

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045277.D
 Acq On : 13 Mar 2025 18:15
 Operator : JC/MD
 Sample : Q1559-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT15811-20250311

Quant Time: Mar 14 12:29:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

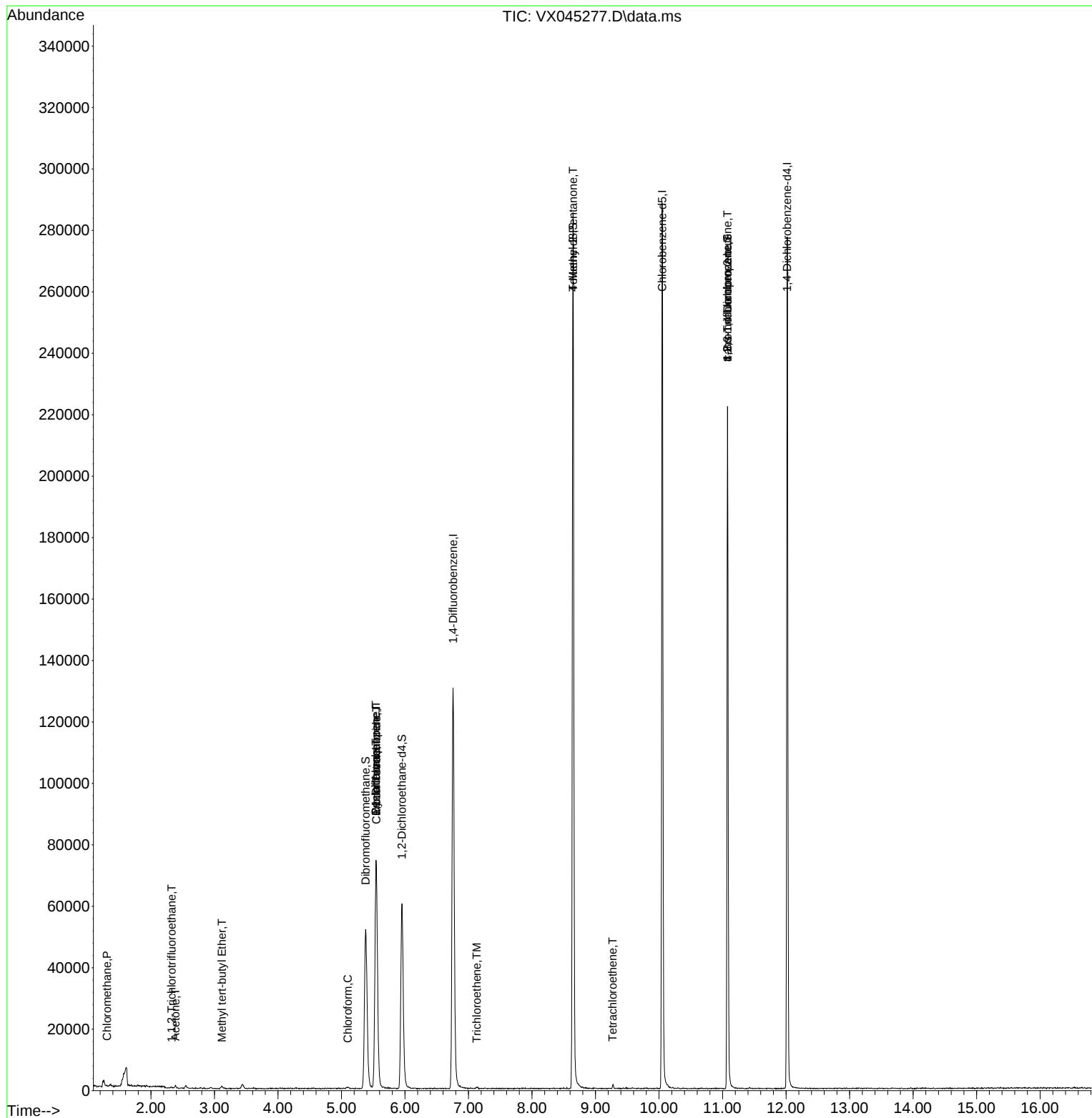
Internal Standards						
1) Pentafluorobenzene	5.544	168	67080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129858	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57585	53.969	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.940%	
35) Dibromofluoromethane	5.379	113	45293	52.161	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.320%	
50) Toluene-d8	8.647	98	163842	52.047	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.100%	
62) 4-Bromofluorobenzene	11.079	95	57510	55.131	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 110.260%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	319	0.309	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	222	0.285	ug/l #	38
16) Acetone	2.386	43	1065	2.151	ug/l #	72
19) Methyl tert-butyl Ether	3.117	73	676	0.244	ug/l	98
30) Chloroform	5.099	83	459	0.276	ug/l	89
31) Cyclohexane	5.544	56	1695	1.168	ug/l #	32
36) 1,1-Dichloropropene	5.544	75	6042	5.074	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7206	5.960	ug/l #	14
44) Trichloroethene	7.129	130	207	0.234	ug/l	43
51) 4-Methyl-2-Pentanone	8.647	43	838	0.550	ug/l #	1
64) Tetrachloroethene	9.269	164	165	0.210	ug/l #	79
76) 1,2,3-Trichloropropane	11.079	75	31319	26.232	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31319	89.771	ug/l #	6

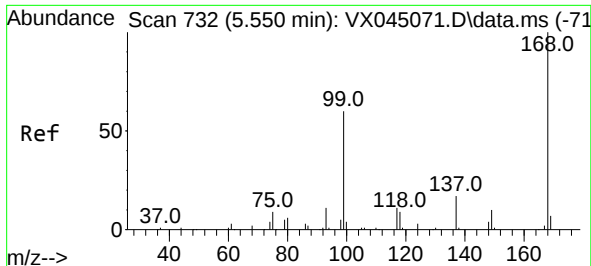
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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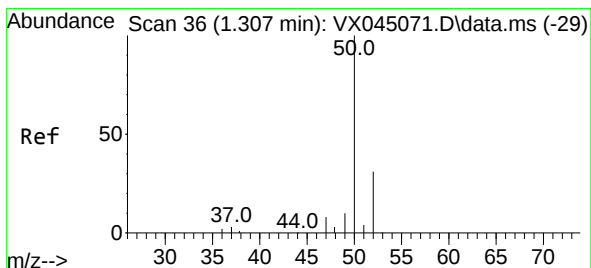
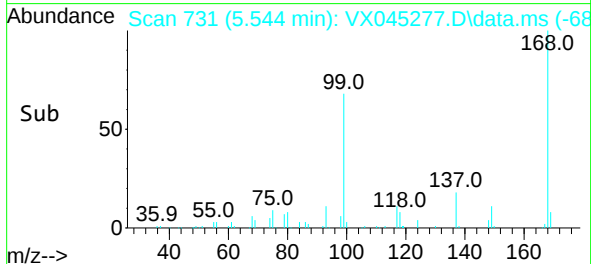
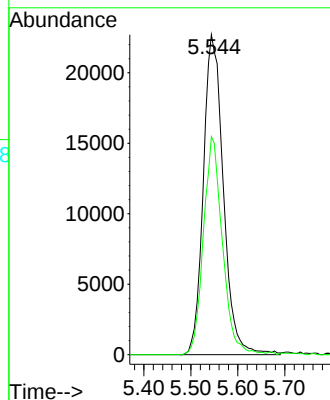
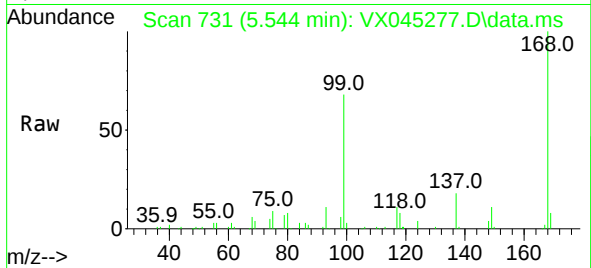




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045277.D
Acq: 13 Mar 2025 18:15

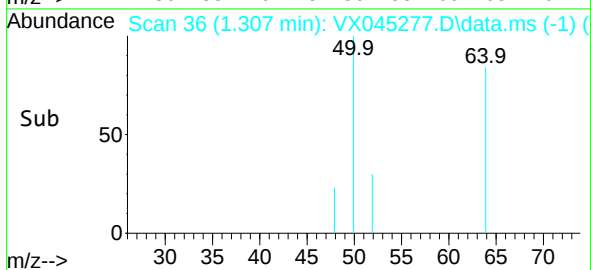
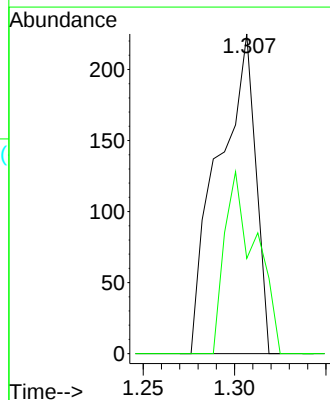
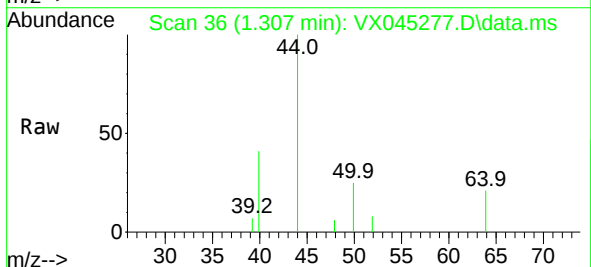
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20250311

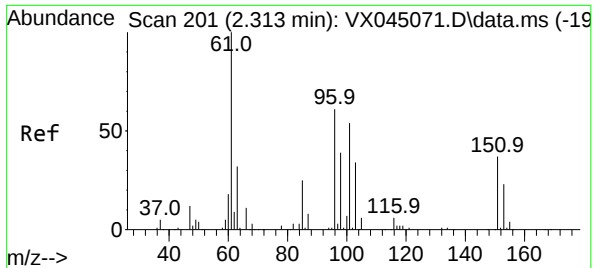
Tgt Ion:168 Resp: 67080
Ion Ratio Lower Upper
168 100
99 68.1 48.2 72.4



#3
Chloromethane
Concen: 0.309 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX045277.D
Acq: 13 Mar 2025 18:15

Tgt Ion: 50 Resp: 319
Ion Ratio Lower Upper
50 100
52 29.8 25.0 37.4

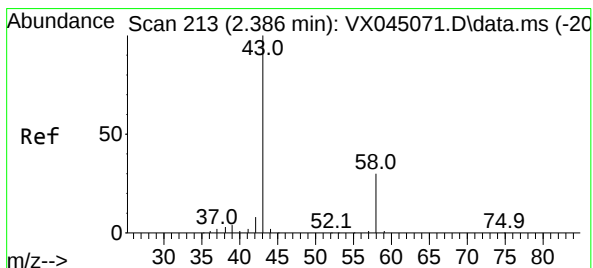
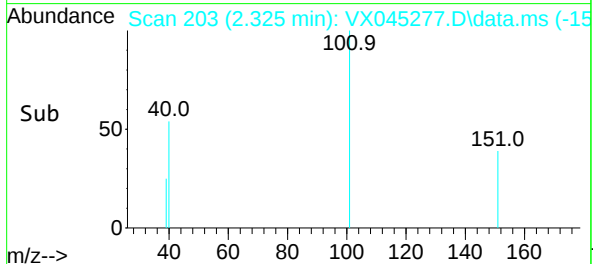
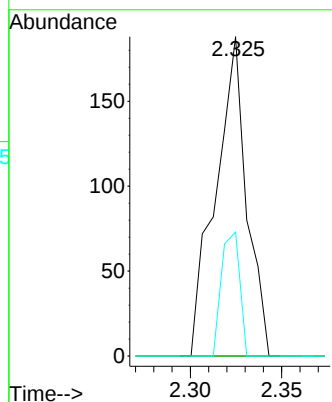
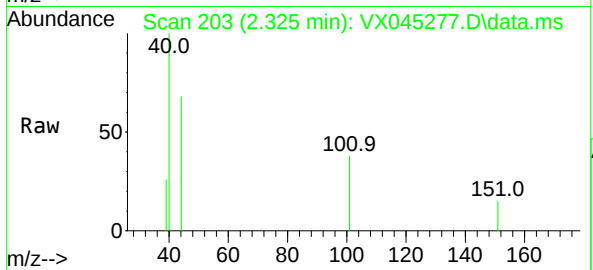




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.285 ug/l
RT: 2.325 min Scan# 201
Delta R.T. 0.012 min
Lab File: VX045277.D
Acq: 13 Mar 2025 18:15

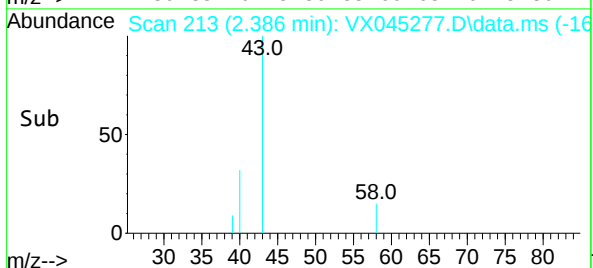
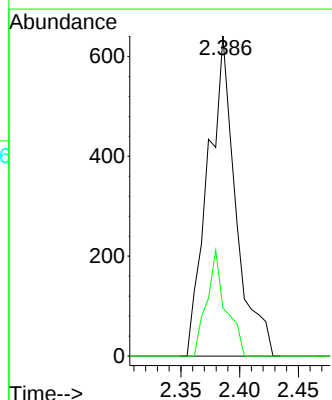
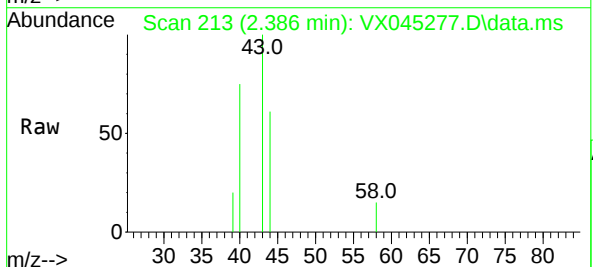
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20250311

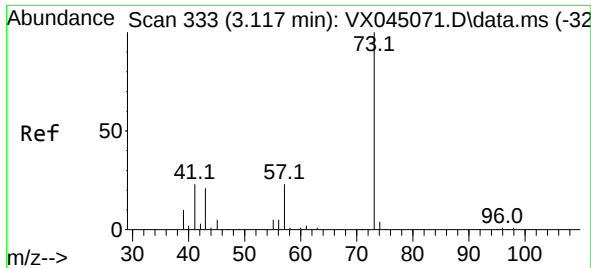
Tgt Ion:101 Resp: 222
Ion Ratio Lower Upper
101 100
85 0.0 36.2 54.4#
151 23.0 56.4 84.6#



#16
Acetone
Concen: 2.151 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045277.D
Acq: 13 Mar 2025 18:15

Tgt Ion: 43 Resp: 1065
Ion Ratio Lower Upper
43 100
58 15.0 24.2 36.4#

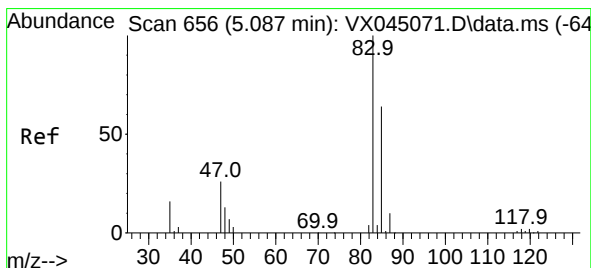
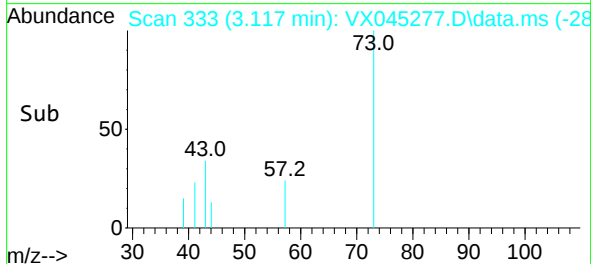
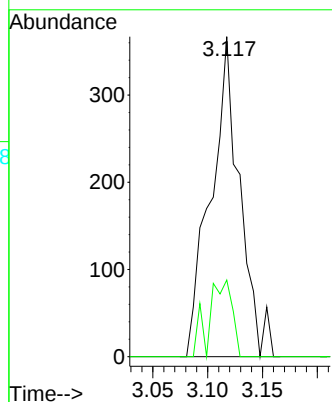
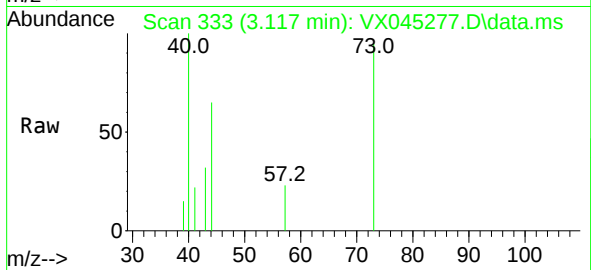




#19
Methyl tert-butyl Ether
Concen: 0.244 ug/l
RT: 3.117 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045277.D
Acq: 13 Mar 2025 18:15

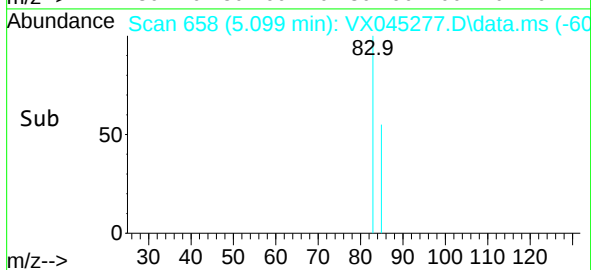
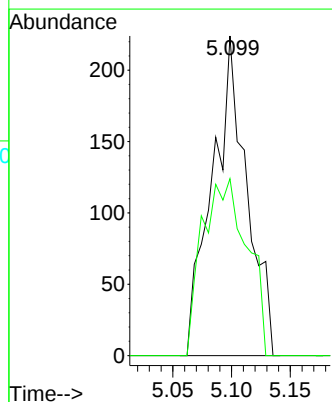
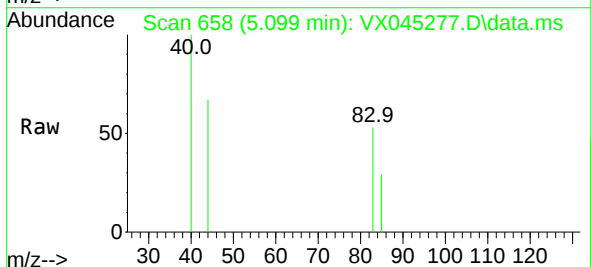
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20250311

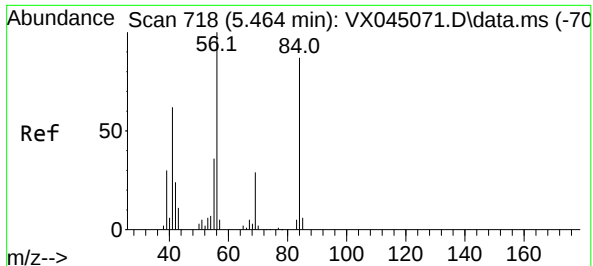
Tgt Ion: 73 Resp: 676
Ion Ratio Lower Upper
73 100
57 24.0 18.5 27.7



#30
Chloroform
Concen: 0.276 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.012 min
Lab File: VX045277.D
Acq: 13 Mar 2025 18:15

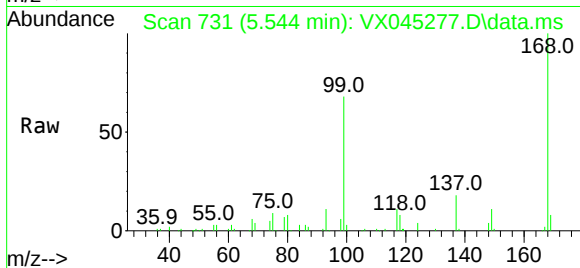
Tgt Ion: 83 Resp: 459
Ion Ratio Lower Upper
83 100
85 55.4 51.4 77.2



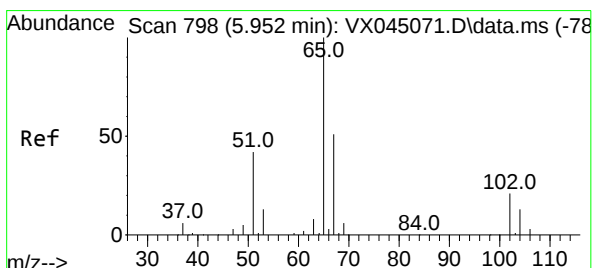
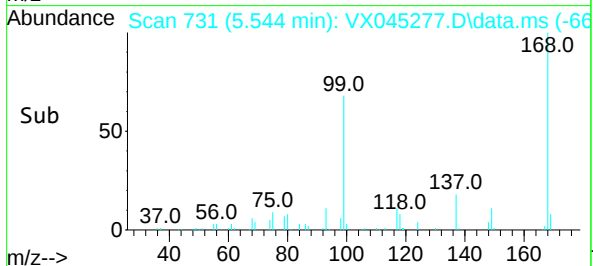
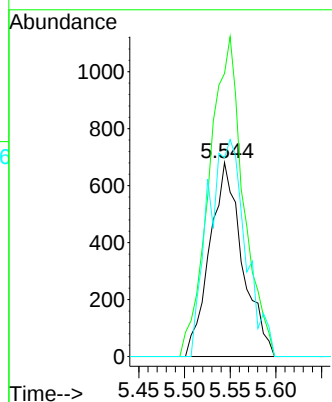


#31
Cyclohexane
Concen: 1.168 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045277.D
Acq: 13 Mar 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
TT15811-20250311

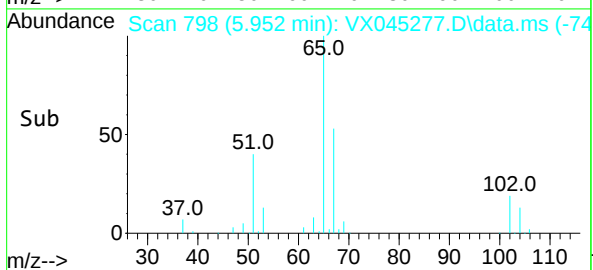
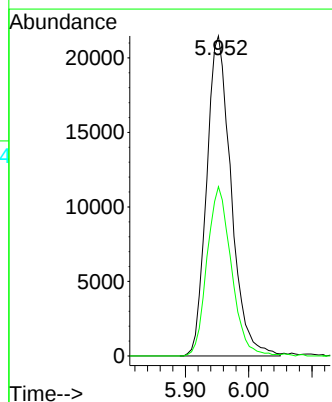
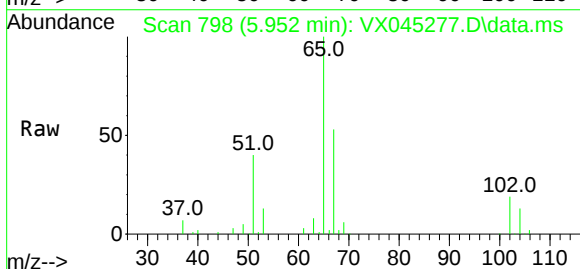


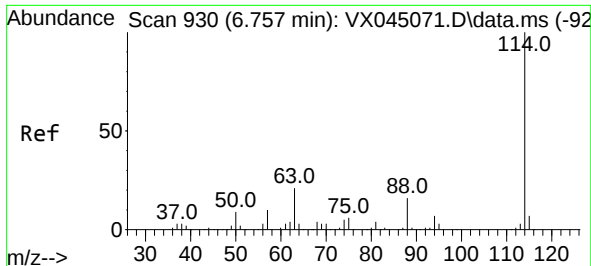
Tgt Ion: 56 Resp: 1695
Ion Ratio Lower Upper
56 100
69 146.0 23.4 35.2#
84 102.5 69.4 104.2



#33
1,2-Dichloroethane-d4
Concen: 53.969 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045277.D
Acq: 13 Mar 2025 18:15

Tgt Ion: 65 Resp: 57585
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.2

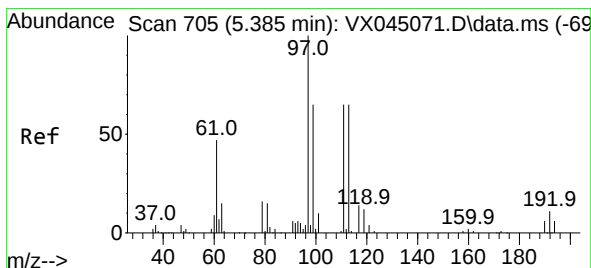
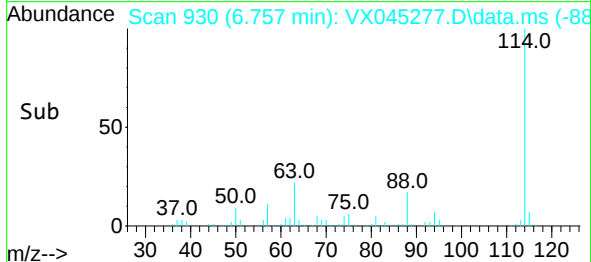
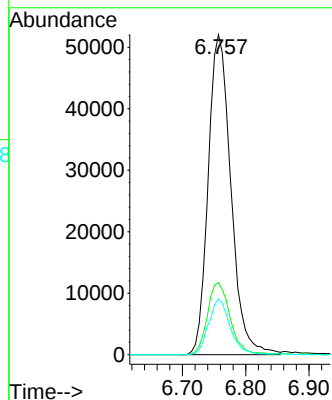
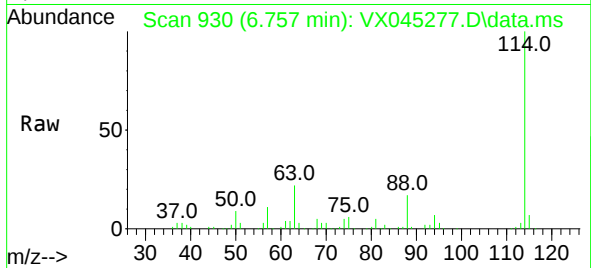




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045277.D
Acq: 13 Mar 2025 18:15

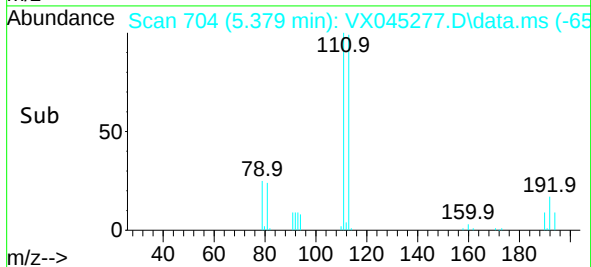
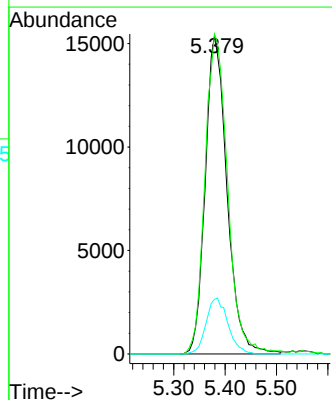
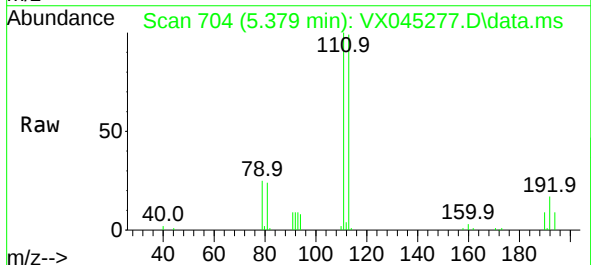
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20250311

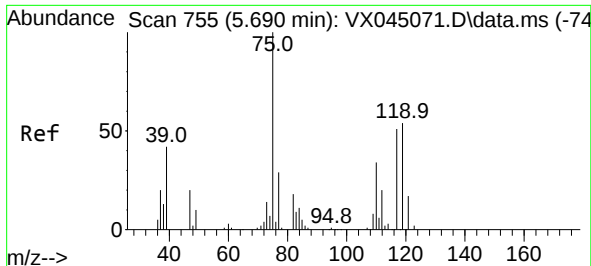
Tgt Ion:114 Resp: 129858
Ion Ratio Lower Upper
114 100
63 22.5 0.0 41.8
88 17.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.161 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045277.D
Acq: 13 Mar 2025 18:15

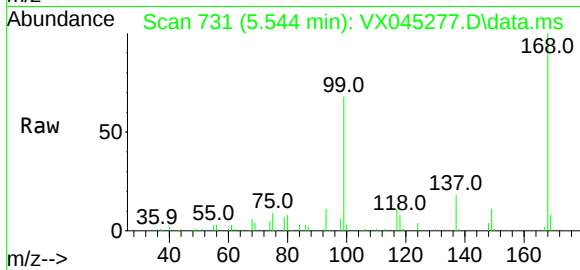
Tgt Ion:113 Resp: 45293
Ion Ratio Lower Upper
113 100
111 104.8 81.8 122.6
192 17.5 14.3 21.5



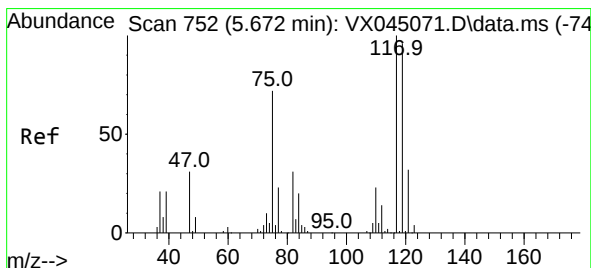
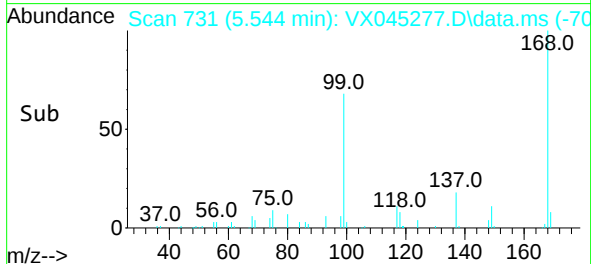
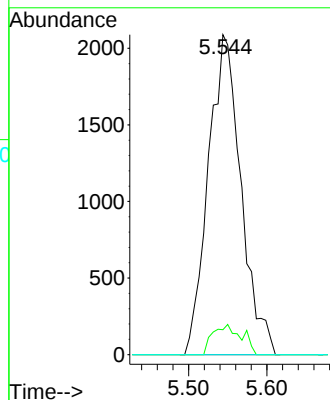


#36
1,1-Dichloropropene
Concen: 5.074 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX045277.D
Acq: 13 Mar 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
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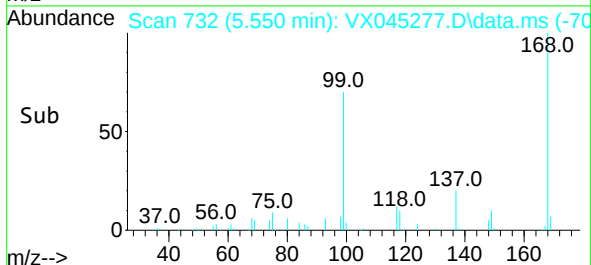
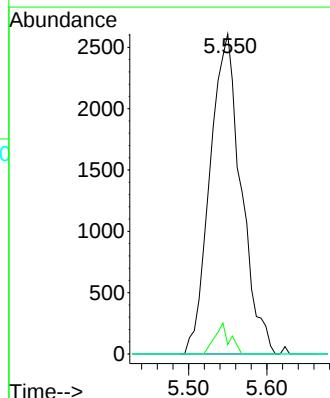
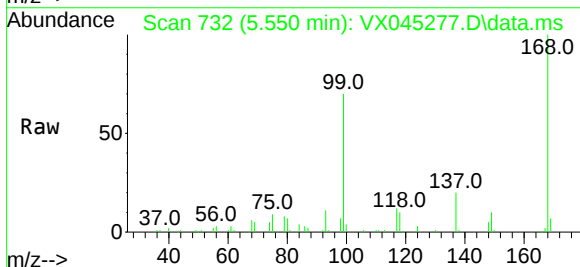


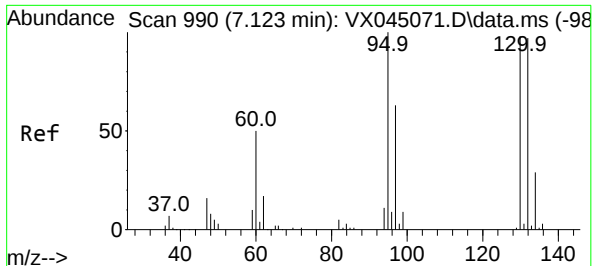
Tgt Ion: 75 Resp: 6042
Ion Ratio Lower Upper
75 100
110 8.3 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.960 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045277.D
Acq: 13 Mar 2025 18:15

Tgt Ion: 117 Resp: 7206
Ion Ratio Lower Upper
117 100
119 3.0 76.7 115.1#
121 0.0 25.5 38.3#

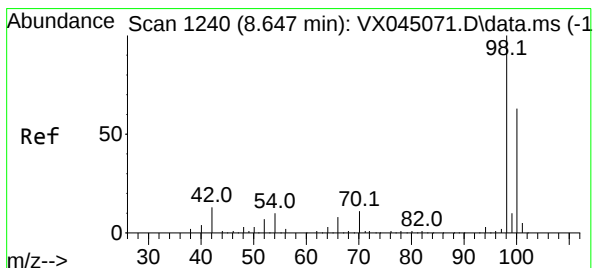
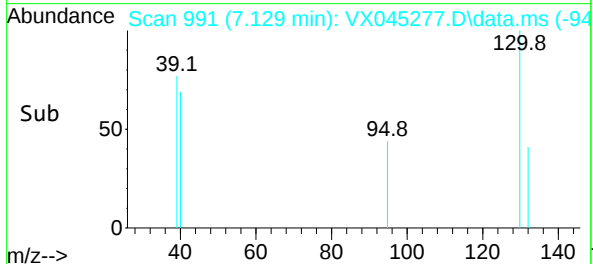
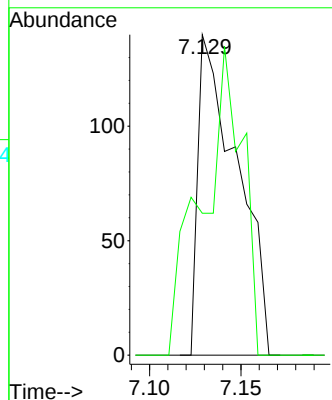
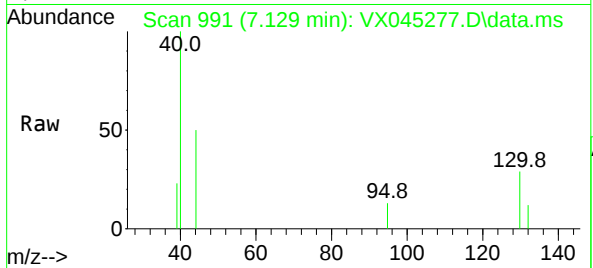




#44
 Trichloroethene
 Concen: 0.234 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX045277.D
 Acq: 13 Mar 2025 18:15

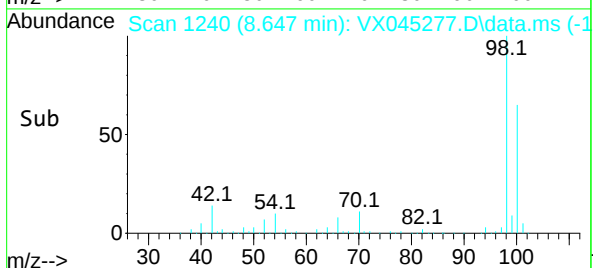
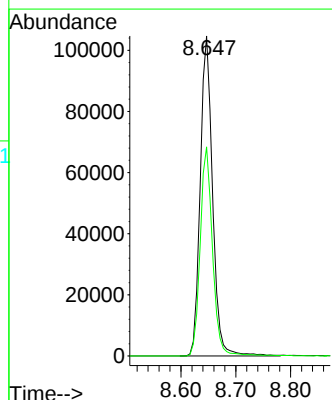
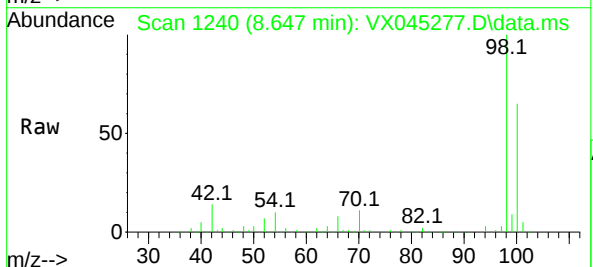
Instrument :
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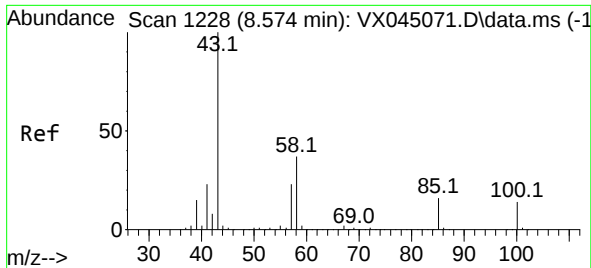
Tgt Ion:130 Resp: 207
 Ion Ratio Lower Upper
 130 100
 95 44.3 0.0 205.0



#50
 Toluene-d8
 Concen: 52.047 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX045277.D
 Acq: 13 Mar 2025 18:15

Tgt Ion: 98 Resp: 163842
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.0 78.0

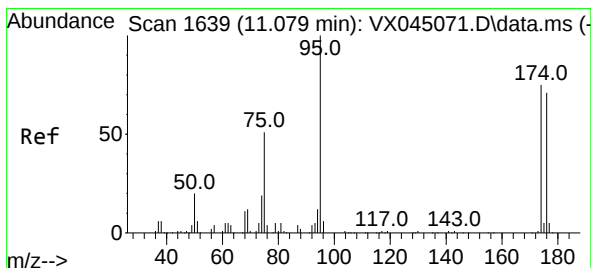
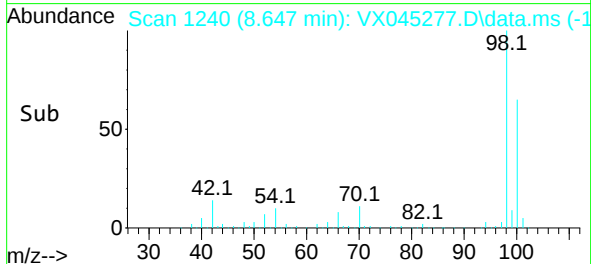
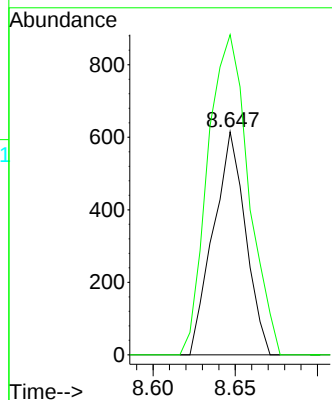
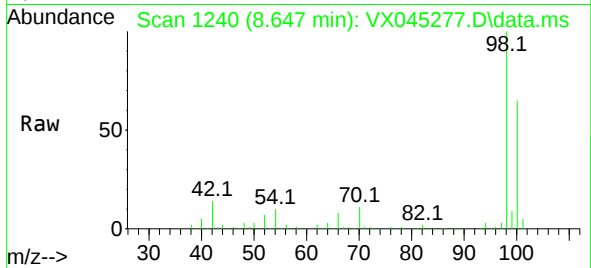




#51
4-Methyl-2-Pentanone
Concen: 0.550 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045277.D
Acq: 13 Mar 2025 18:15

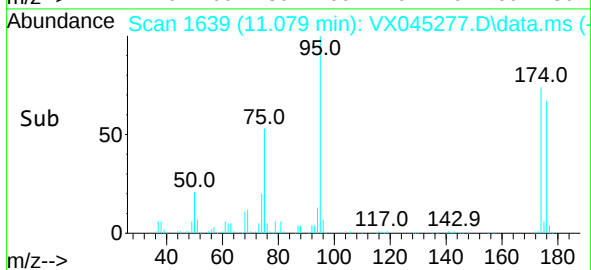
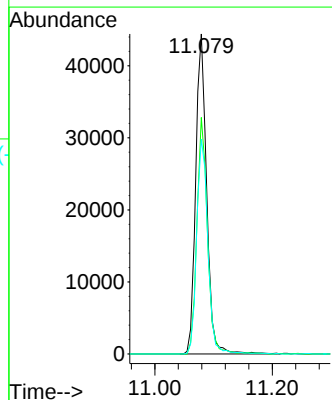
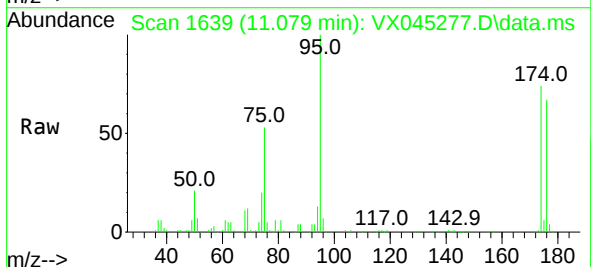
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20250311

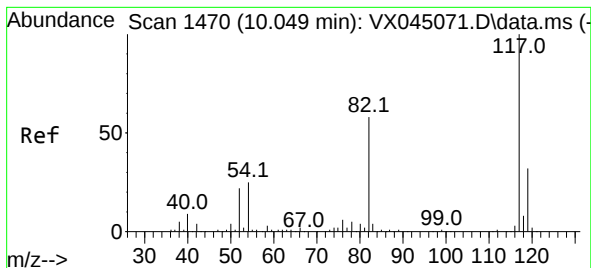
Tgt Ion: 43 Resp: 838
Ion Ratio Lower Upper
43 100
58 181.7 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 55.131 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045277.D
Acq: 13 Mar 2025 18:15

Tgt Ion: 95 Resp: 57510
Ion Ratio Lower Upper
95 100
174 71.3 0.0 148.2
176 68.5 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045277.D

Acq: 13 Mar 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

TT15811-20250311

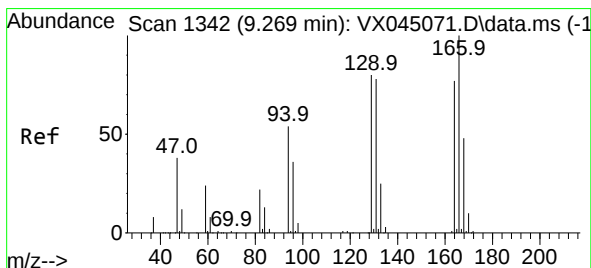
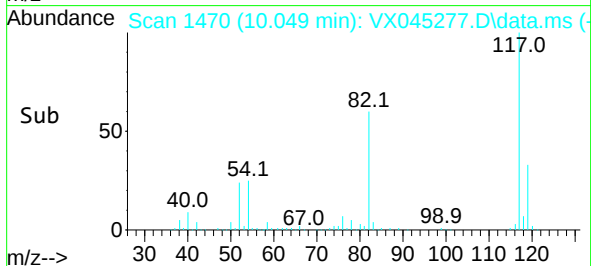
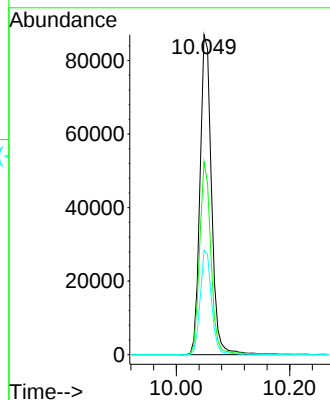
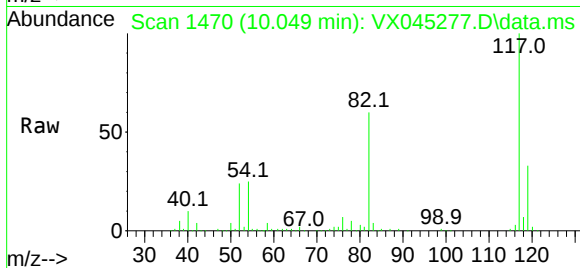
Tgt Ion:117 Resp: 122457

Ion Ratio Lower Upper

117 100

82 60.3 46.3 69.5

119 32.6 25.7 38.5



#64

Tetrachloroethene

Concen: 0.210 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX045277.D

Acq: 13 Mar 2025 18:15

Tgt Ion:164 Resp: 165

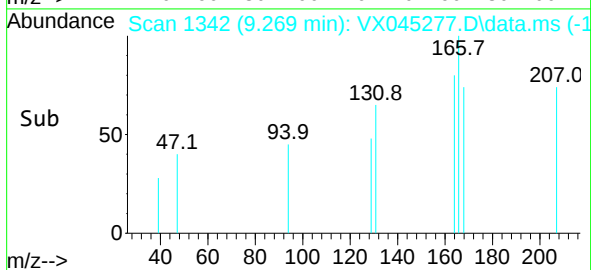
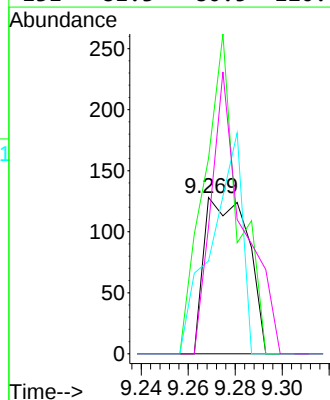
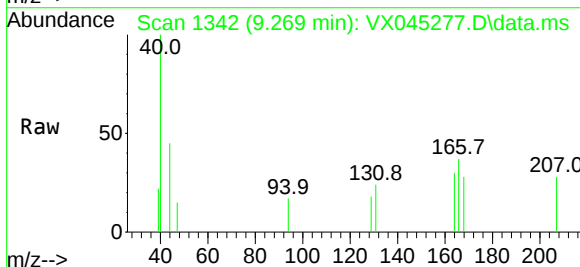
Ion Ratio Lower Upper

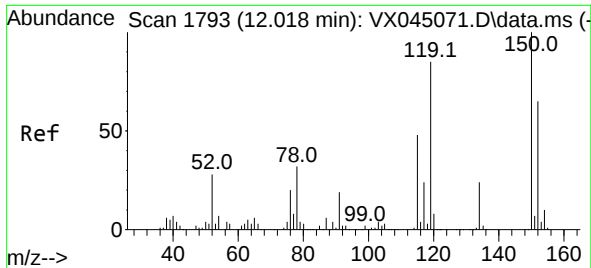
164 100

166 125.0 103.6 155.4

129 59.4 82.7 124.1#

131 81.3 80.5 120.7

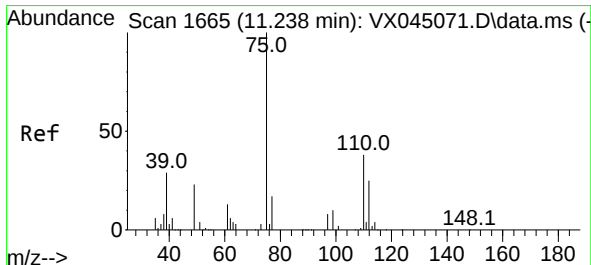
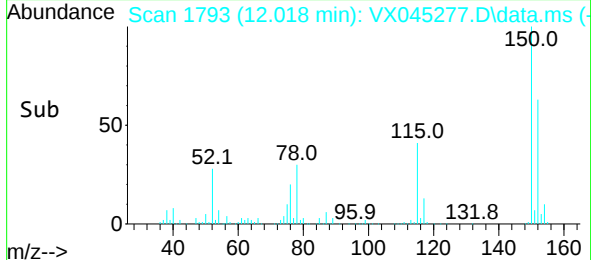
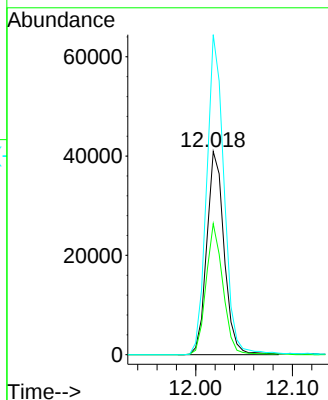
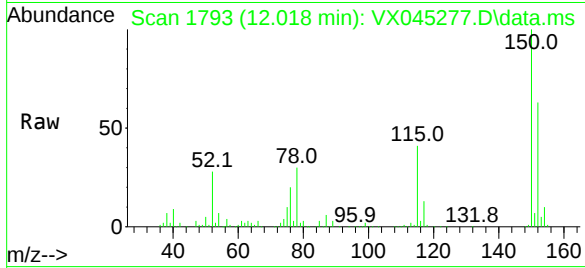




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045277.D
 Acq: 13 Mar 2025 18:15

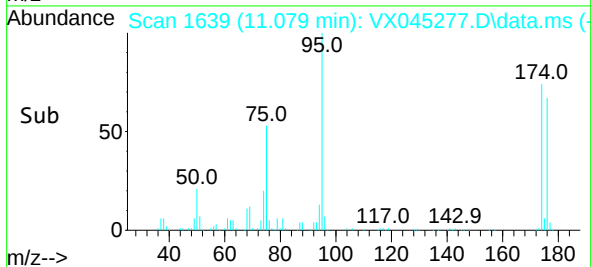
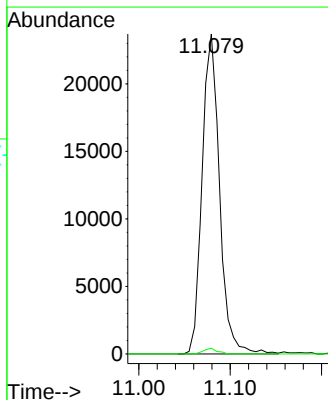
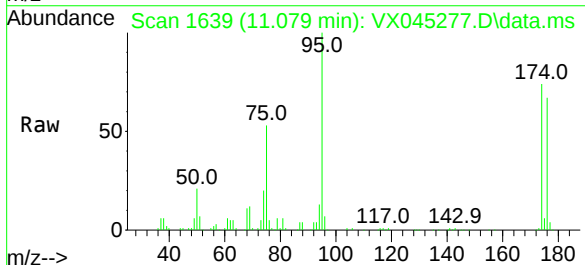
Instrument :
 MSVOA_X
 ClientSampleId :
 TT15811-20250311

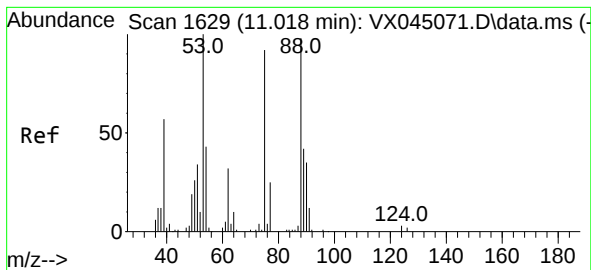
Tgt Ion:152 Resp: 51296
 Ion Ratio Lower Upper
 152 100
 115 62.7 44.2 132.6
 150 159.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.232 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045277.D
 Acq: 13 Mar 2025 18:15

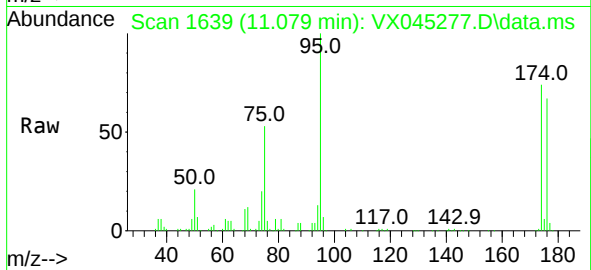
Tgt Ion: 75 Resp: 31319
 Ion Ratio Lower Upper
 75 100
 77 1.4 20.7 62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 89.771 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045277.D
Acq: 13 Mar 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
TT15811-20250311



Tgt Ion: 75 Resp: 31319
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

