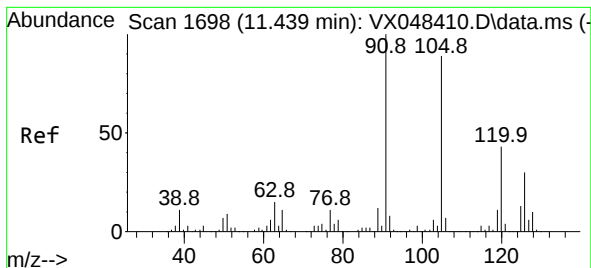
Tgt Ion:105 Resp: 3683
Ion Ratio Lower Upper
105 100
120 45.9 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 132.180 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

Tgt Ion: 75 Resp: 70202
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 36.8 55.2#

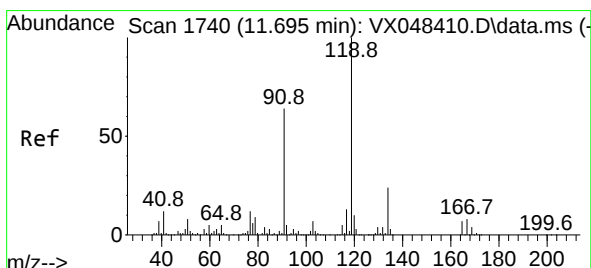
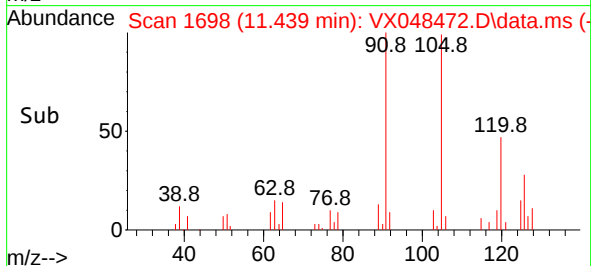
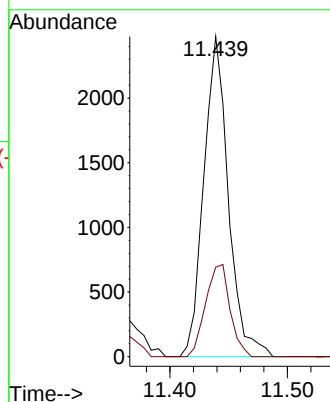
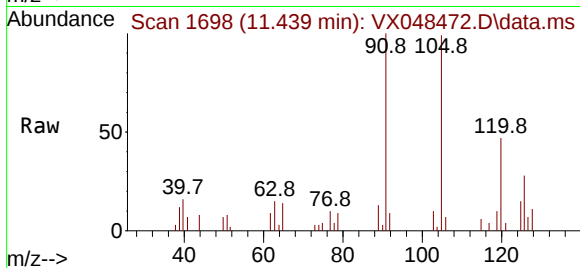




#82
4-Chlorotoluene
Concen: 0.457 ug/l
RT: 11.439 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

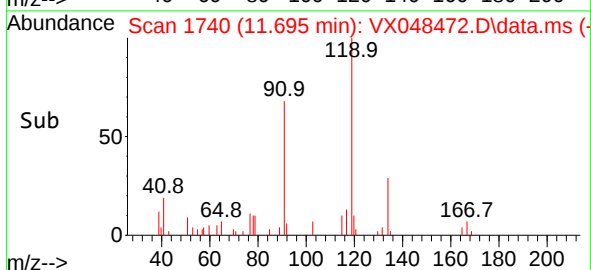
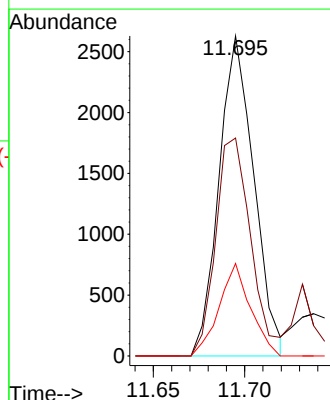
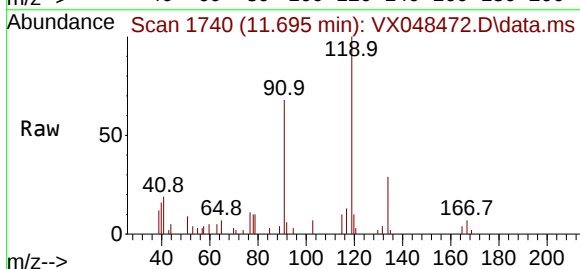
Instrument :
MSVOA_X
ClientSampleId :

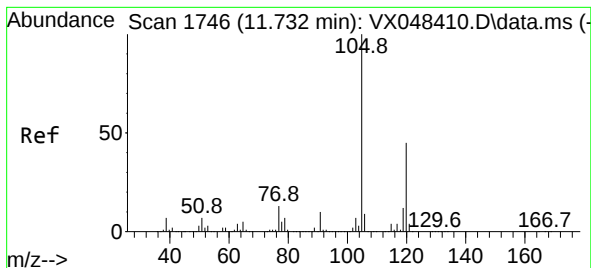
Tgt Ion: 91 Resp: 3601
Ion Ratio Lower Upper
91 100
126 28.6 14.1 42.4



#83
tert-Butylbenzene
Concen: 0.442 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

Tgt Ion: 119 Resp: 3487
Ion Ratio Lower Upper
119 100
91 68.7 30.3 91.0
134 26.1 11.4 34.2





#84

1,2,4-Trimethylbenzene

Concen: 0.470 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. 0.000 min

Lab File: VX048472.D

Acq: 04 Nov 2025 10:14

Instrument :

MSVOA_X

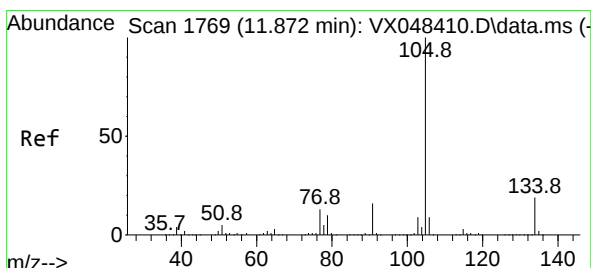
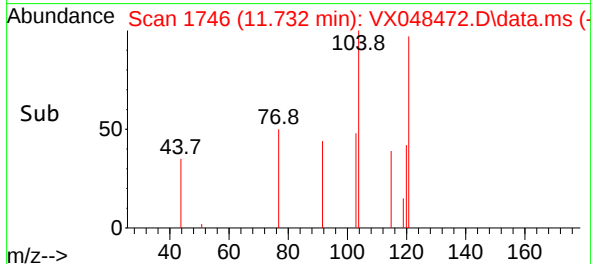
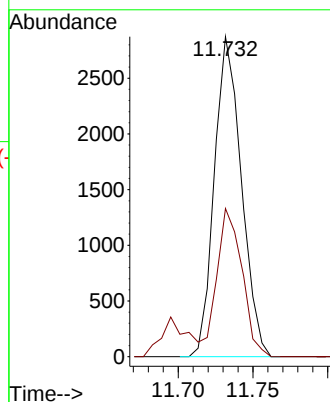
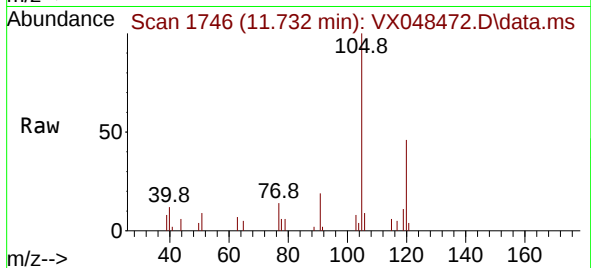
ClientSampleId :

Tgt Ion:105 Resp: 3606

Ion Ratio Lower Upper

105 100

120 43.2 22.1 66.5



#85

sec-Butylbenzene

Concen: 0.457 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VX048472.D

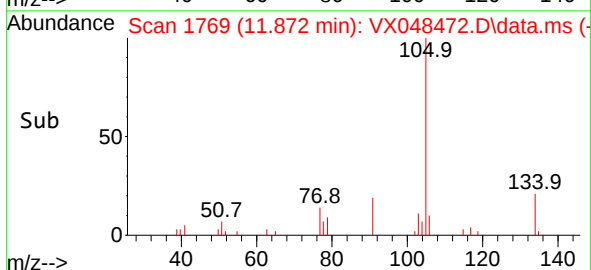
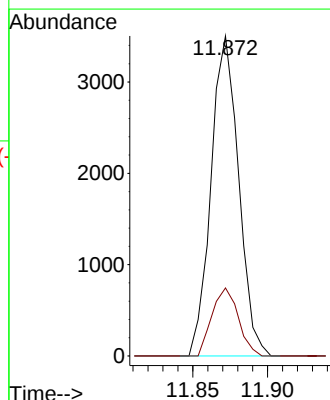
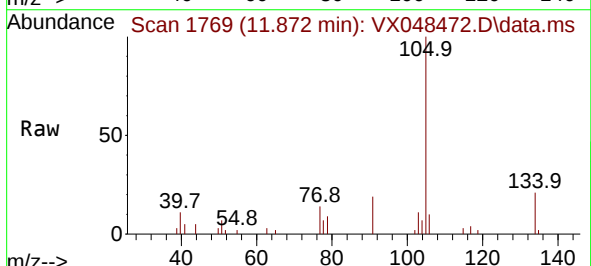
Acq: 04 Nov 2025 10:14

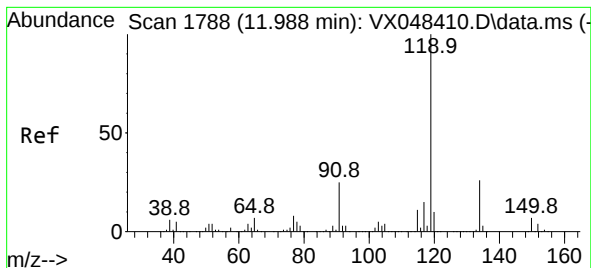
Tgt Ion:105 Resp: 4491

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1





#86

p-Isopropyltoluene

Concen: 0.457 ug/l

RT: 11.988 min Scan# 1788

Delta R.T. 0.000 min

Lab File: VX048472.D

Acq: 04 Nov 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

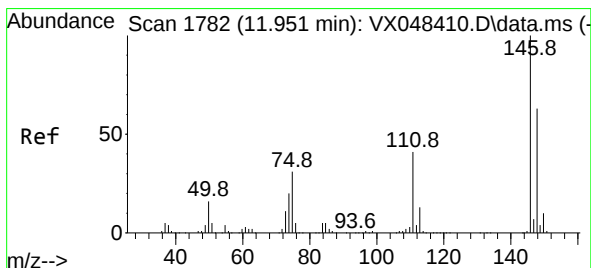
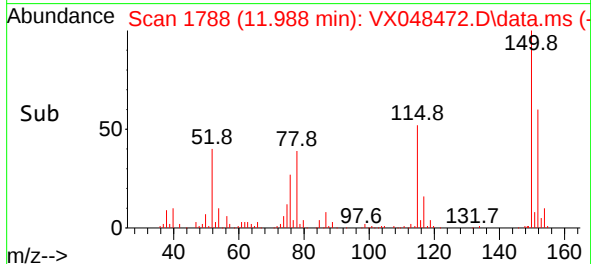
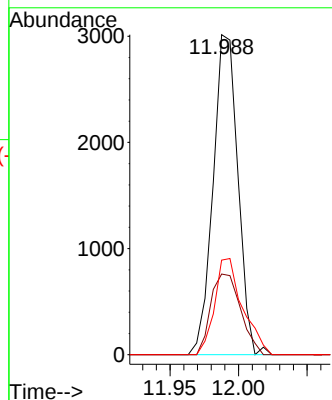
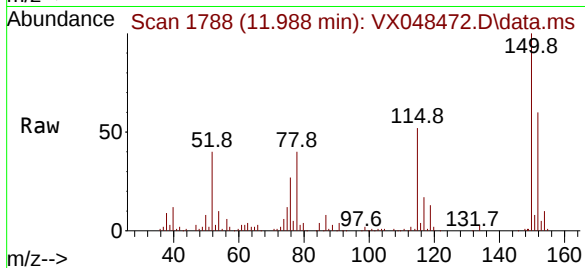
Tgt Ion:119 Resp: 3797

Ion Ratio Lower Upper

119 100

134 30.3 13.0 39.0

91 34.0 12.1 36.3



#87

1,3-Dichlorobenzene

Concen: 0.526 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VX048472.D

Acq: 04 Nov 2025 10:14

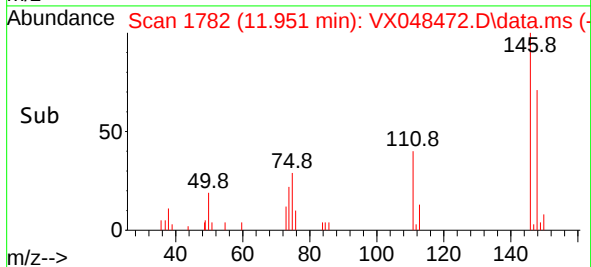
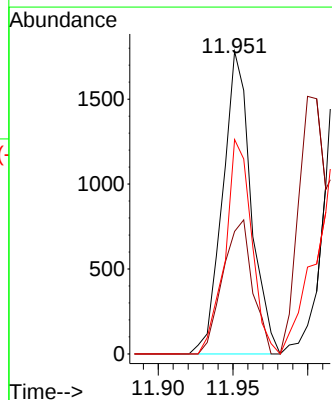
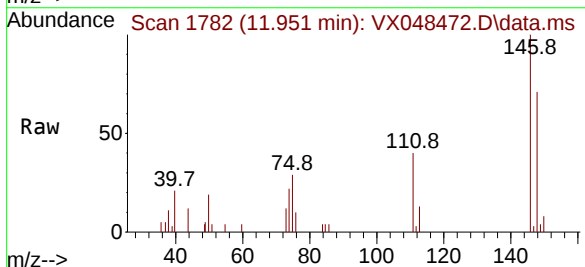
Tgt Ion:146 Resp: 2345

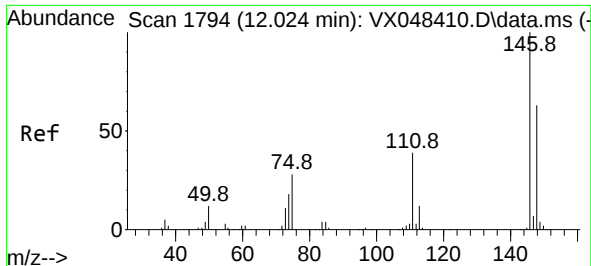
Ion Ratio Lower Upper

146 100

111 46.4 20.4 61.2

148 66.4 31.9 95.9





#88

1,4-Dichlorobenzene

Concen: 0.516 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.073 min

Lab File: VX048472.D

Acq: 04 Nov 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

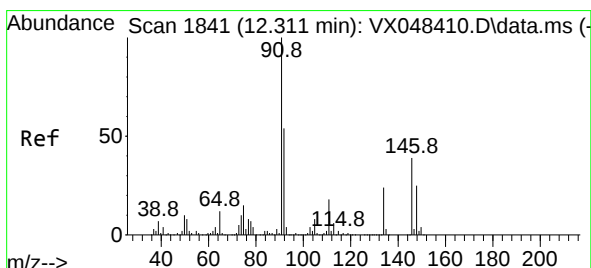
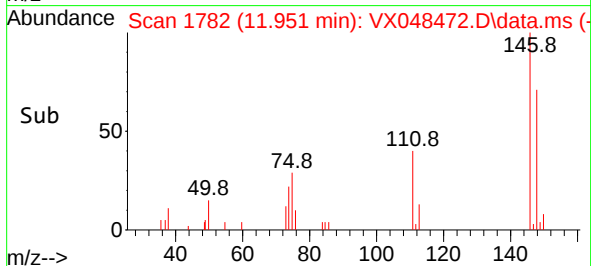
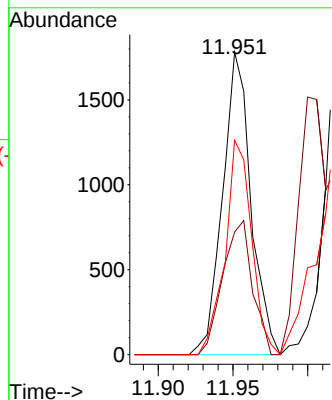
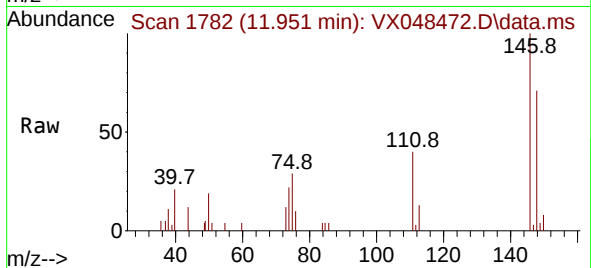
Tgt Ion:146 Resp: 2345

Ion Ratio Lower Upper

146 100

111 46.4 20.1 60.2

148 66.4 31.8 95.3



#89

n-Butylbenzene

Concen: 0.520 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VX048472.D

Acq: 04 Nov 2025 10:14

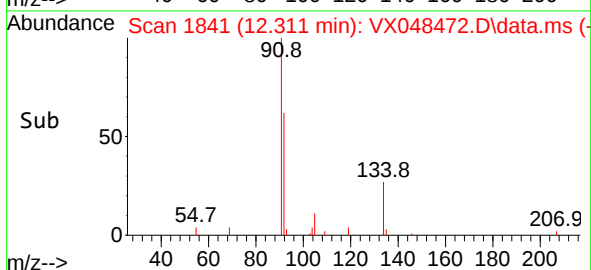
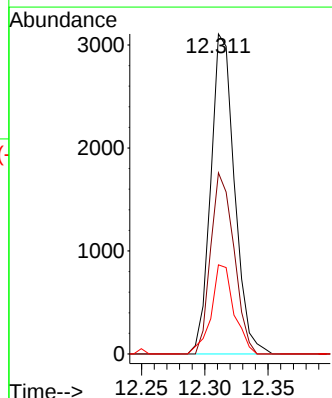
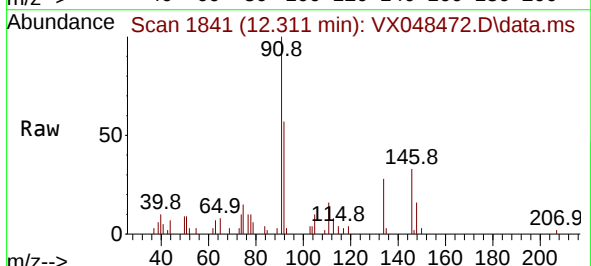
Tgt Ion: 91 Resp: 4055

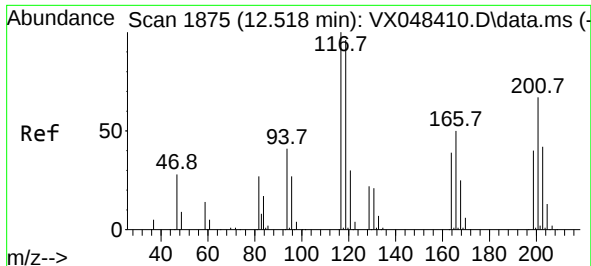
Ion Ratio Lower Upper

91 100

92 55.4 26.9 80.6

134 26.7 12.7 38.1

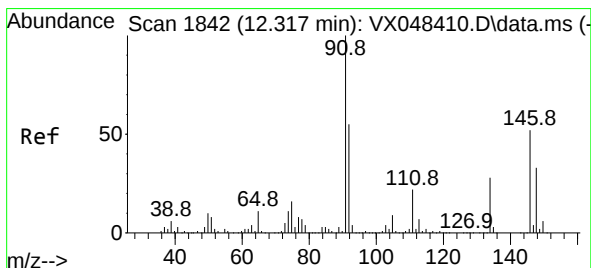
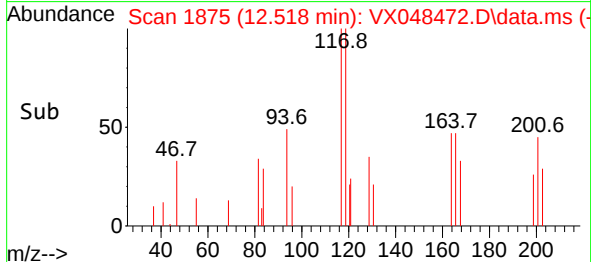
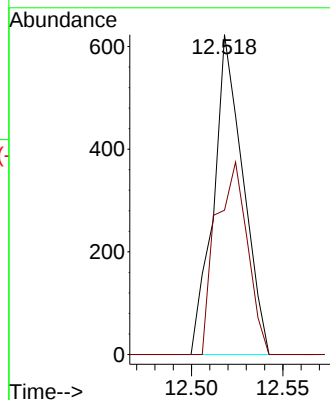
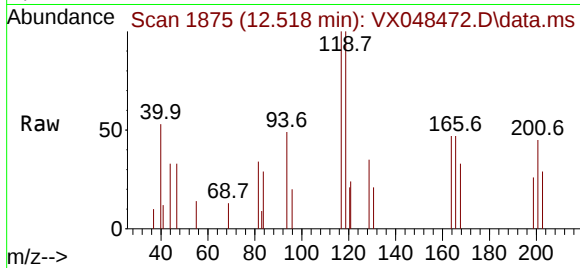




#90
Hexachloroethane
Concen: 0.479 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

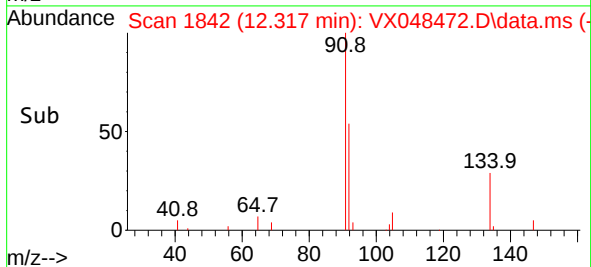
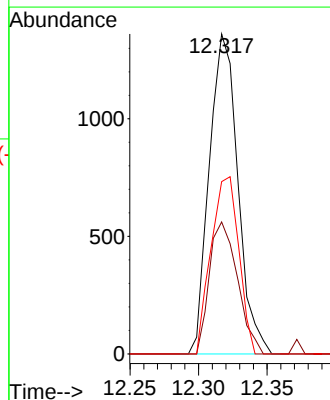
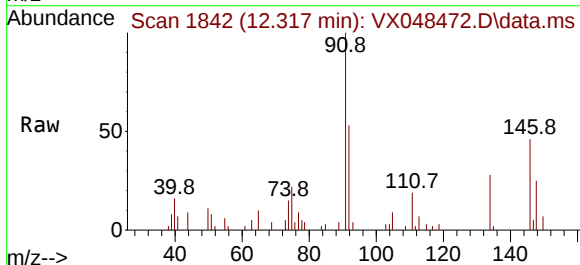
Instrument :
MSVOA_X
ClientSampleId :

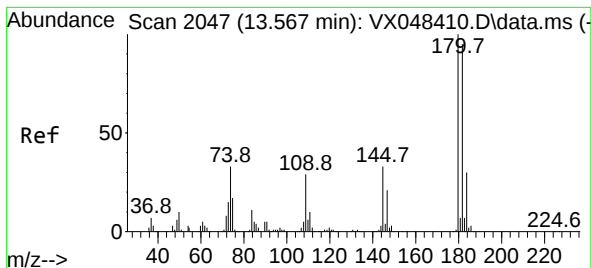
Tgt Ion:117 Resp: 699
Ion Ratio Lower Upper
117 100
201 64.2 34.1 102.2



#91
1,2-Dichlorobenzene
Concen: 0.477 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048472.D
Acq: 04 Nov 2025 10:14

Tgt Ion:146 Resp: 1973
Ion Ratio Lower Upper
146 100
111 40.6 21.9 65.5
148 53.7 31.9 95.5





#93

1,2,4-Trichlorobenzene

Concen: 0.741 ug/l

RT: 13.573 min Scan# 2048

Delta R.T. 0.006 min

Lab File: VX048472.D

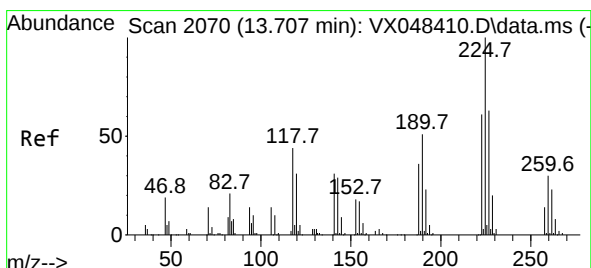
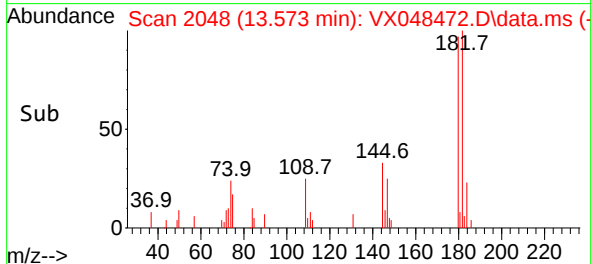
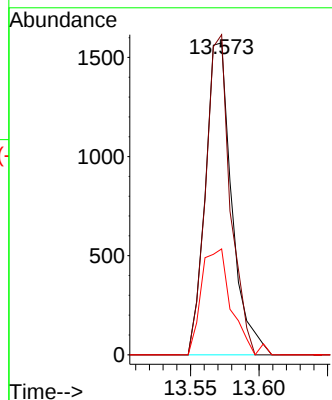
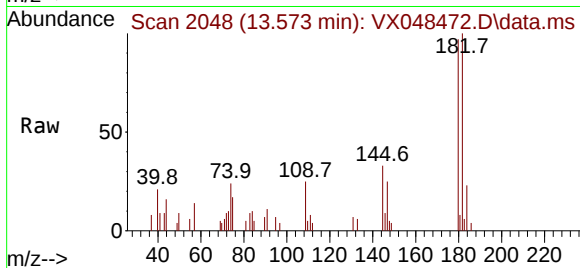
Acq: 04 Nov 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	180	Resp:	2112
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.3	142.0
145	38.6	16.3	48.9



#94

Hexachlorobutadiene

Concen: 0.733 ug/l

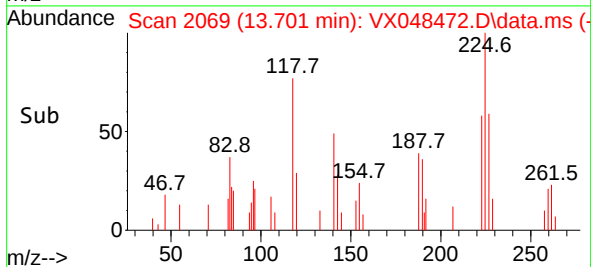
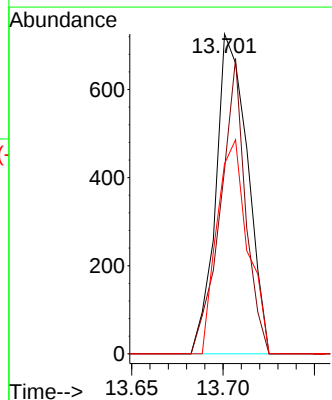
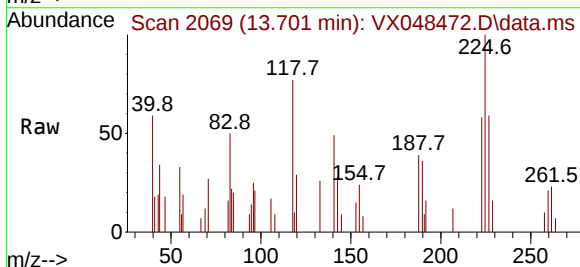
RT: 13.701 min Scan# 2069

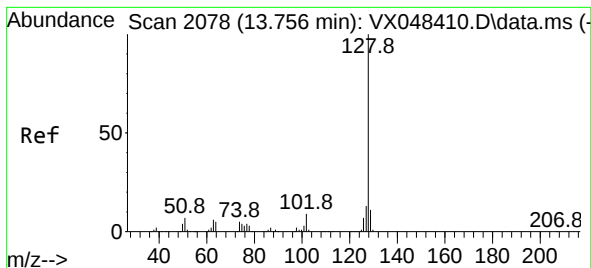
Delta R.T. -0.006 min

Lab File: VX048472.D

Acq: 04 Nov 2025 10:14

Tgt Ion:	225	Resp:	877
Ion Ratio	Lower	Upper	
225	100		
223	72.7	32.6	97.7
227	65.2	32.5	97.4





#95

Naphthalene

Concen: 0.652 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. 0.000 min

Lab File: VX048472.D

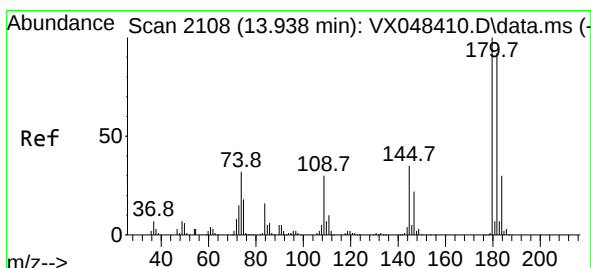
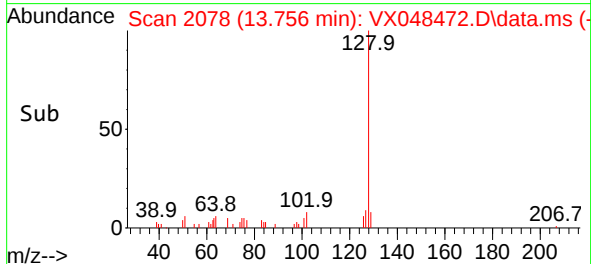
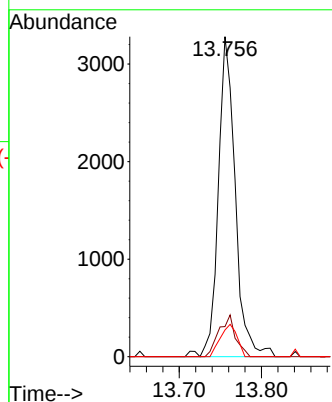
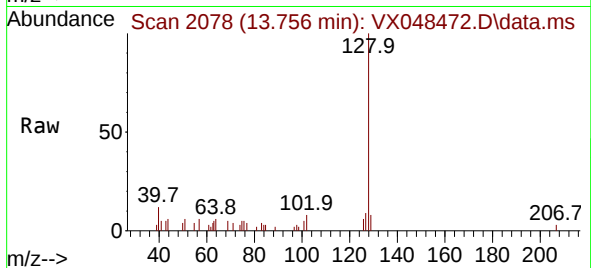
Acq: 04 Nov 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:128	Resp:	4698
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.2 15.4
129	9.9	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 0.842 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VX048472.D

Acq: 04 Nov 2025 10:14

Tgt Ion:180	Resp:	2180
Ion Ratio	Lower	Upper
180	100	
182	89.5	46.6 139.7
145	41.3	16.9 50.7

