

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
 Data File : VX046003.D
 Acq On : 30 Apr 2025 17:13
 Operator : JC/MD
 Sample : Q1907-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CO-8R-WC

Quant Time: May 01 03:38:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

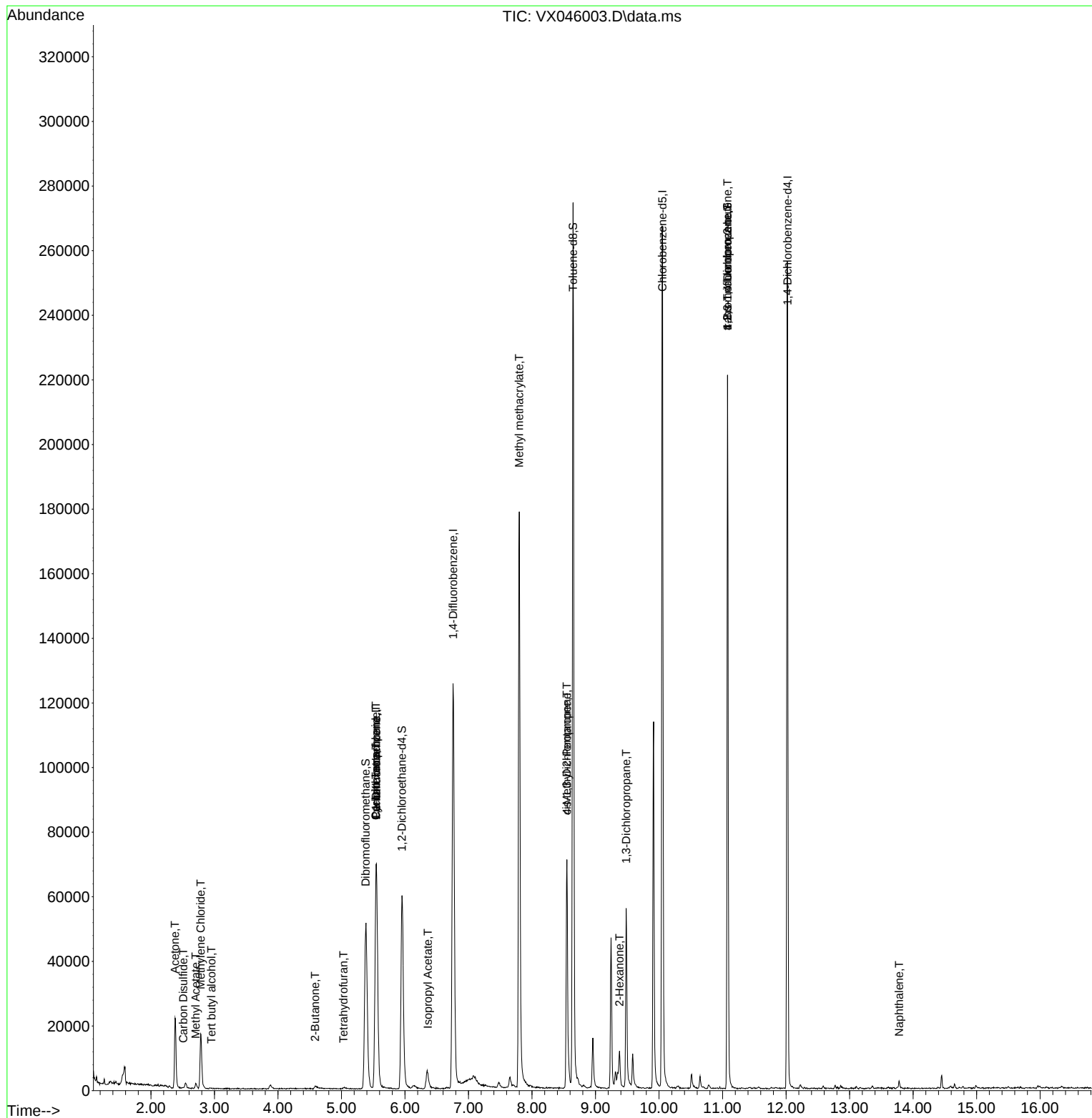
Internal Standards						
1) Pentafluorobenzene	5.550	168	61064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	120584	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61153	54.762	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.520%			
35) Dibromofluoromethane	5.379	113	44293	51.772	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.540%			
50) Toluene-d8	8.647	98	152309	51.005	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.000%			
62) 4-Bromofluorobenzene	11.079	95	56260	51.723	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.440%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.953	59	138	0.920	ug/l #	72
16) Acetone	2.380	43	23767	51.831	ug/l	99
17) Carbon Disulfide	2.508	76	366	0.202	ug/l #	76
18) Methyl Acetate	2.703	43	2312	2.190	ug/l #	90
20) Methylene Chloride	2.782	84	7826	9.116	ug/l	95
25) 2-Butanone	4.587	43	2533	3.774	ug/l #	86
29) Tetrahydrofuran	5.032	42	160	0.368	ug/l #	35
31) Cyclohexane	5.544	56	1827	1.334	ug/l #	7
36) 1,1-Dichloropropene	5.544	75	6124	5.301	ug/l #	49
38) Carbon Tetrachloride	5.544	117	7047	5.645	ug/l #	17
43) Isopropyl Acetate	6.361	43	8638	3.915	ug/l	97
48) Methyl methacrylate	7.799	41	18482	16.224	ug/l #	50
51) 4-Methyl-2-Pentanone	8.549	43	28240	19.308	ug/l #	52
54) cis-1,3-Dichloropropene	8.549	75	10894	8.591	ug/l #	65
57) 1,3-Dichloropropane	9.482	76	503	0.340	ug/l #	42
59) 2-Hexanone	9.378	43	9667	8.925	ug/l #	28
76) 1,2,3-Trichloropropane	11.079	75	32534	27.854	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32534	94.532	ug/l #	1
95) Naphthalene	13.780	128	2106	0.634	ug/l #	91

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

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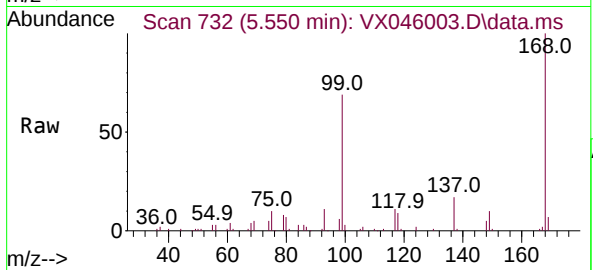
Quant Time: May 01 03:38:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



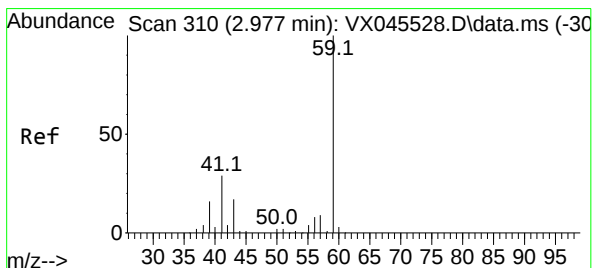
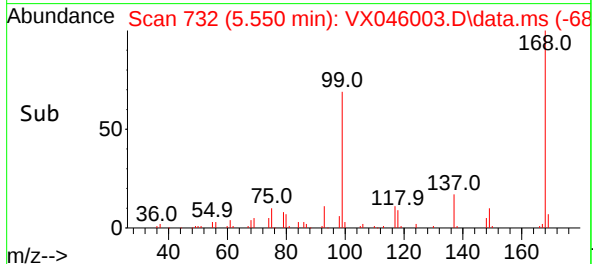
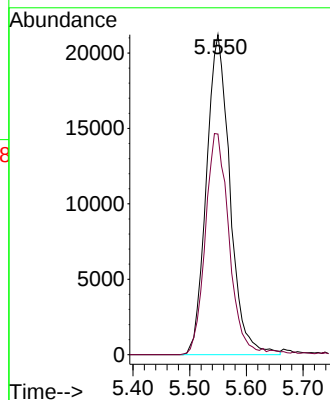


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

Instrument :
MSVOA_X
ClientSampleId :
CO-8R-WC

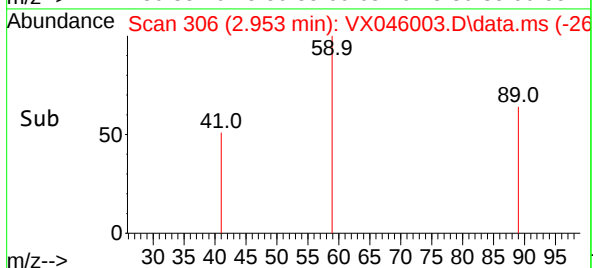
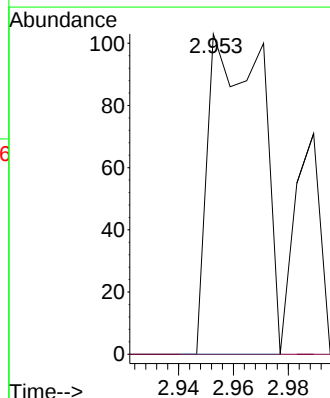
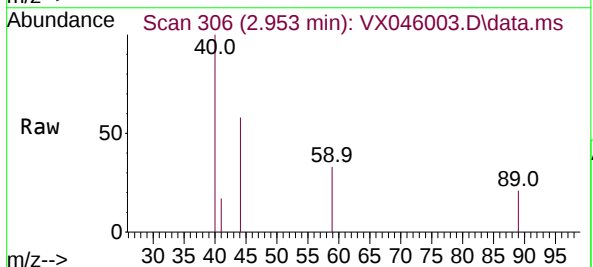


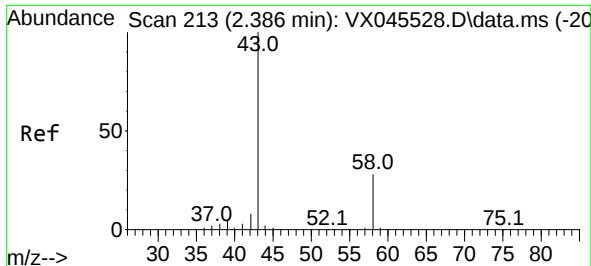
Tgt Ion:168 Resp: 61064
Ion Ratio Lower Upper
168 100
99 68.9 52.3 78.5



#11
Tert butyl alcohol
Concen: 0.920 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

Tgt Ion: 59 Resp: 138
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

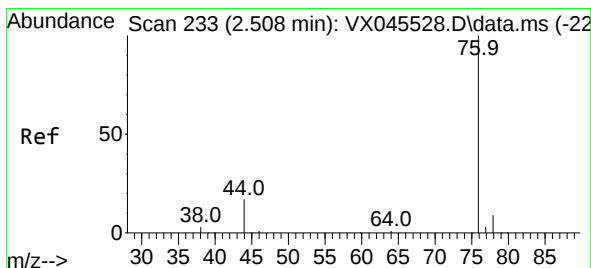
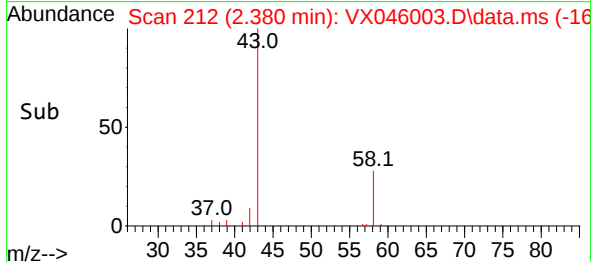
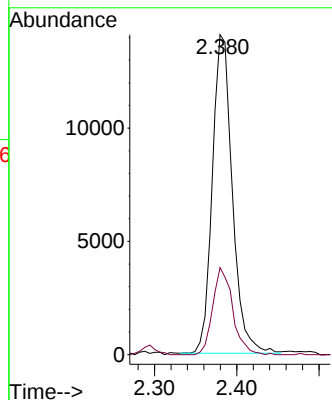
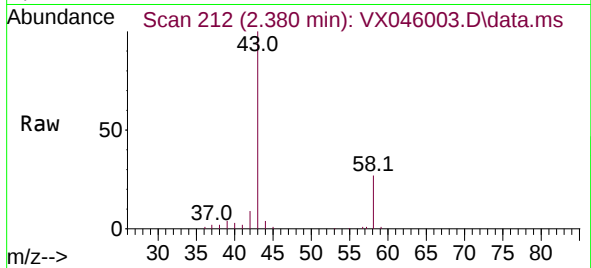




#16
Acetone
Concen: 51.831 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

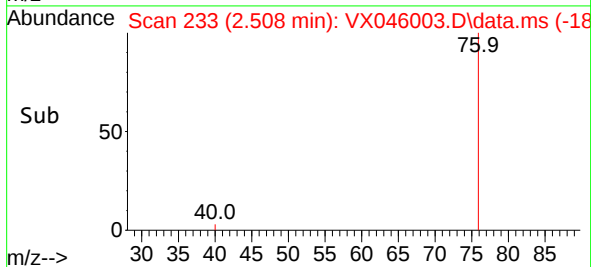
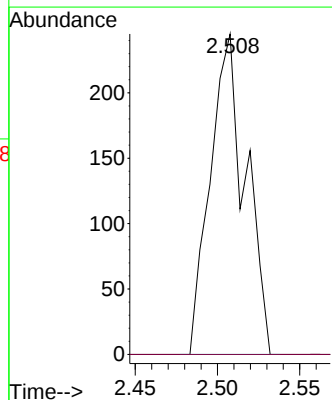
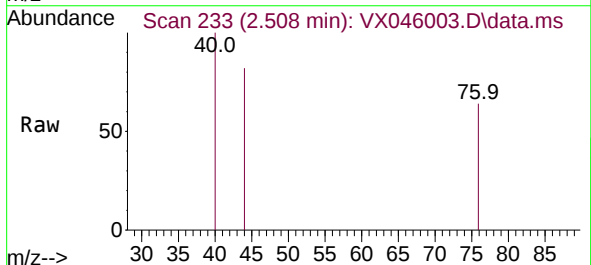
Instrument :
MSVOA_X
ClientSampleId :
CO-8R-WC

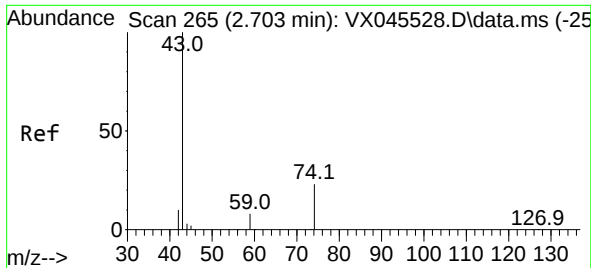
Tgt Ion: 43 Resp: 23767
Ion Ratio Lower Upper
43 100
58 27.3 22.3 33.5



#17
Carbon Disulfide
Concen: 0.202 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

Tgt Ion: 76 Resp: 366
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

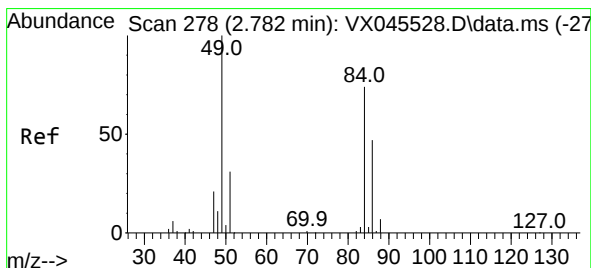
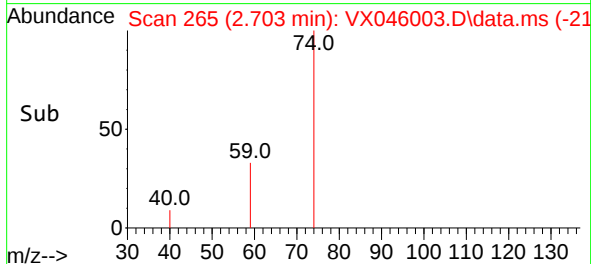
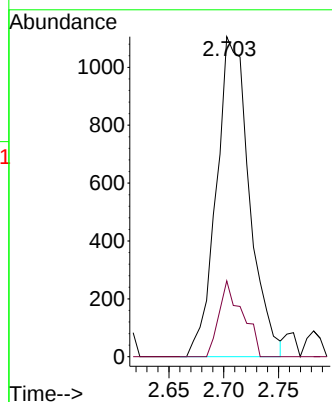
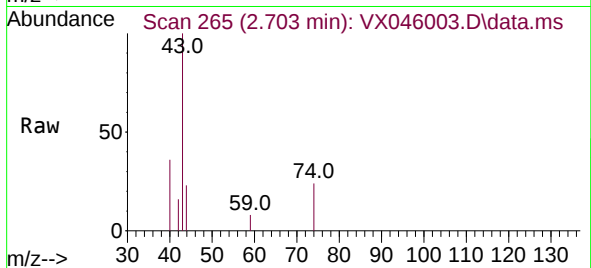




#18
Methyl Acetate
Concen: 2.190 ug/l
RT: 2.703 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

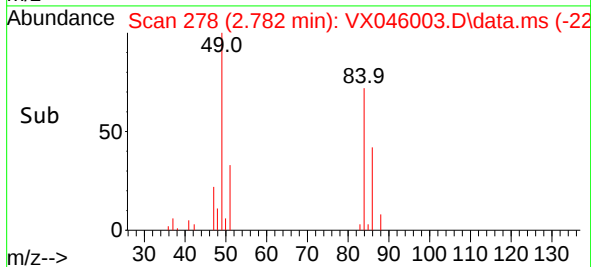
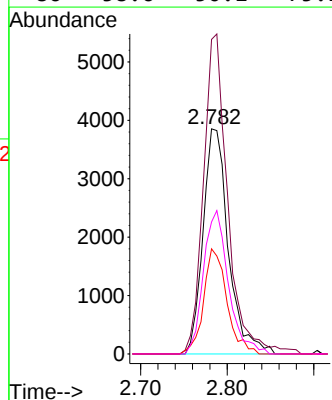
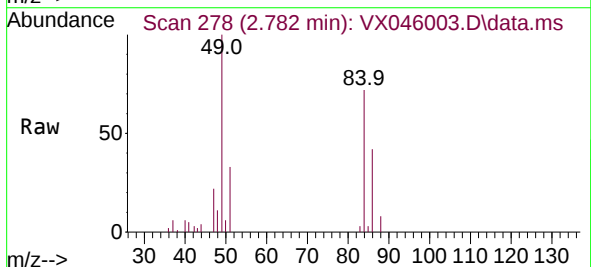
Instrument :
MSVOA_X
ClientSampleId :
CO-8R-WC

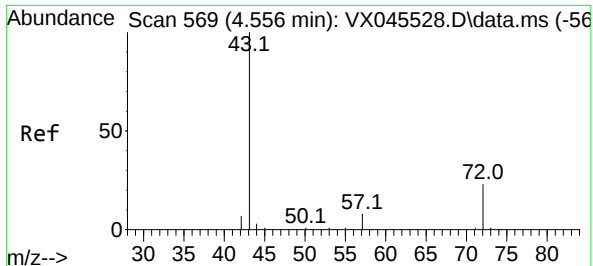
Tgt Ion: 43 Resp: 2312
Ion Ratio Lower Upper
43 100
74 16.9 17.5 26.3#



#20
Methylene Chloride
Concen: 9.116 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

Tgt Ion: 84 Resp: 7826
Ion Ratio Lower Upper
84 100
49 139.7 107.5 161.3
51 46.7 33.0 49.6
86 58.6 50.1 75.1





#25

2-Butanone

Concen: 3.774 ug/l

RT: 4.587 min Scan# 51

Delta R.T. 0.030 min

Lab File: VX046003.D

Acq: 30 Apr 2025 17:13

Instrument :

MSVOA_X

ClientSampleId :

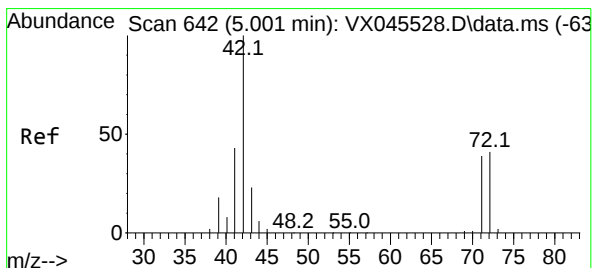
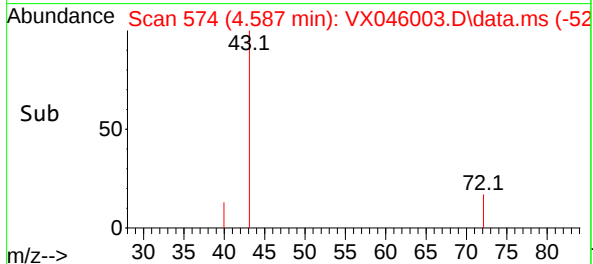
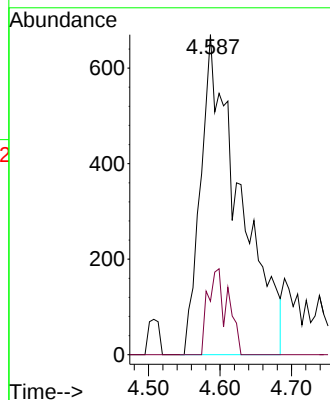
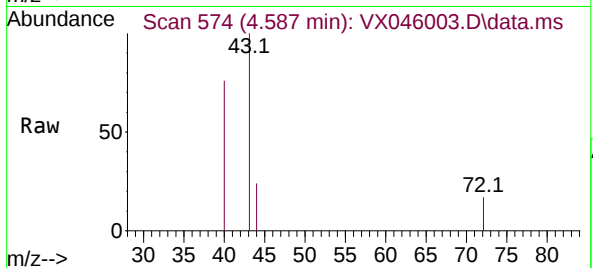
CO-8R-WC

Tgt Ion: 43 Resp: 2533

Ion Ratio Lower Upper

43 100

72 16.7 18.6 28.0#



#29

Tetrahydrofuran

Concen: 0.368 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.030 min

Lab File: VX046003.D

Acq: 30 Apr 2025 17:13

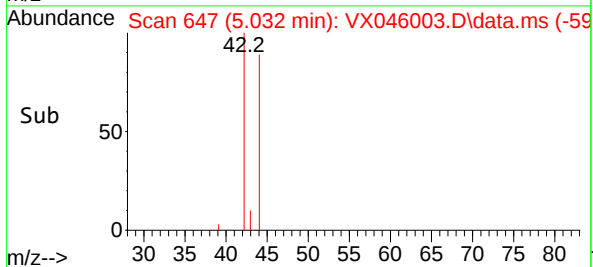
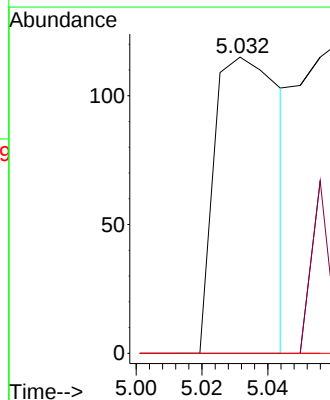
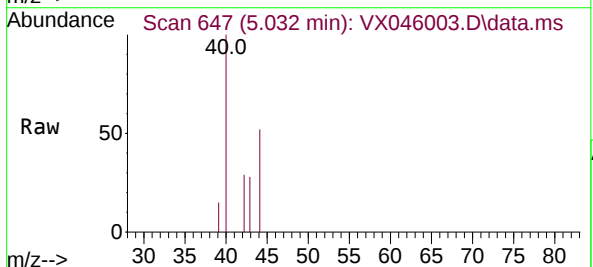
Tgt Ion: 42 Resp: 160

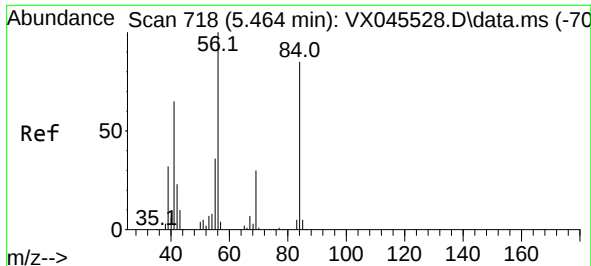
Ion Ratio Lower Upper

42 100

72 0.0 33.4 50.0#

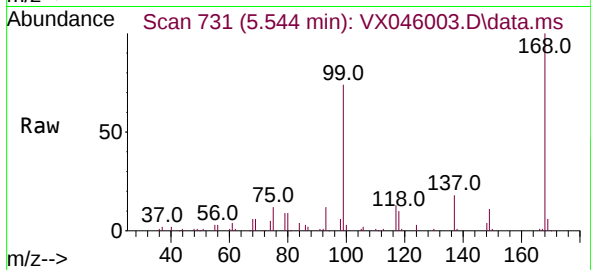
71 0.0 31.4 47.0#



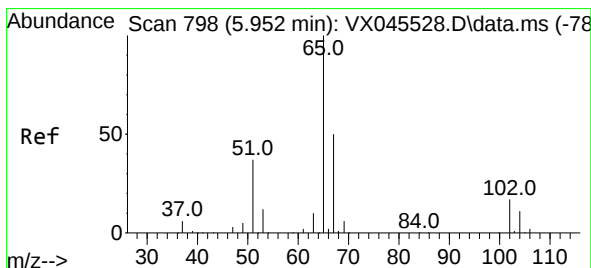
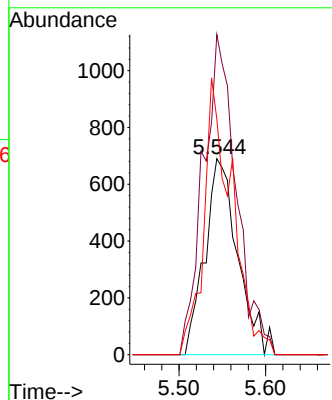
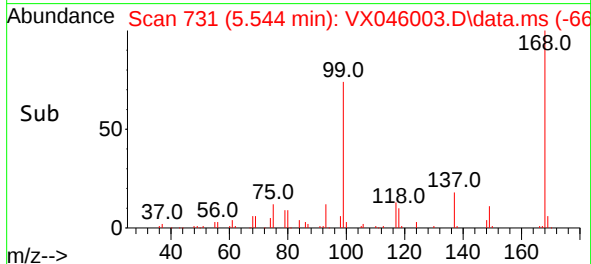


#31
Cyclohexane
Concen: 1.334 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

Instrument :
MSVOA_X
ClientSampleId :
CO-8R-WC

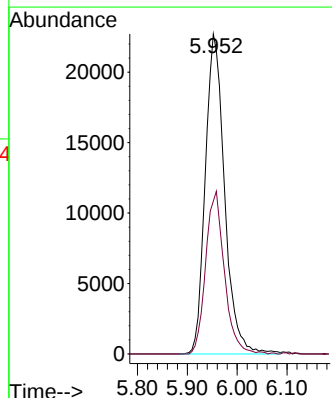
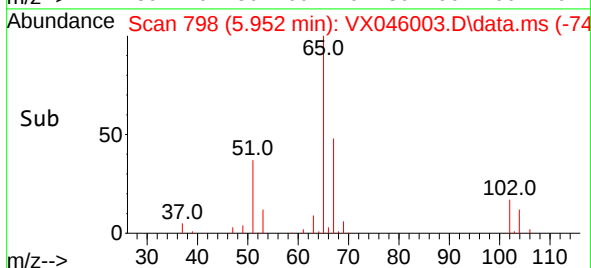
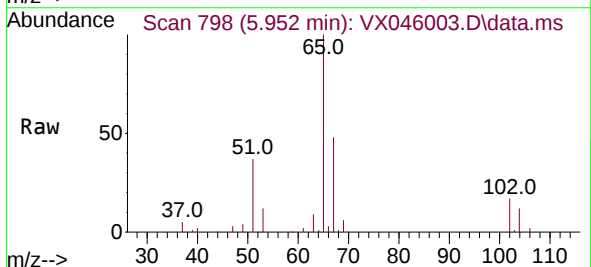


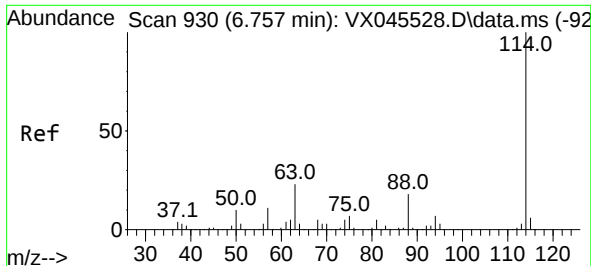
Tgt Ion: 56 Resp: 1827
Ion Ratio Lower Upper
56 100
69 163.3 23.6 35.4#
84 120.3 67.7 101.5#



#33
1,2-Dichloroethane-d4
Concen: 54.762 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

Tgt Ion: 65 Resp: 61153
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.0

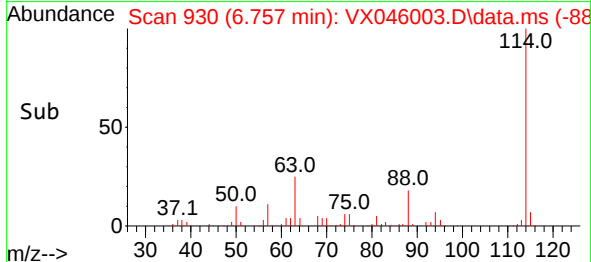
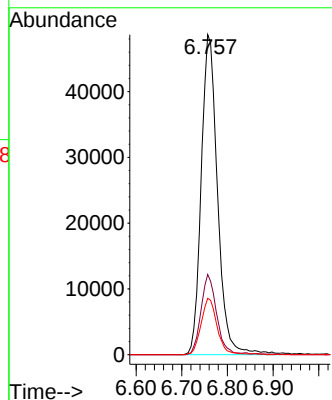
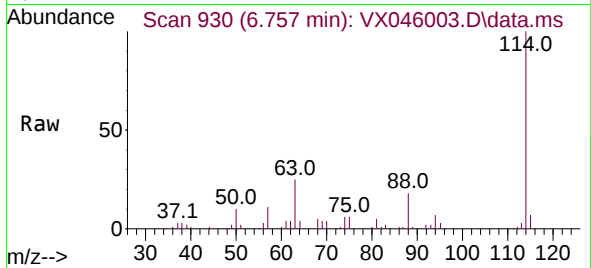




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

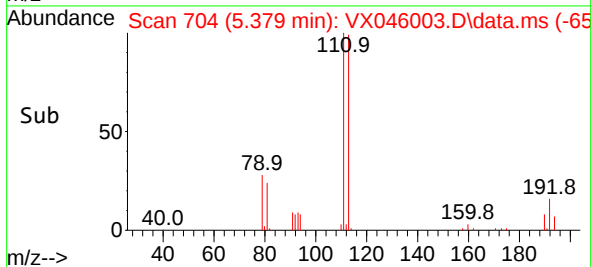
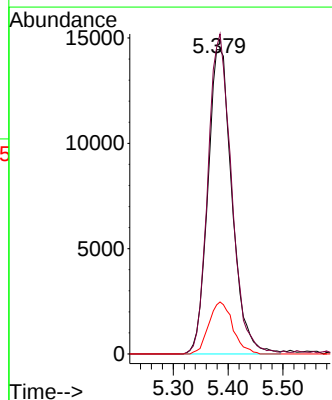
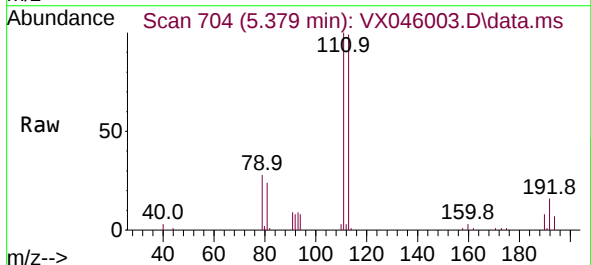
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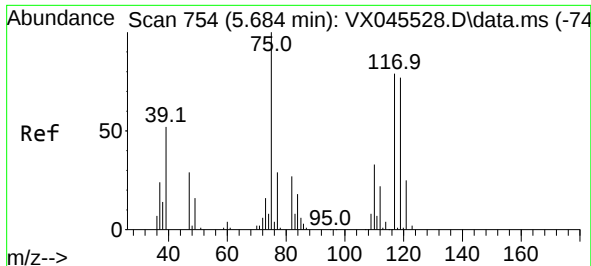
Tgt Ion:114 Resp: 120584
Ion Ratio Lower Upper
114 100
63 25.0 0.0 46.8
88 17.6 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.772 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

Tgt Ion:113 Resp: 44293
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.6
192 16.9 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.301 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX046003.D

Acq: 30 Apr 2025 17:13

Instrument :

MSVOA_X

ClientSampleId :

CO-8R-WC

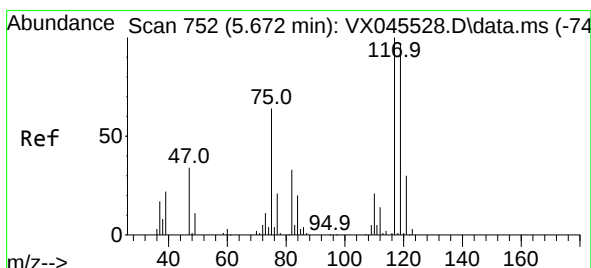
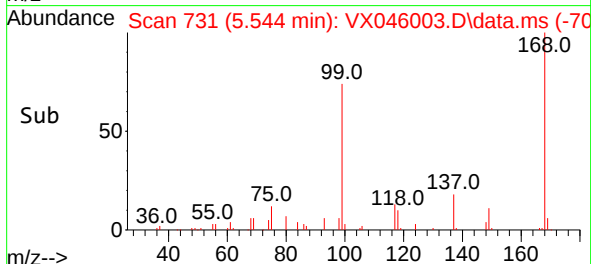
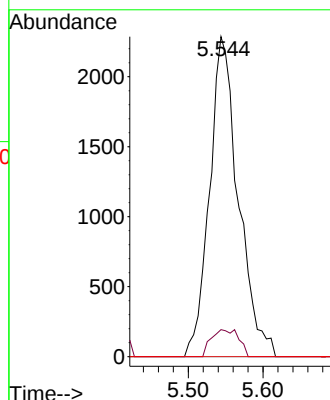
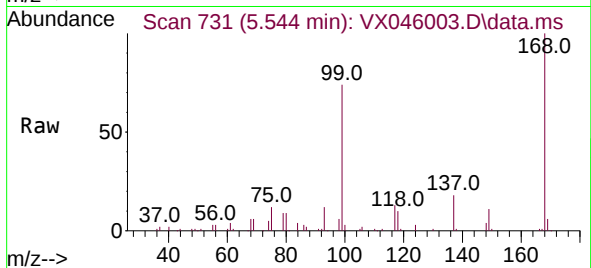
Tgt Ion: 75 Resp: 6124

Ion Ratio Lower Upper

75 100

110 8.1 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.645 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX046003.D

Acq: 30 Apr 2025 17:13

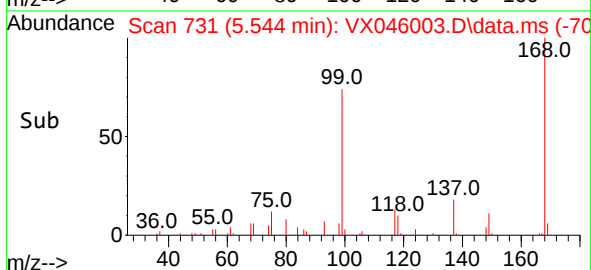
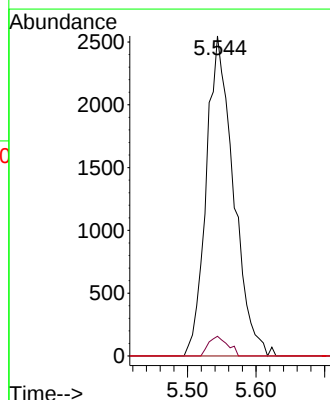
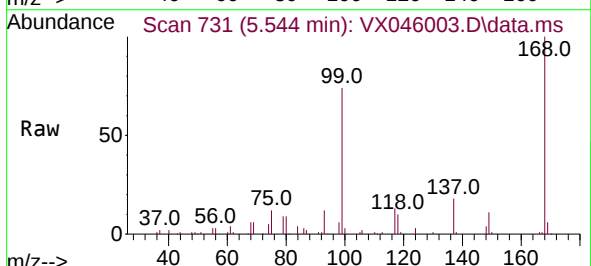
Tgt Ion: 117 Resp: 7047

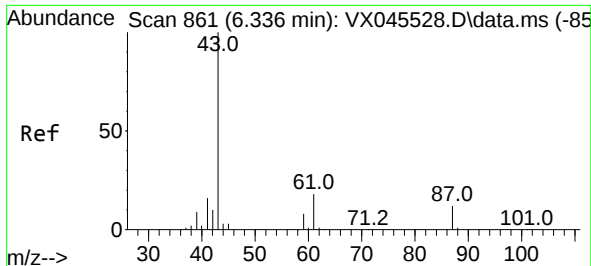
Ion Ratio Lower Upper

117 100

119 6.2 76.9 115.3#

121 0.0 24.2 36.2#

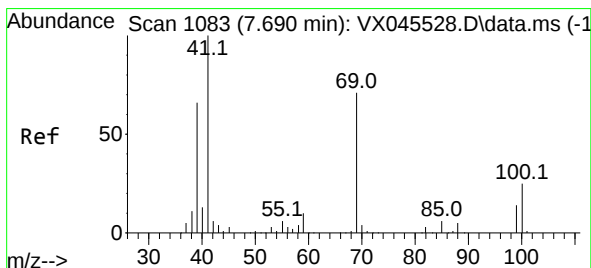
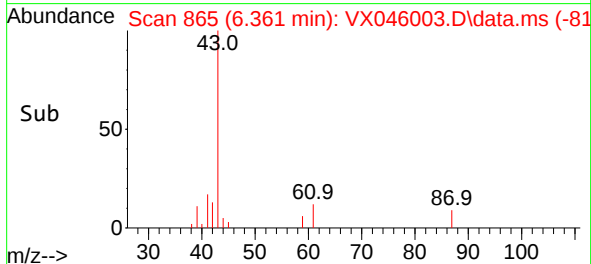
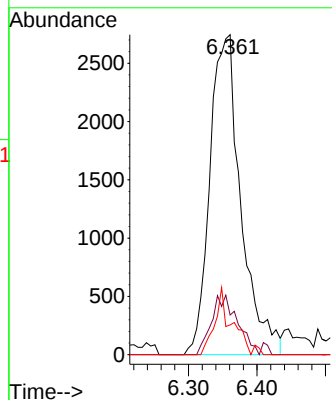
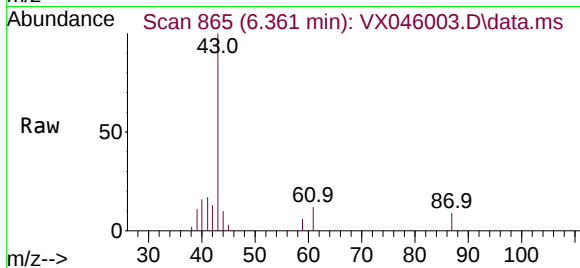




#43
Isopropyl Acetate
Concen: 3.915 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.024 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

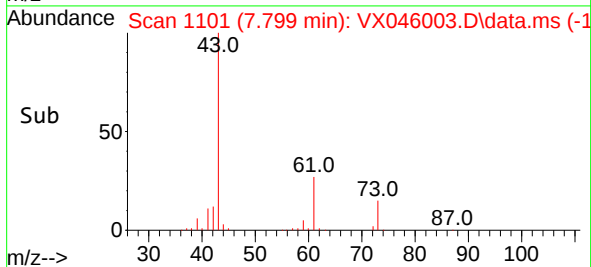
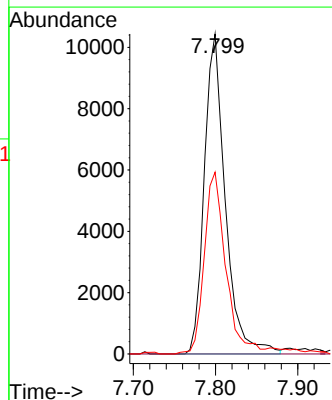
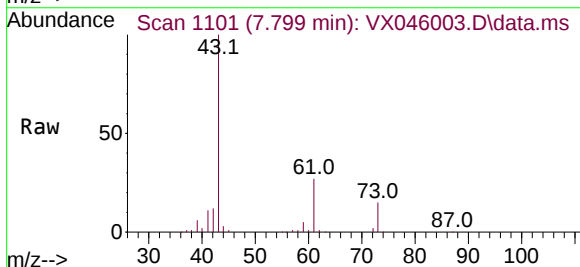
Instrument :
MSVOA_X
ClientSampleId :
CO-8R-WC

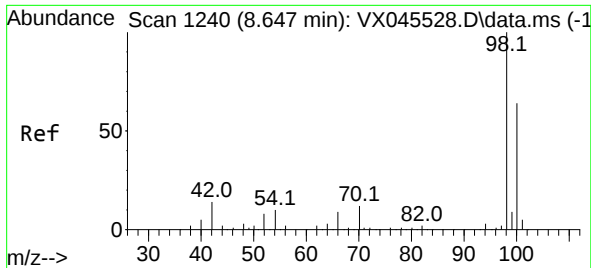
Tgt Ion: 43 Resp: 8638
Ion Ratio Lower Upper
43 100
61 15.7 14.1 21.1
87 11.3 9.2 13.8



#48
Methyl methacrylate
Concen: 16.224 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

Tgt Ion: 41 Resp: 18482
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 58.2 53.6 80.4

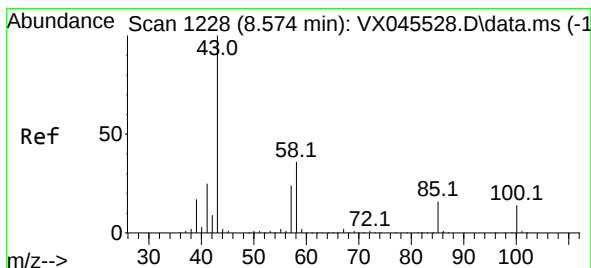
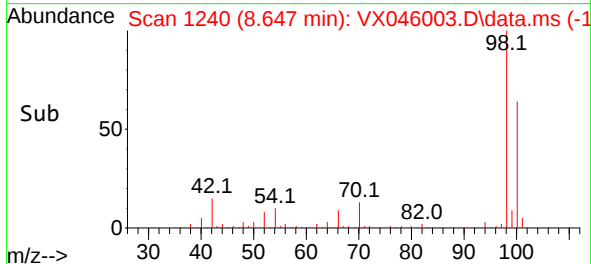
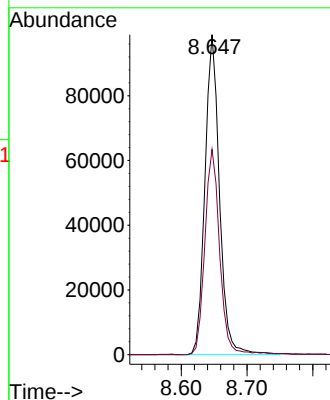
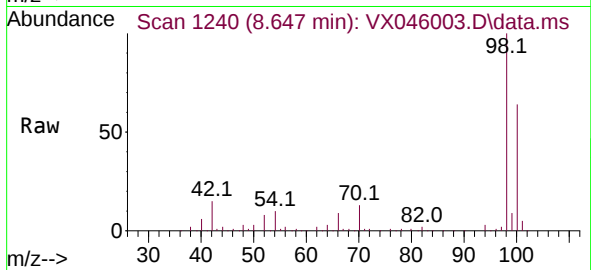




#50
Toluene-d8
Concen: 51.005 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

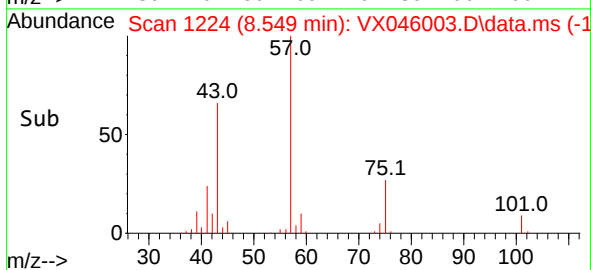
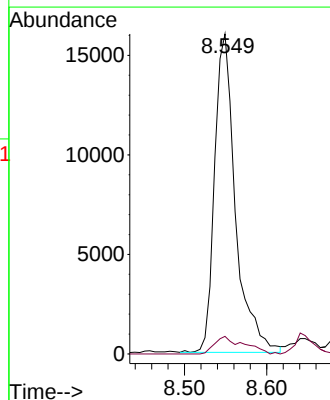
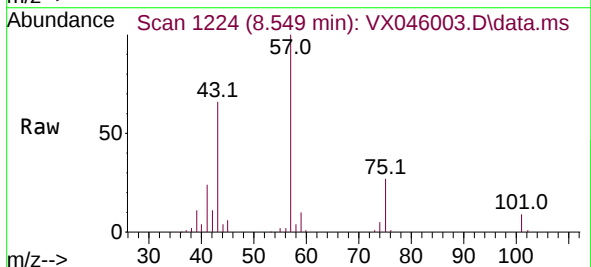
Instrument :
MSVOA_X
ClientSampleId :
CO-8R-WC

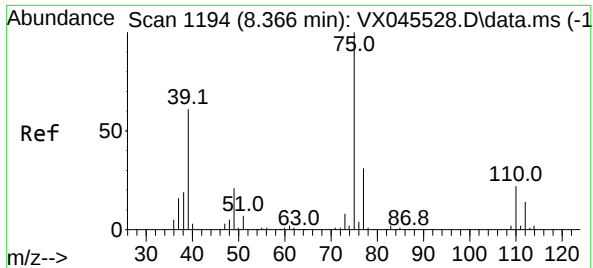
Tgt Ion: 98 Resp: 152309
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 19.308 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

Tgt Ion: 43 Resp: 28240
Ion Ratio Lower Upper
43 100
58 7.8 28.5 42.7#

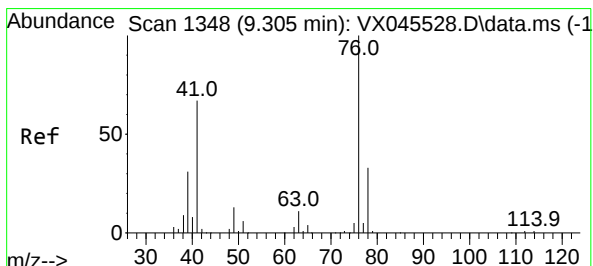
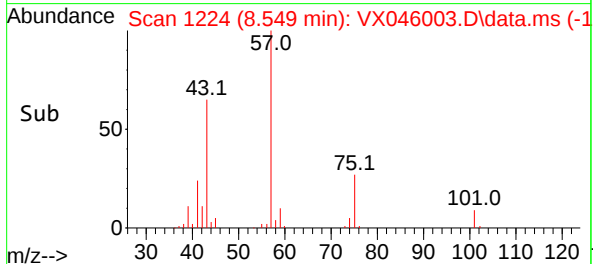
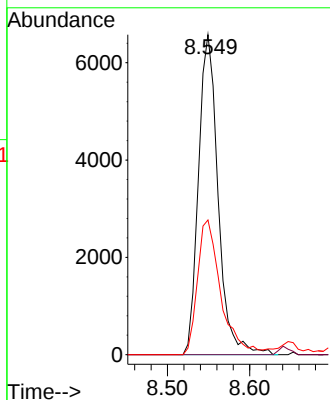
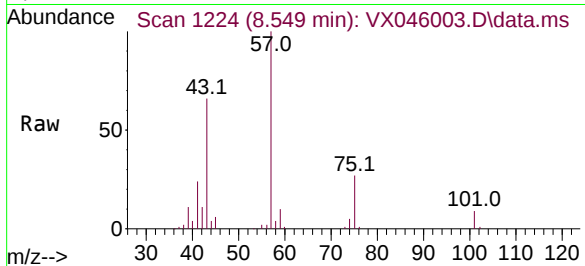




#54
 cis-1,3-Dichloropropene
 Concen: 8.591 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX046003.D
 Acq: 30 Apr 2025 17:13

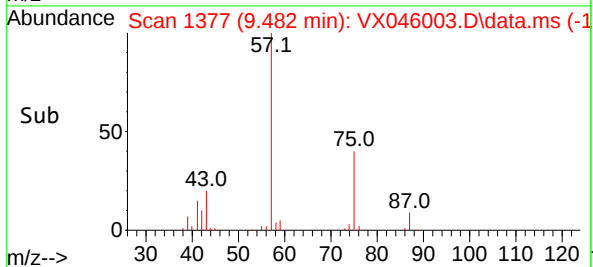
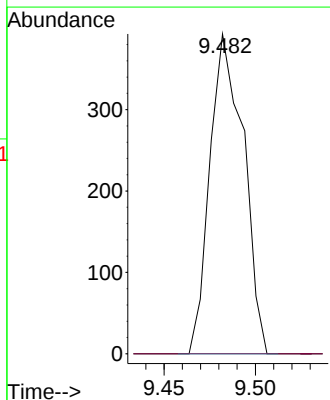
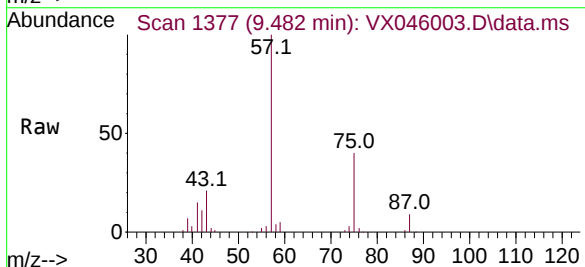
Instrument :
 MSVOA_X
 ClientSampleId :
 CO-8R-WC

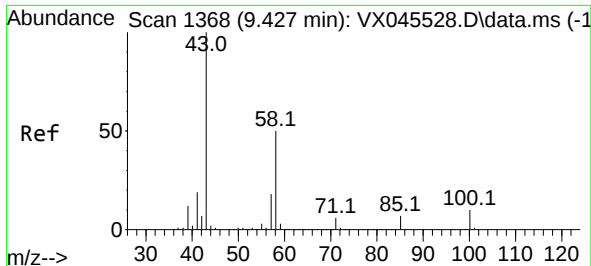
Tgt Ion: 75 Resp: 10894
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.6 36.8#
 39 42.1 48.4 72.6#



#57
 1,3-Dichloropropane
 Concen: 0.340 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX046003.D
 Acq: 30 Apr 2025 17:13

Tgt Ion: 76 Resp: 503
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#





#59

2-Hexanone

Concen: 8.925 ug/l

RT: 9.378 min Scan# 11

Delta R.T. -0.049 min

Lab File: VX046003.D

Acq: 30 Apr 2025 17:13

Instrument :

MSVOA_X

ClientSampleId :

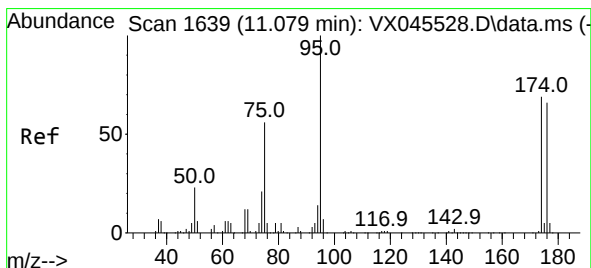
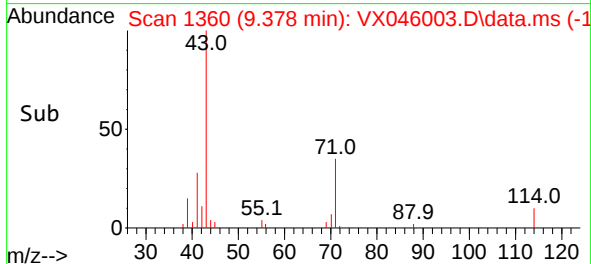
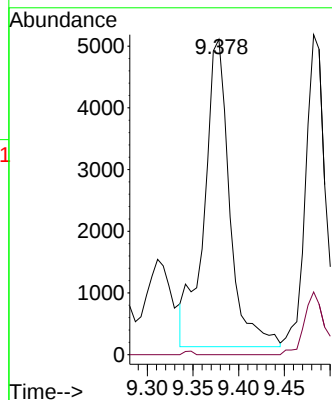
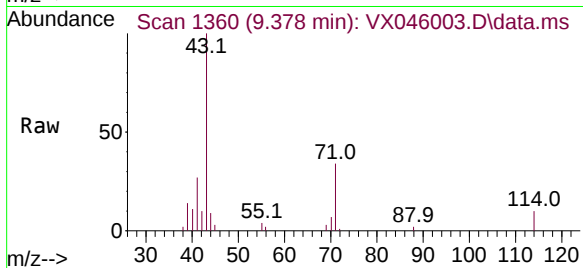
CO-8R-WC

Tgt Ion: 43 Resp: 9667

Ion Ratio Lower Upper

43 100

58 0.0 24.9 74.6#



#62

4-Bromofluorobenzene

Concen: 51.723 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX046003.D

Acq: 30 Apr 2025 17:13

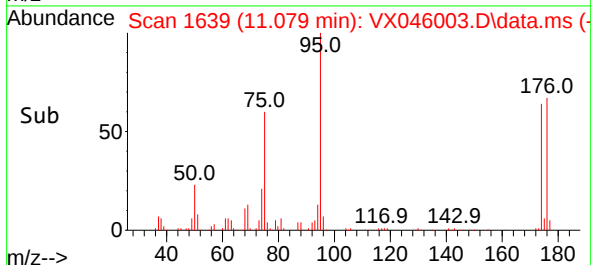
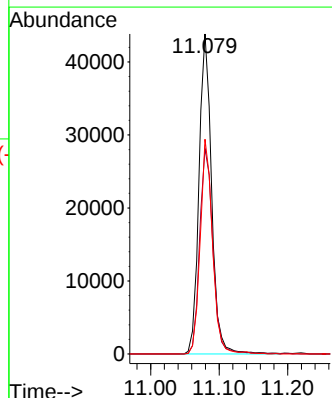
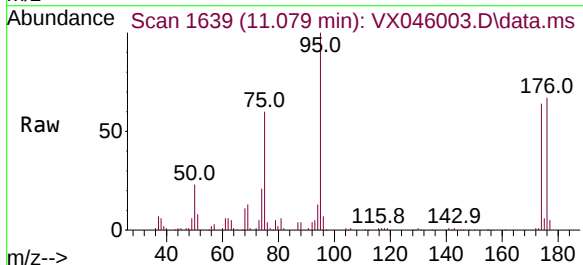
Tgt Ion: 95 Resp: 56260

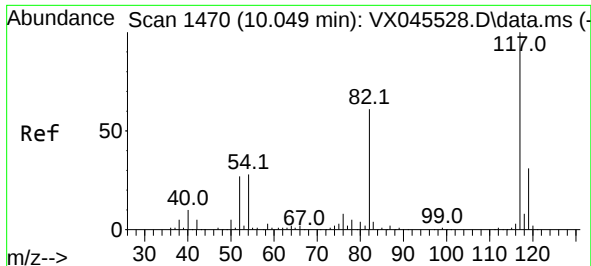
Ion Ratio Lower Upper

95 100

174 67.3 0.0 135.8

176 65.6 0.0 131.4

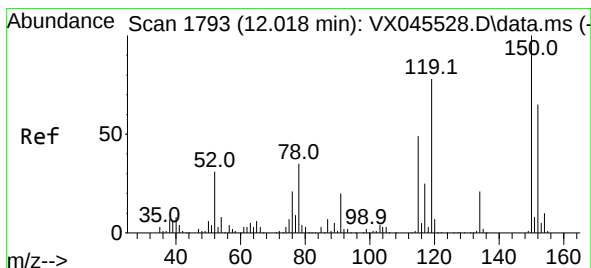
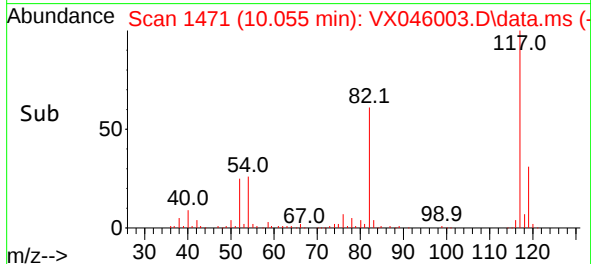
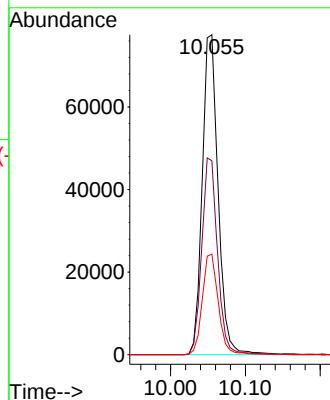
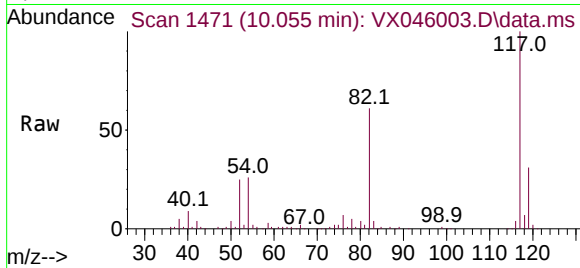




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

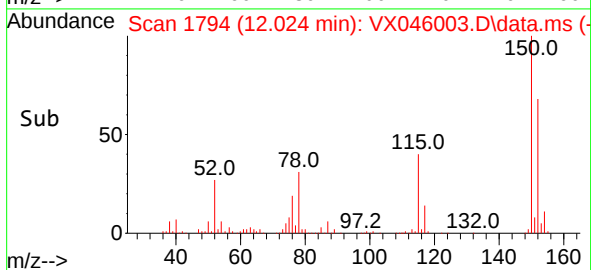
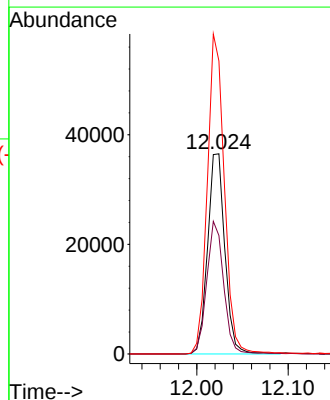
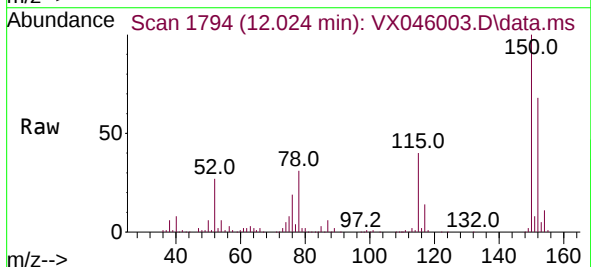
Instrument :
MSVOA_X
ClientSampleId :
CO-8R-WC

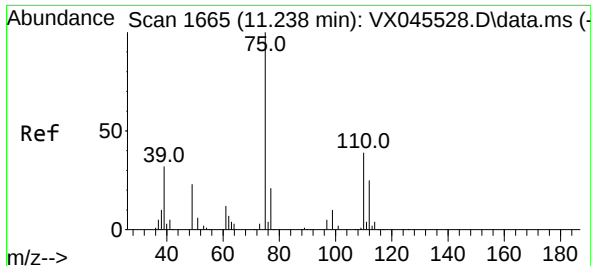
Tgt Ion:117 Resp: 114173
Ion Ratio Lower Upper
117 100
82 60.6 49.2 73.8
119 31.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

Tgt Ion:152 Resp: 47885
Ion Ratio Lower Upper
152 100
115 65.0 46.9 140.7
150 157.1 0.0 349.4

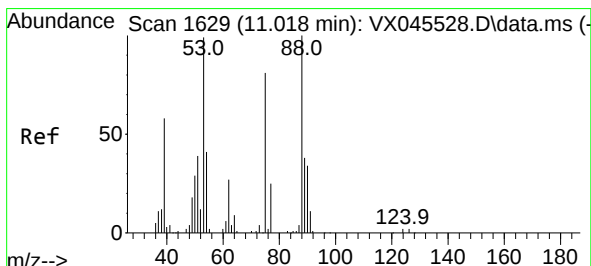
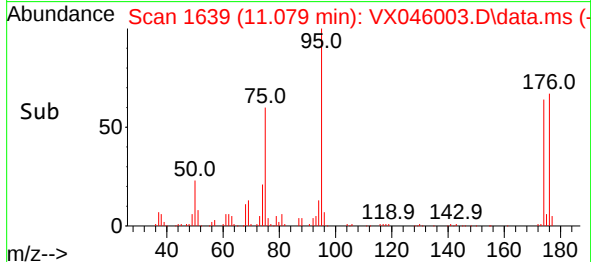
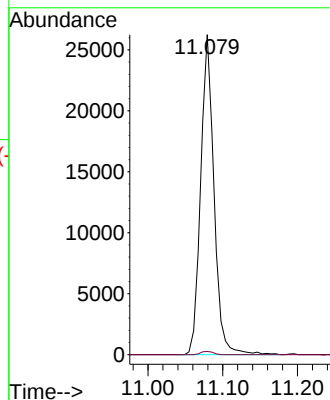
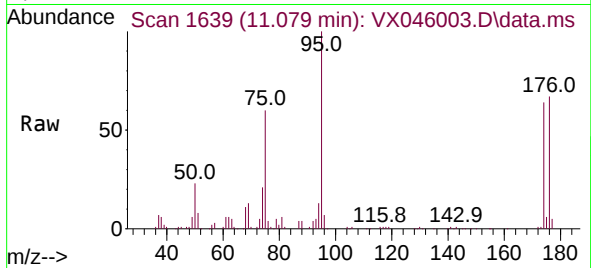




#76
1,2,3-Trichloropropane
Concen: 27.854 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

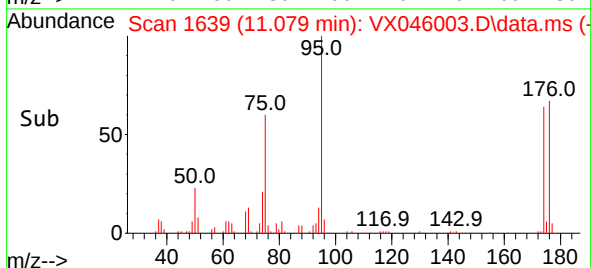
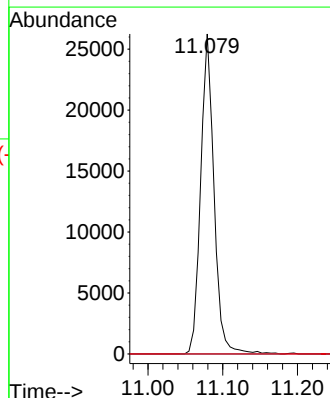
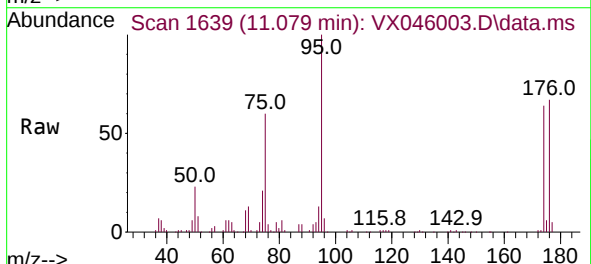
Instrument :
MSVOA_X
ClientSampleId :
CO-8R-WC

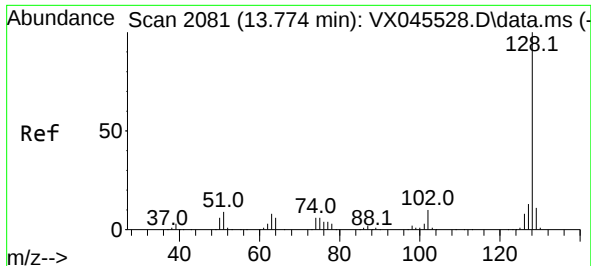
Tgt Ion: 75 Resp: 32534
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.532 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

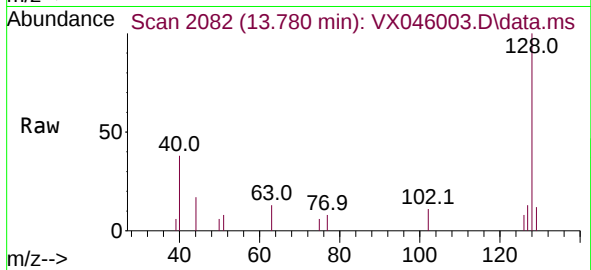
Tgt Ion: 75 Resp: 32534
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 0.634 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX046003.D
Acq: 30 Apr 2025 17:13

Instrument :
MSVOA_X
ClientSampleId :
CO-8R-WC



Tgt Ion:	128	Resp:	2106
Ion	Ratio	Lower	Upper
128	100		
127	9.3	10.3	15.5#
129	6.9	8.6	12.8#

