

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030625\
 Data File : VX045161.D
 Acq On : 06 Mar 2025 12:23
 Operator : JC/MD
 Sample : Q1488-14DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ENV-104-GW01DL

Quant Time: Mar 07 00:39:59 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)

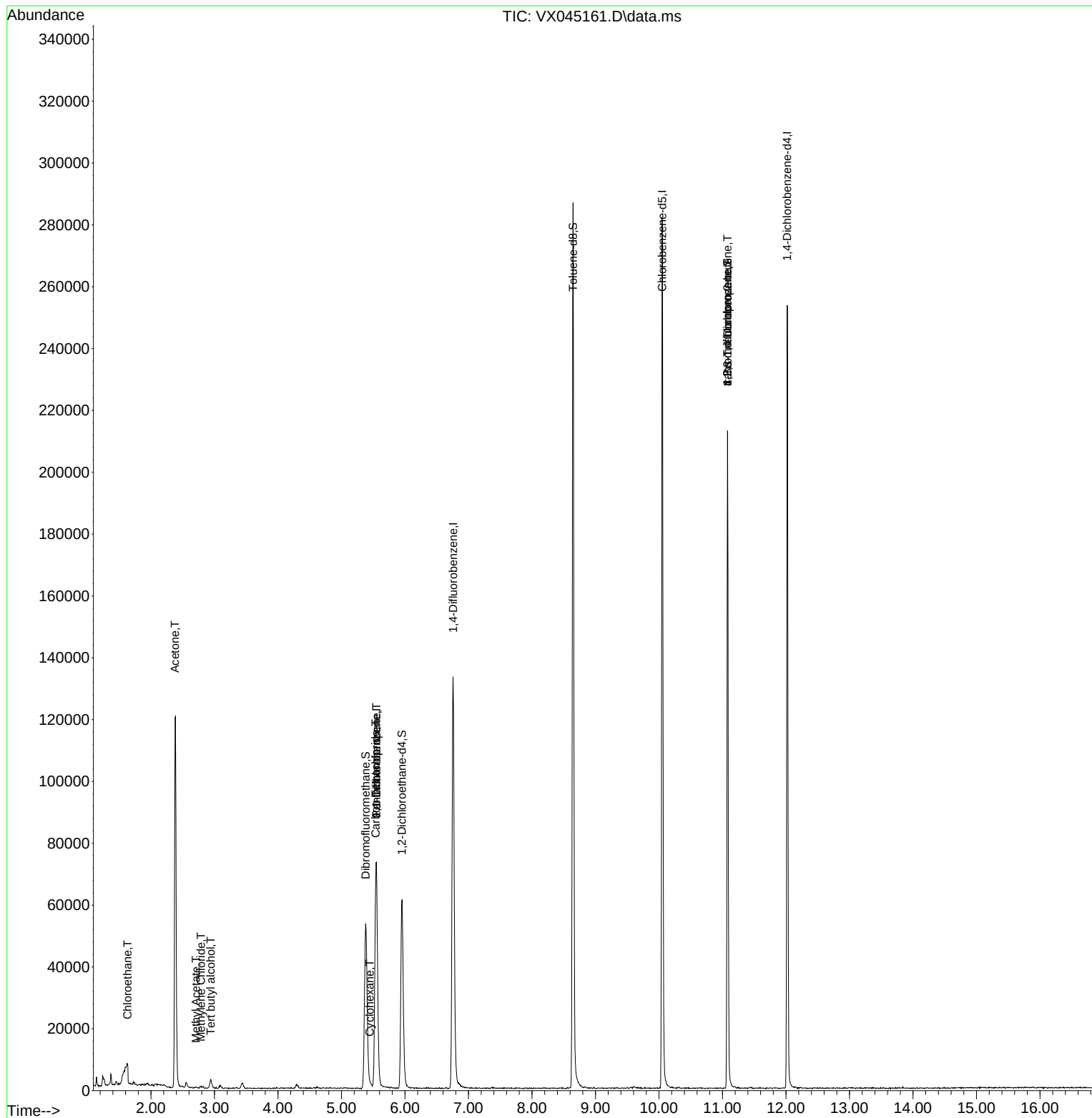
Internal Standards						
1) Pentafluorobenzene	5.550	168	70228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133297	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58140	52.046	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.100%	
35) Dibromofluoromethane	5.379	113	47297	53.064	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.120%	
50) Toluene-d8	8.647	98	172598	53.414	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.820%	
62) 4-Bromofluorobenzene	11.079	95	55482	51.815	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.620%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.630	64	132	0.267	ug/l #	41
11) Tert butyl alcohol	2.941	59	1655	7.822	ug/l #	73
16) Acetone	2.380	43	133319	257.228	ug/l	97
18) Methyl Acetate	2.709	43	461	0.370	ug/l #	54
20) Methylene Chloride	2.788	84	213	0.207	ug/l #	74
31) Cyclohexane	5.446	56	321	0.211	ug/l #	60
36) 1,1-Dichloropropene	5.550	75	6174	5.051	ug/l #	50
38) Carbon Tetrachloride	5.538	117	7422	5.981	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	30641	27.317	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	30641	93.485	ug/l #	6

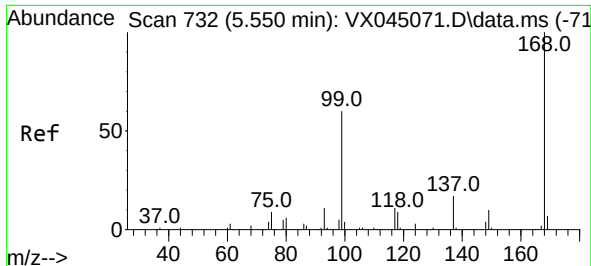
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030625\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ENV-104-GW01DL

Quant Time: Mar 07 00:39:59 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

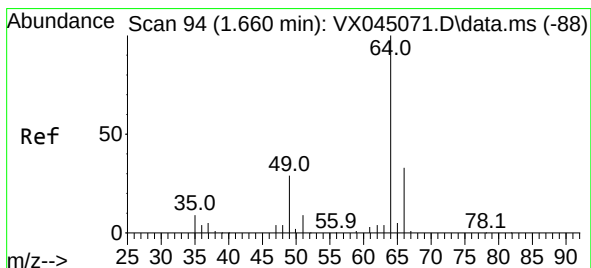
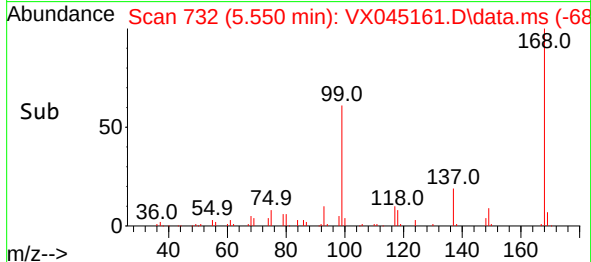
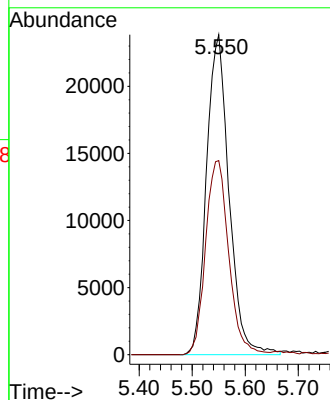
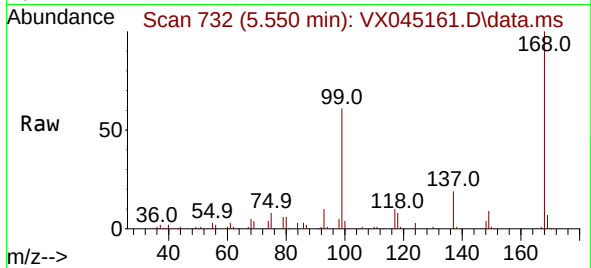




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045161.D
Acq: 06 Mar 2025 12:23

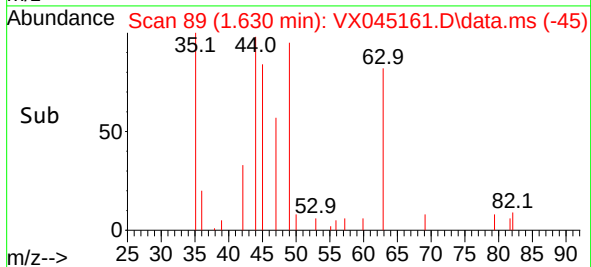
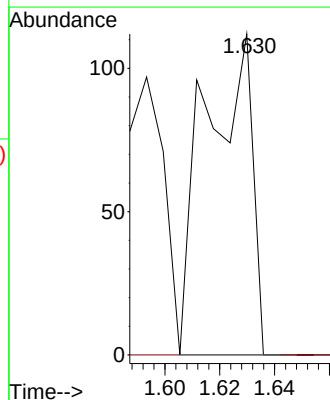
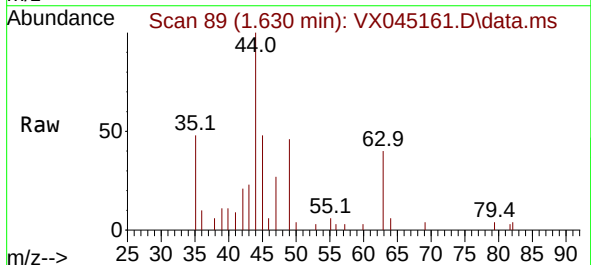
Instrument :
MSVOA_X
ClientSampleId :
ENV-104-GW01DL

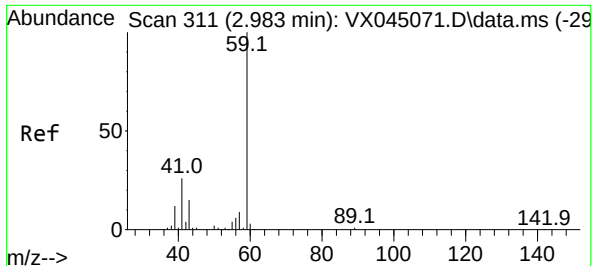
Tgt Ion:168 Resp: 70228
Ion Ratio Lower Upper
168 100
99 60.7 48.2 72.4



#6
Chloroethane
Concen: 0.267 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.030 min
Lab File: VX045161.D
Acq: 06 Mar 2025 12:23

Tgt Ion: 64 Resp: 132
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#

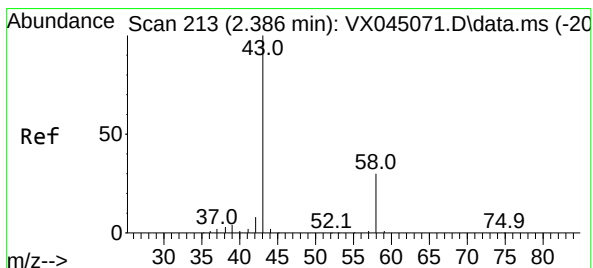
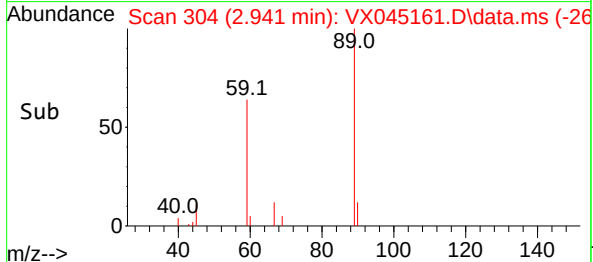
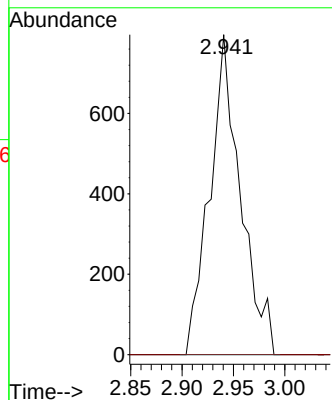
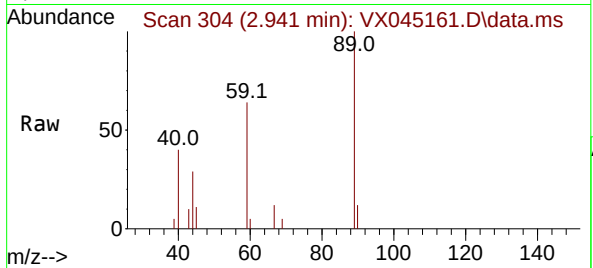




#11
Tert butyl alcohol
Concen: 7.822 ug/l
RT: 2.941 min Scan# 30
Delta R.T. -0.043 min
Lab File: VX045161.D
Acq: 06 Mar 2025 12:23

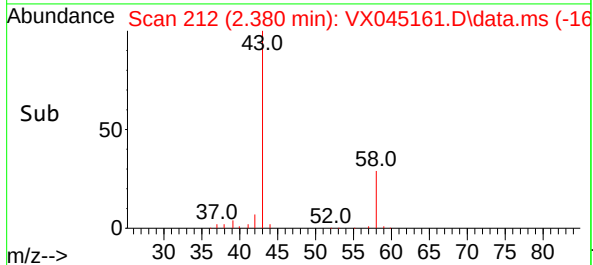
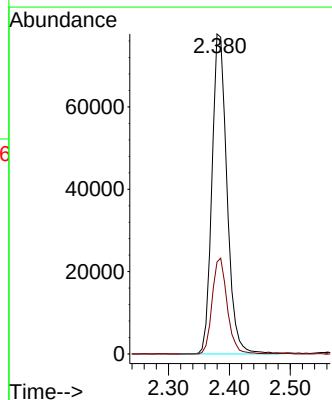
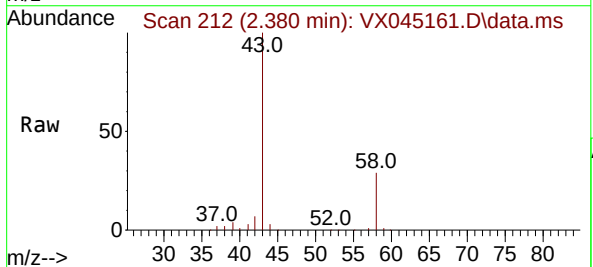
Instrument :
MSVOA_X
ClientSampleId :
ENV-104-GW01DL

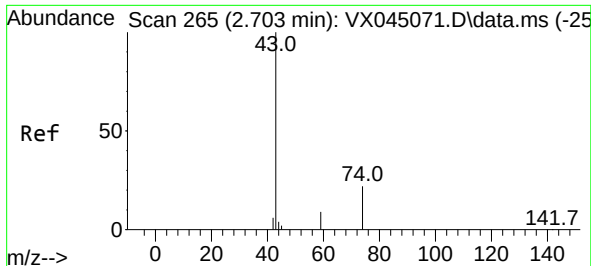
Tgt Ion: 59 Resp: 1655
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 257.228 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045161.D
Acq: 06 Mar 2025 12:23

Tgt Ion: 43 Resp: 133319
Ion Ratio Lower Upper
43 100
58 28.7 24.2 36.4

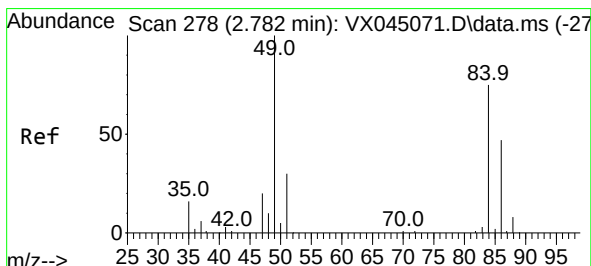
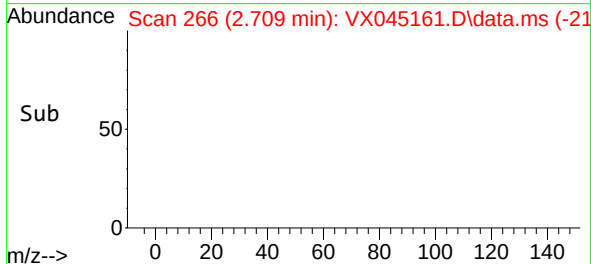
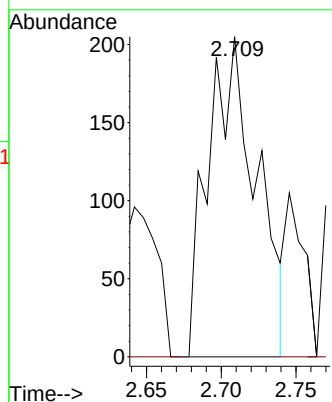
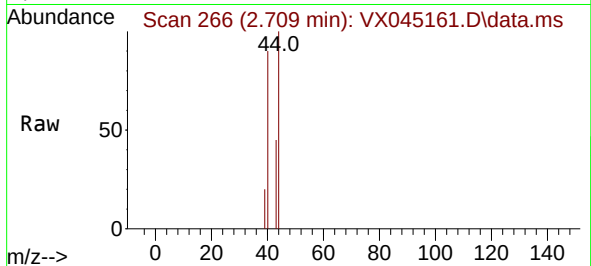




#18
Methyl Acetate
Concen: 0.370 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045161.D
Acq: 06 Mar 2025 12:23

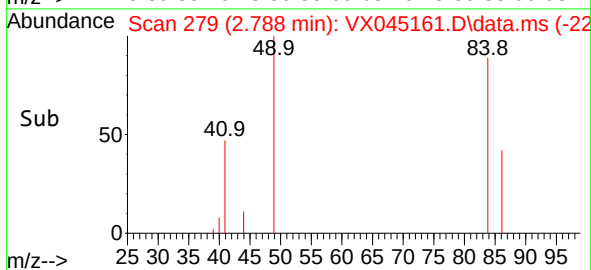
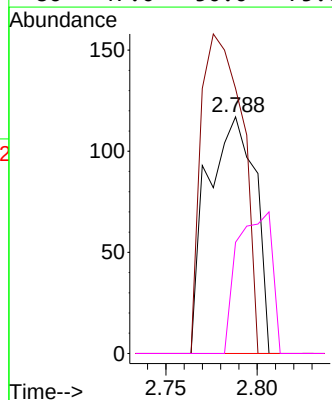
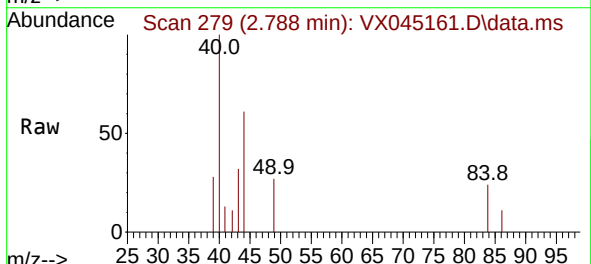
Instrument :
MSVOA_X
ClientSampleId :
ENV-104-GW01DL

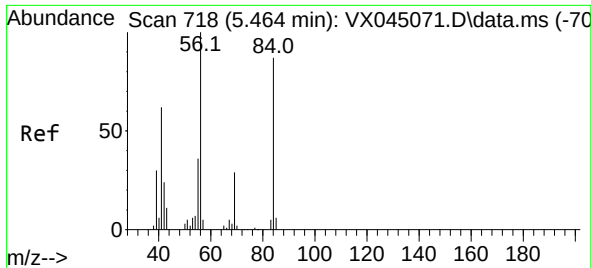
Tgt Ion: 43 Resp: 461
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#



#20
Methylene Chloride
Concen: 0.207 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045161.D
Acq: 06 Mar 2025 12:23

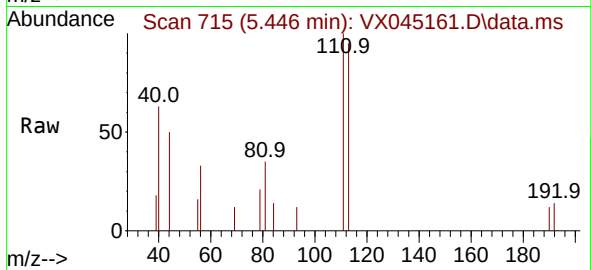
Tgt Ion: 84 Resp: 213
Ion Ratio Lower Upper
84 100
49 112.0 106.5 159.7
51 0.0 32.1 48.1#
86 47.0 50.0 75.0#



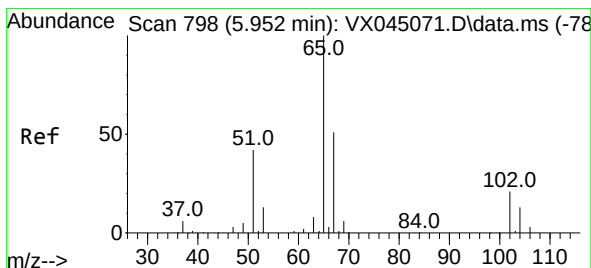
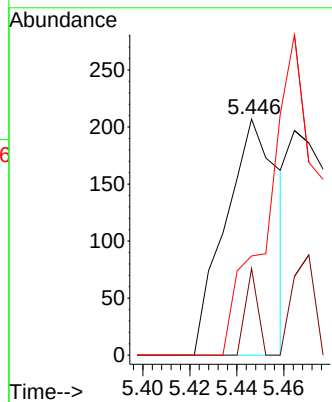
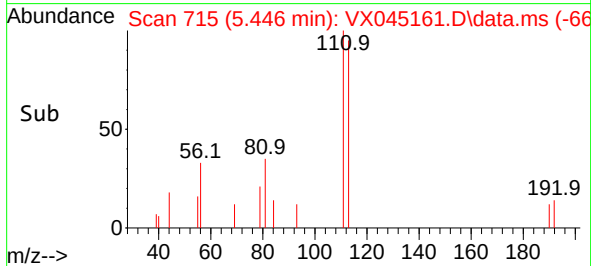


#31
Cyclohexane
Concen: 0.211 ug/l
RT: 5.446 min Scan# 715
Delta R.T. -0.018 min
Lab File: VX045161.D
Acq: 06 Mar 2025 12:23

Instrument :
MSVOA_X
ClientSampleId :
ENV-104-GW01DL

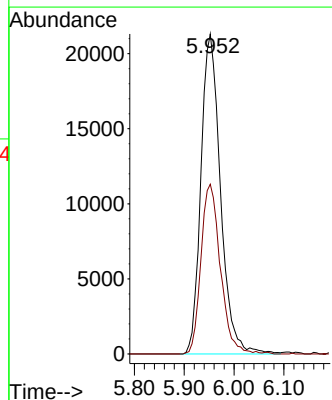
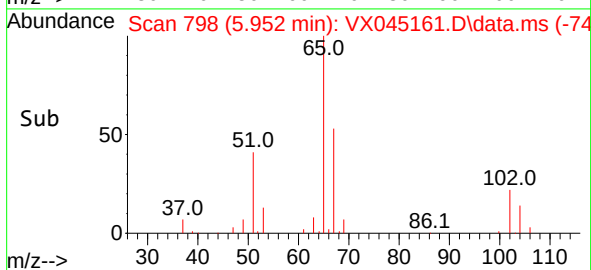
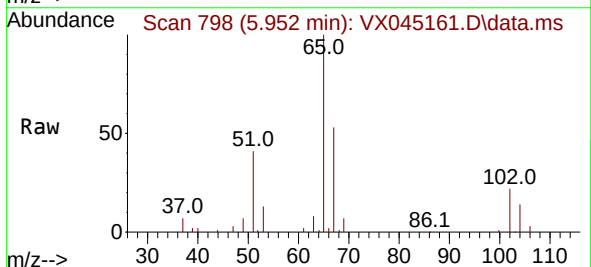


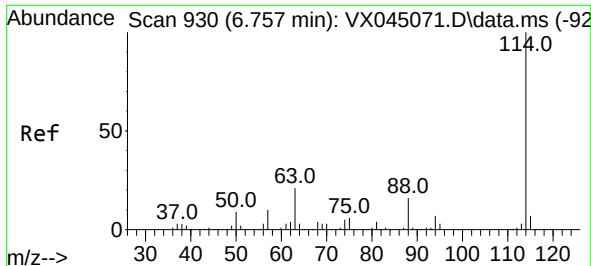
Tgt Ion: 56 Resp: 321
Ion Ratio Lower Upper
56 100
69 36.7 23.4 35.2#
84 42.0 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 52.046 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045161.D
Acq: 06 Mar 2025 12:23

Tgt Ion: 65 Resp: 58140
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.2

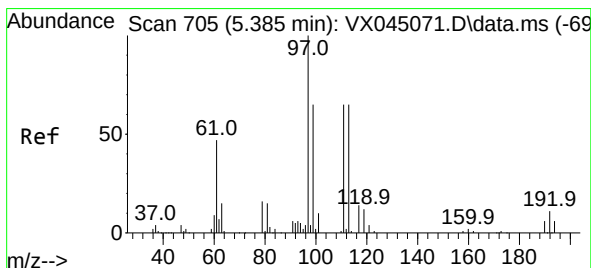
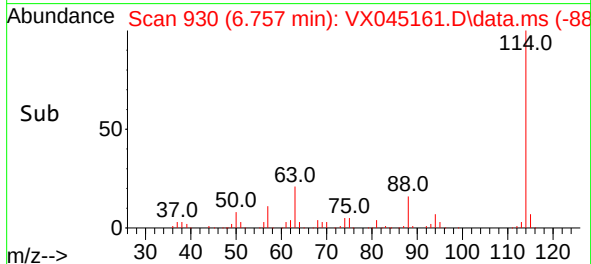
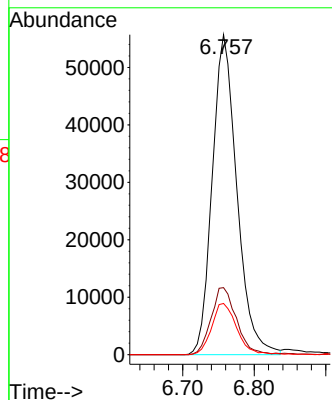
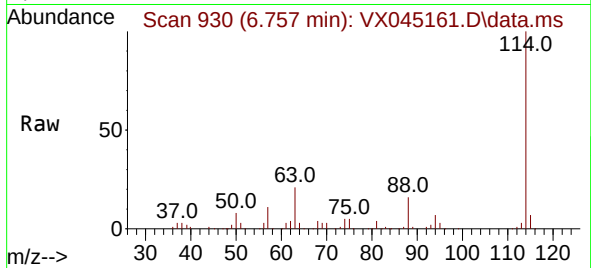




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX045161.D
 Acq: 06 Mar 2025 12:23

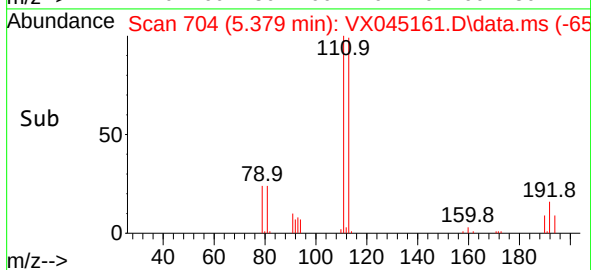
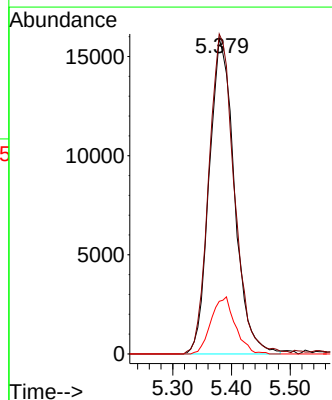
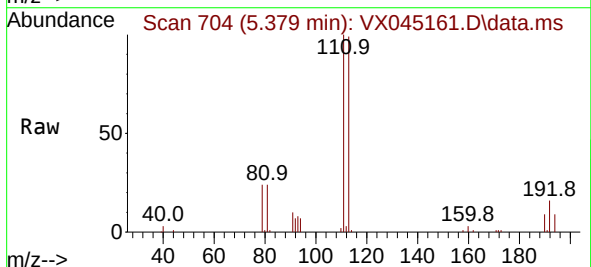
Instrument :
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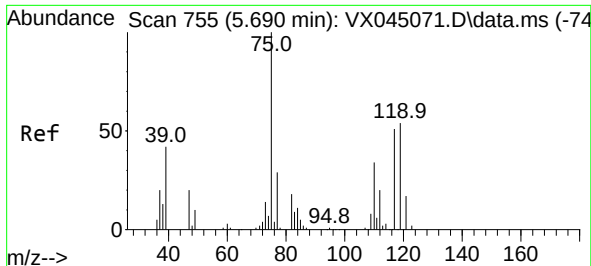
Tgt Ion:114 Resp: 133297
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.8
 88 16.0 0.0 32.8



#35
 Dibromofluoromethane
 Concen: 53.064 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: VX045161.D
 Acq: 06 Mar 2025 12:23

Tgt Ion:113 Resp: 47297
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.8 122.6
 192 17.3 14.3 21.5

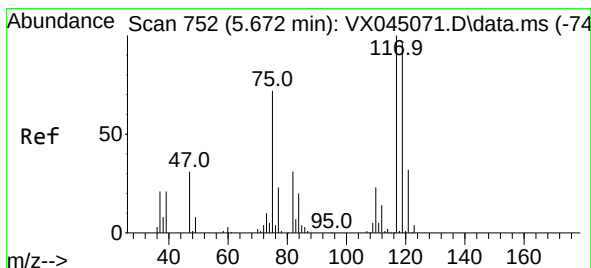
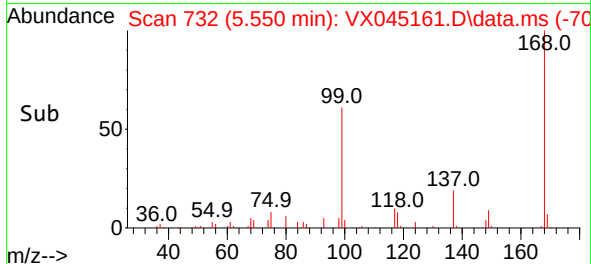
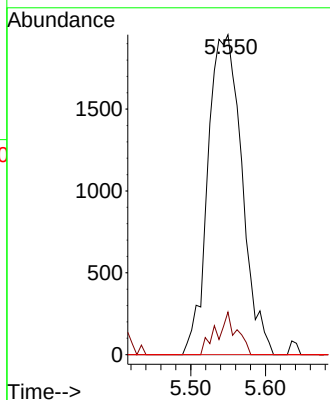
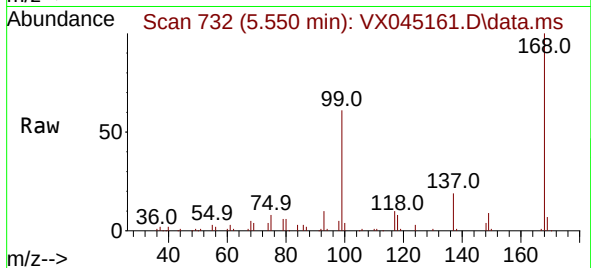




#36
1,1-Dichloropropene
Concen: 5.051 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX045161.D
Acq: 06 Mar 2025 12:23

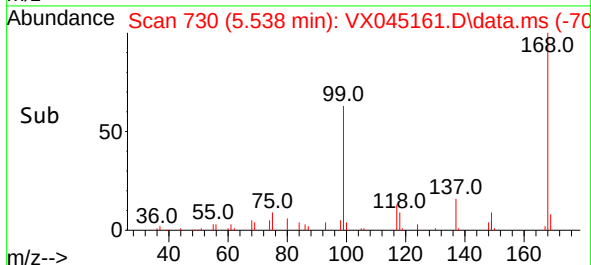
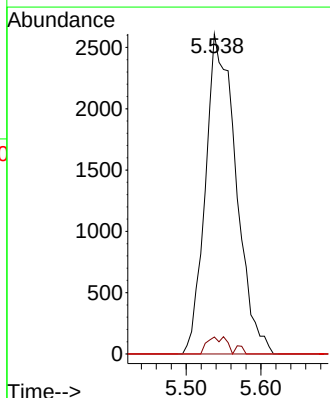
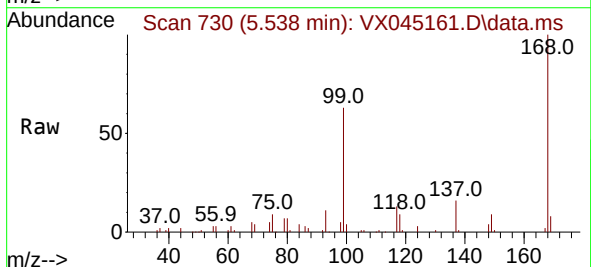
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MSVOA_X
ClientSampleId :
ENV-104-GW01DL

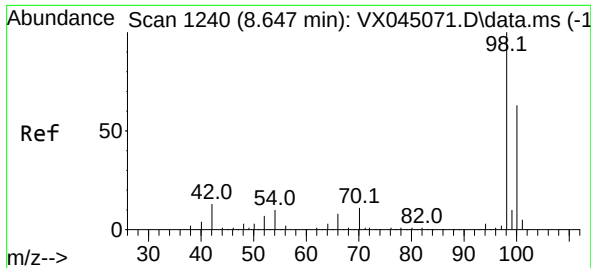
Tgt Ion: 75 Resp: 6174
Ion Ratio Lower Upper
75 100
110 7.9 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.981 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX045161.D
Acq: 06 Mar 2025 12:23

Tgt Ion: 117 Resp: 7422
Ion Ratio Lower Upper
117 100
119 5.3 76.7 115.1#
121 0.0 25.5 38.3#

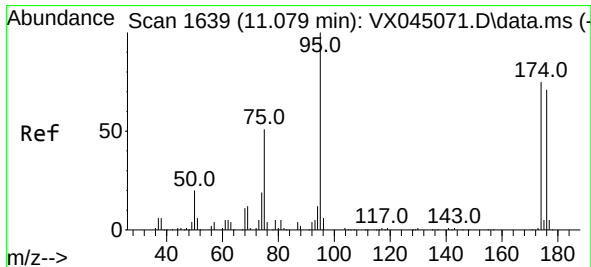
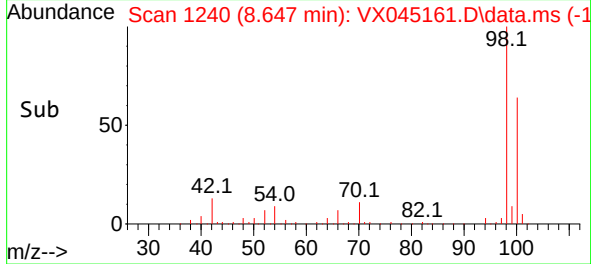
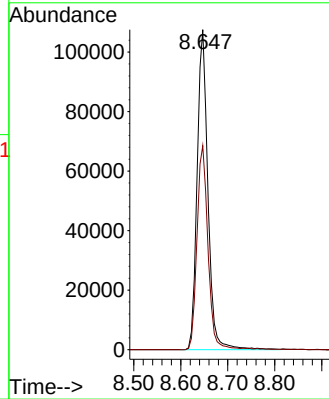
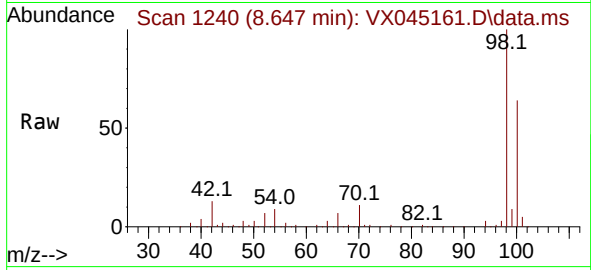




#50
Toluene-d8
Concen: 53.414 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045161.D
Acq: 06 Mar 2025 12:23

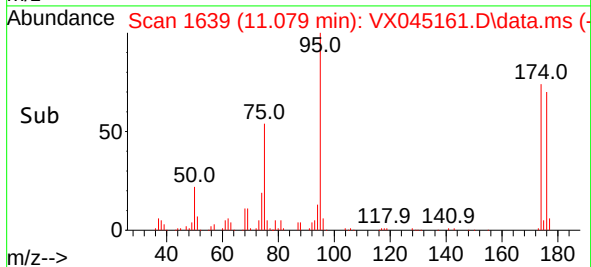
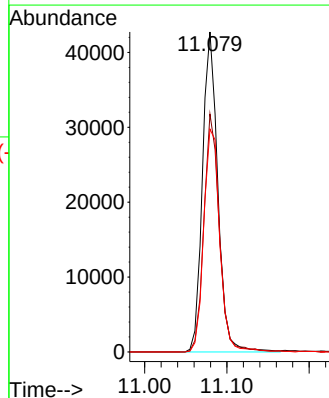
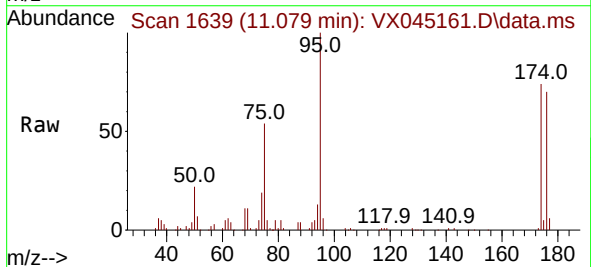
Instrument :
MSVOA_X
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ENV-104-GW01DL

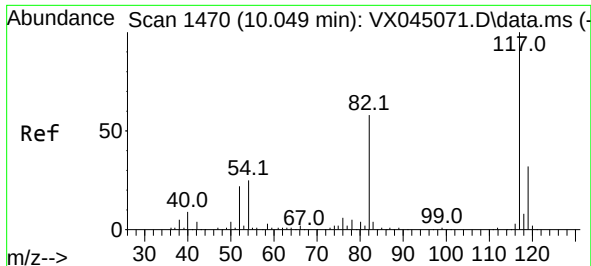
Tgt Ion: 98 Resp: 172598
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.815 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045161.D
Acq: 06 Mar 2025 12:23

Tgt Ion: 95 Resp: 55482
Ion Ratio Lower Upper
95 100
174 74.8 0.0 148.2
176 72.9 0.0 141.4

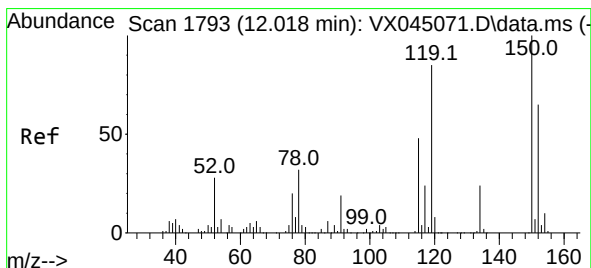
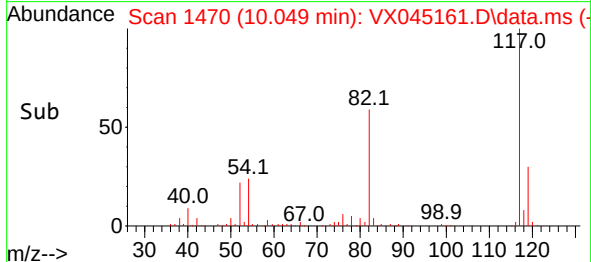
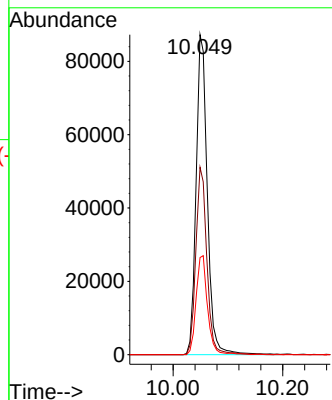
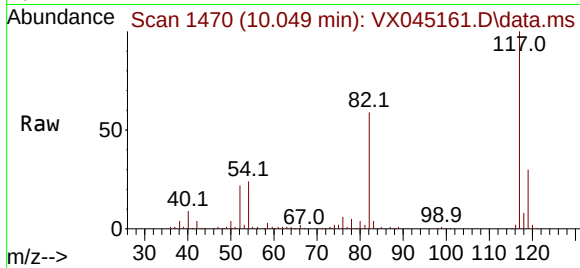




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045161.D
Acq: 06 Mar 2025 12:23

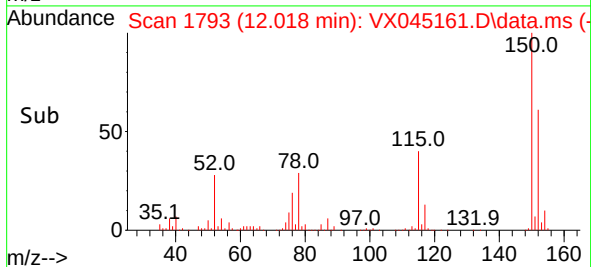
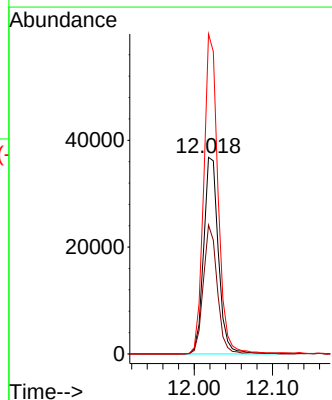
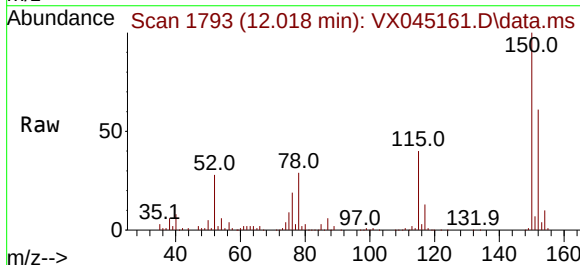
Instrument :
MSVOA_X
ClientSampleId :
ENV-104-GW01DL

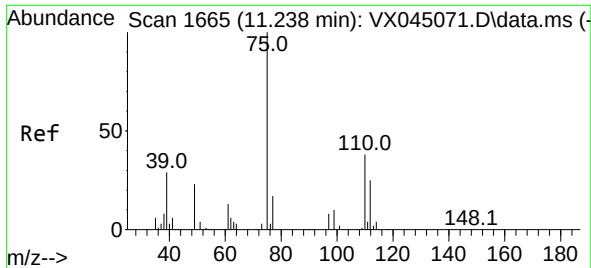
Tgt Ion:117 Resp: 124634
Ion Ratio Lower Upper
117 100
82 58.6 46.3 69.5
119 30.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045161.D
Acq: 06 Mar 2025 12:23

Tgt Ion:152 Resp: 48192
Ion Ratio Lower Upper
152 100
115 61.8 44.2 132.6
150 157.5 0.0 349.0

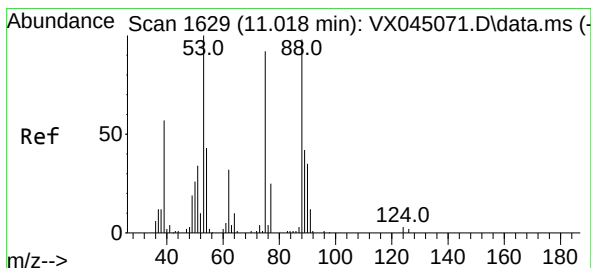
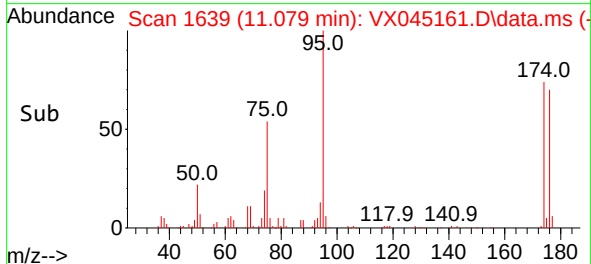
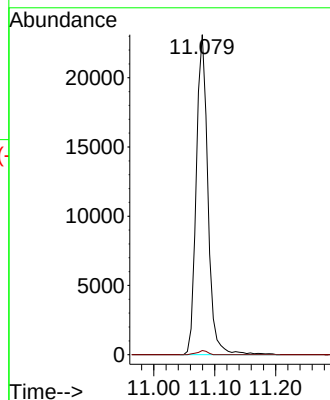
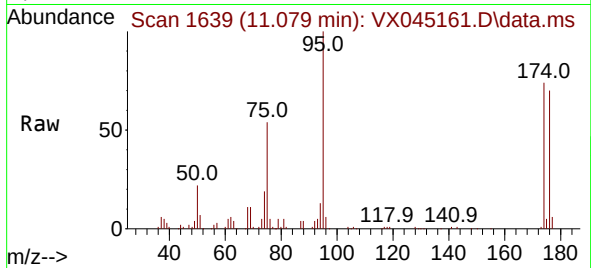




#76
1,2,3-Trichloropropane
Concen: 27.317 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045161.D
Acq: 06 Mar 2025 12:23

Instrument :
MSVOA_X
ClientSampleId :
ENV-104-GW01DL

Tgt Ion: 75 Resp: 30641
Ion Ratio Lower Upper
75 100
77 1.2 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.485 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045161.D
Acq: 06 Mar 2025 12:23

Tgt Ion: 75 Resp: 30641
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

