

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041425\
 Data File : VX045780.D
 Acq On : 14 Apr 2025 19:50
 Operator : JC/MD
 Sample : Q1798-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTE(COMP)-1799

Quant Time: Apr 15 01:31:45 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)

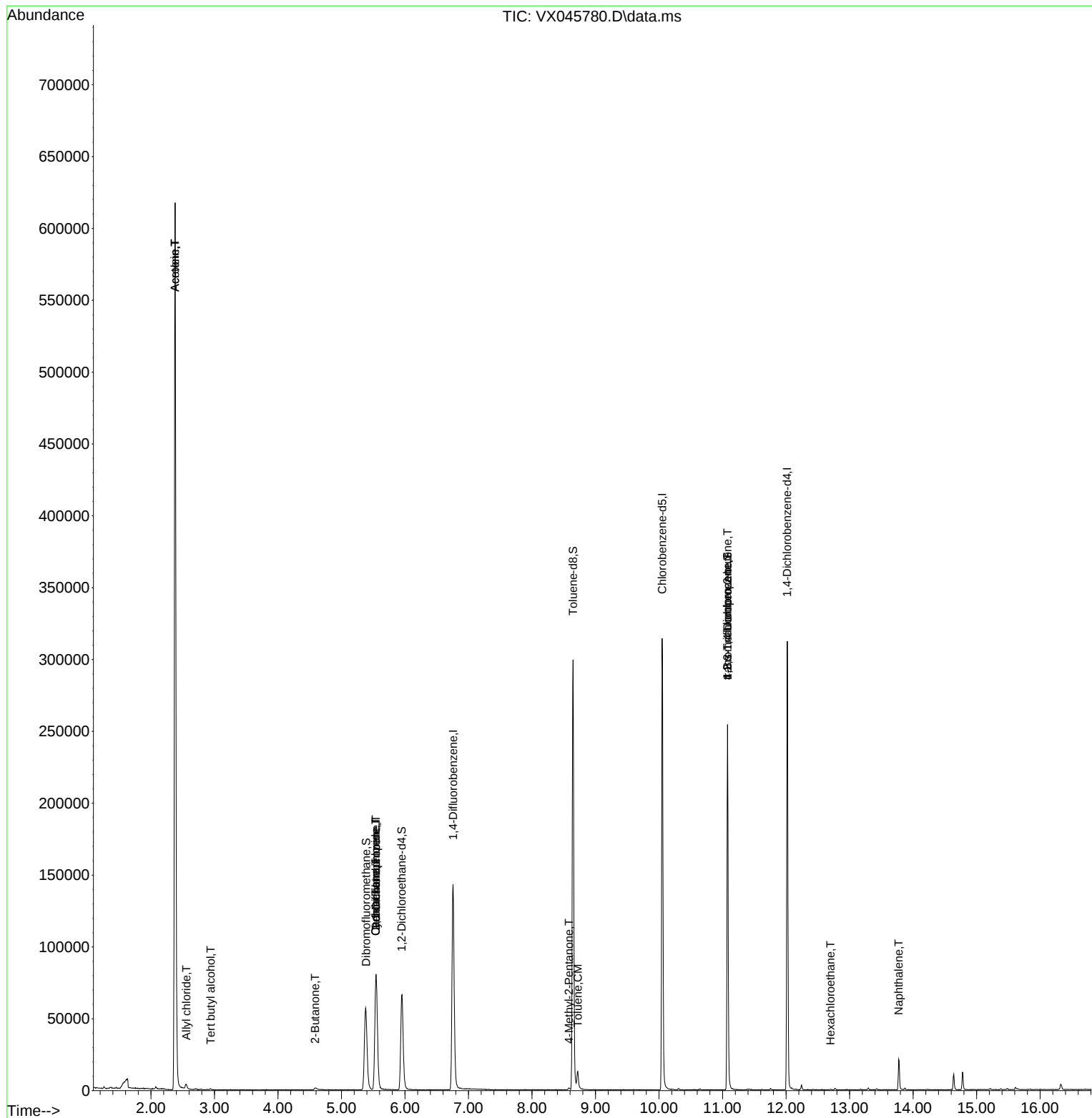
Internal Standards						
1) Pentafluorobenzene	5.544	168	69186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136782	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	69924	55.266	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.540%			
35) Dibromofluoromethane	5.385	113	49847	51.364	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.720%			
50) Toluene-d8	8.647	98	175258	51.739	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.480%			
62) 4-Bromofluorobenzene	11.079	95	65929	53.434	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.860%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.940	59	178	1.047	ug/l #	72
13) Acrolein	2.380	56	131	0.559	ug/l #	1
14) Allyl chloride	2.556	41	523	0.332	ug/l #	21
16) Acetone	2.380	43	652976	1256.836	ug/l	98
25) 2-Butanone	4.586	43	3122	4.105	ug/l	93
31) Cyclohexane	5.537	56	2017	1.300	ug/l #	22
36) 1,1-Dichloropropene	5.544	75	7166	5.469	ug/l #	48
38) Carbon Tetrachloride	5.537	117	8083	5.708	ug/l #	16
51) 4-Methyl-2-Pentanone	8.580	43	1116	0.673	ug/l #	74
52) Toluene	8.720	92	4598	1.899	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	39265	28.099	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	39265	95.364	ug/l #	1
90) Hexachloroethane	12.701	117	263	0.402	ug/l #	19
95) Naphthalene	13.774	128	13832	3.480	ug/l	98

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

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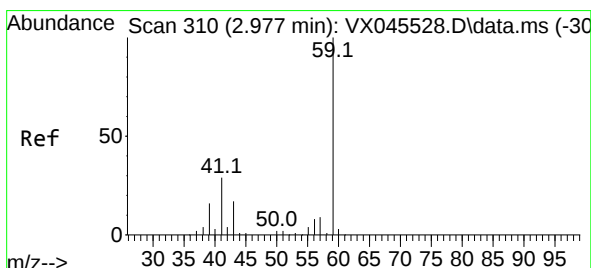
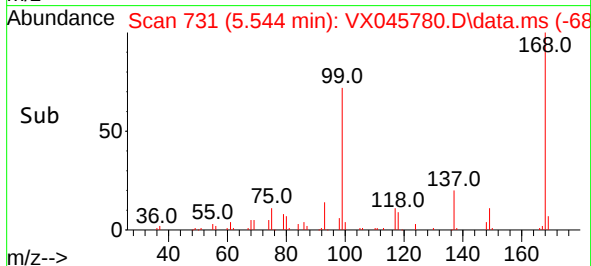
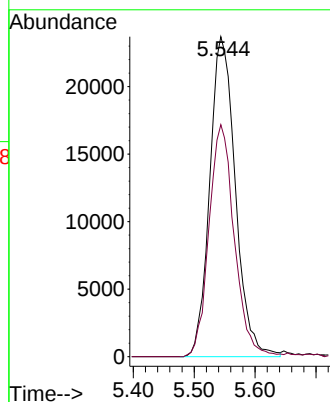
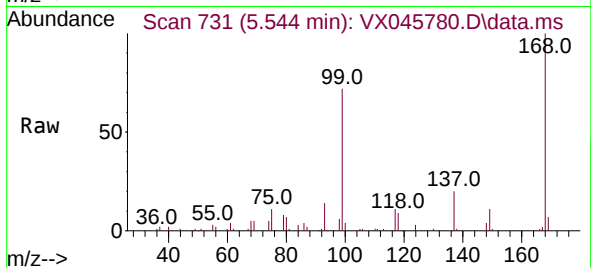




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045780.D
Acq: 14 Apr 2025 19:50

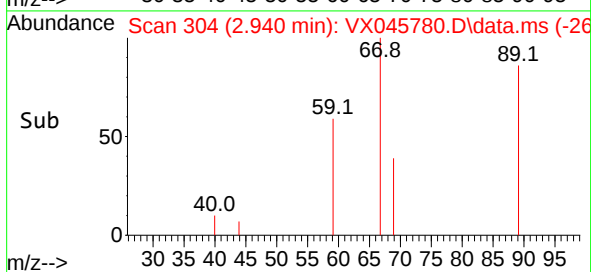
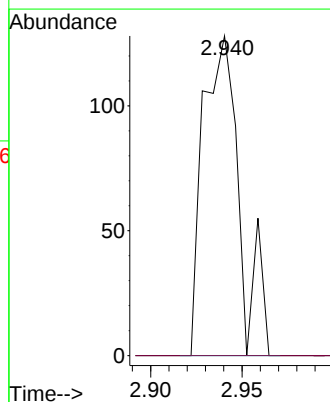
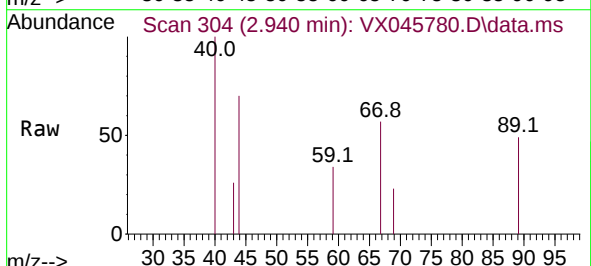
Instrument :
MSVOA_X
ClientSampleId :
TOTE(COMP)-1799

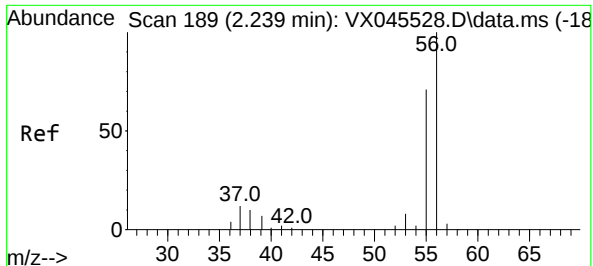
Tgt Ion:168 Resp: 69186
Ion Ratio Lower Upper
168 100
99 72.5 52.3 78.5



#11
Tert butyl alcohol
Concen: 1.047 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX045780.D
Acq: 14 Apr 2025 19:50

Tgt Ion: 59 Resp: 178
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#





#13

Acrolein

Concen: 0.559 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.140 min

Lab File: VX045780.D

Acq: 14 Apr 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

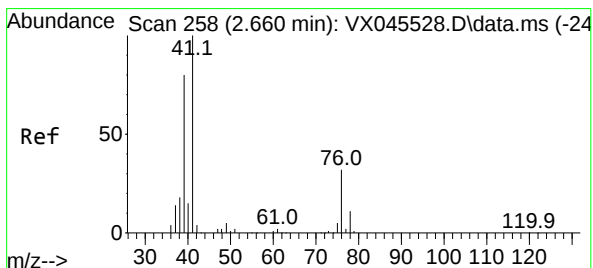
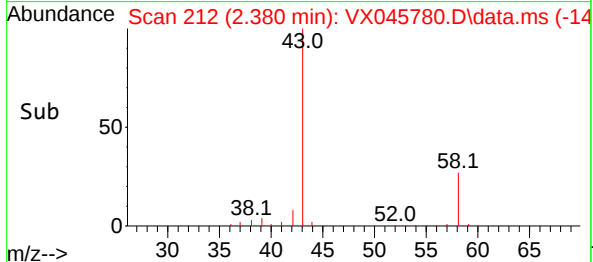
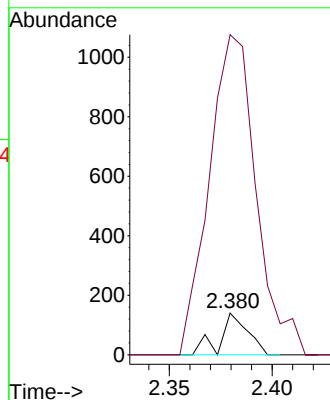
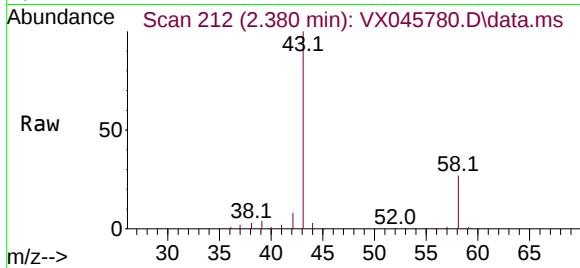
TOTE(COMP)-1799

Tgt Ion: 56 Resp: 131

Ion Ratio Lower Upper

56 100

55 1309.9 56.2 84.2#



#14

Allyl chloride

Concen: 0.332 ug/l

RT: 2.556 min Scan# 241

Delta R.T. -0.104 min

Lab File: VX045780.D

Acq: 14 Apr 2025 19:50

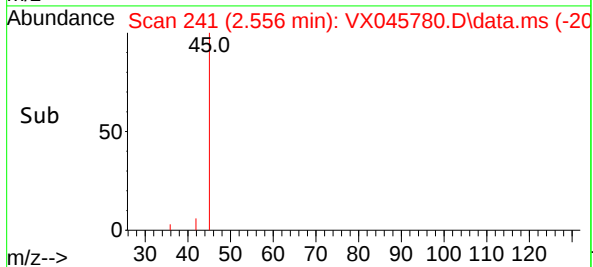
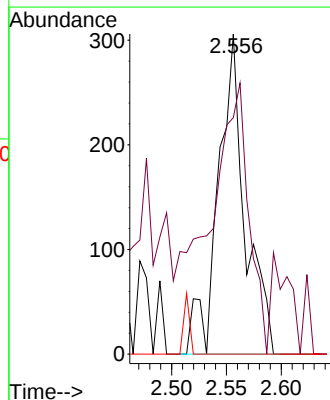
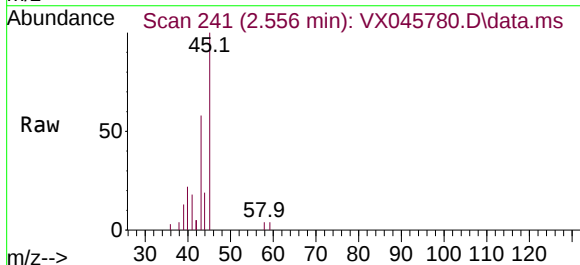
Tgt Ion: 41 Resp: 523

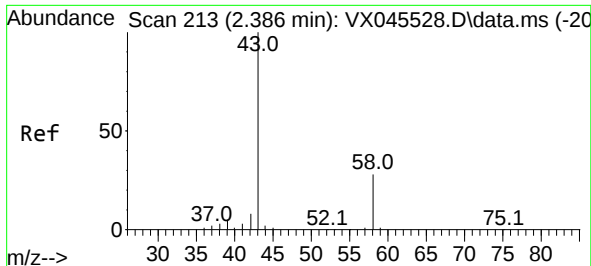
Ion Ratio Lower Upper

41 100

39 0.0 60.2 90.2#

76 0.0 24.6 36.8#

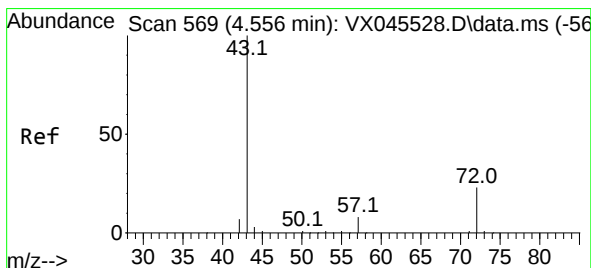
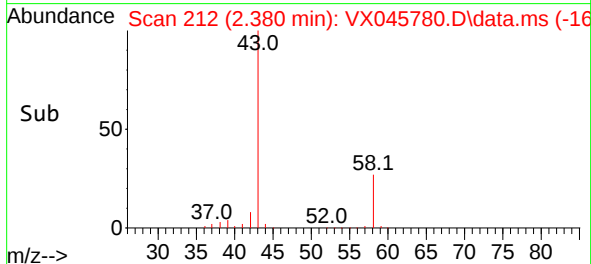
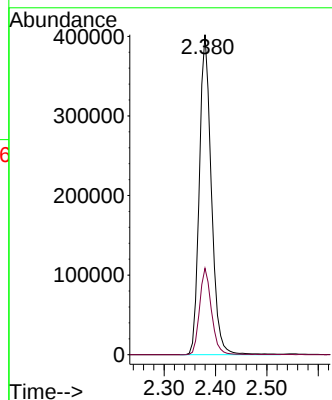
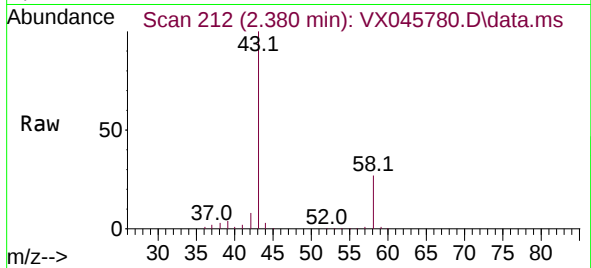




#16
Acetone
Concen: 1256.836 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045780.D
Acq: 14 Apr 2025 19:50

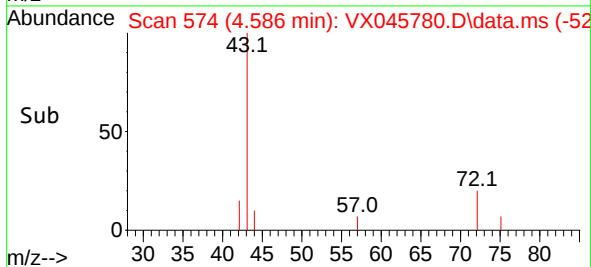
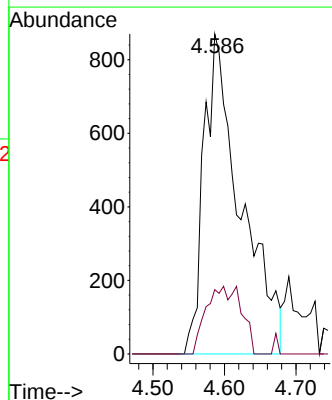
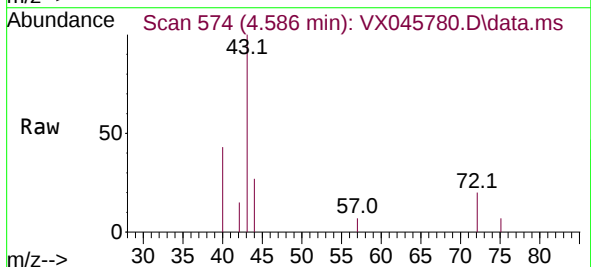
Instrument :
MSVOA_X
ClientSampleId :
TOTE(COMP)-1799

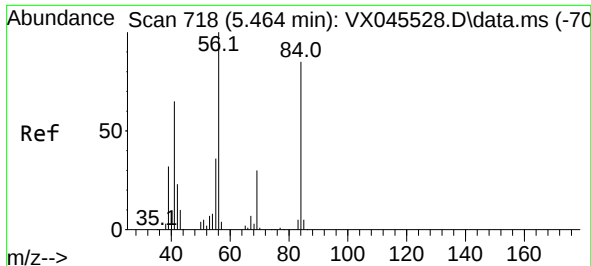
Tgt Ion: 43 Resp: 652976
Ion Ratio Lower Upper
43 100
58 27.0 22.3 33.5



#25
2-Butanone
Concen: 4.105 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.030 min
Lab File: VX045780.D
Acq: 14 Apr 2025 19:50

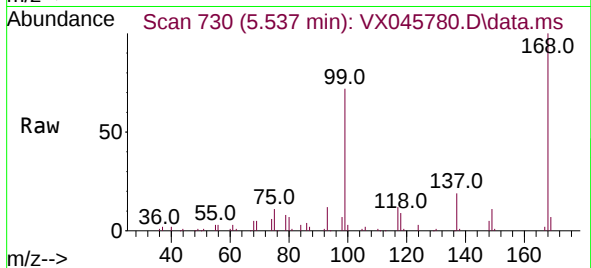
Tgt Ion: 43 Resp: 3122
Ion Ratio Lower Upper
43 100
72 20.1 18.6 28.0



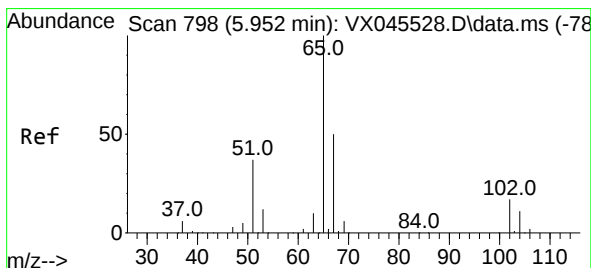
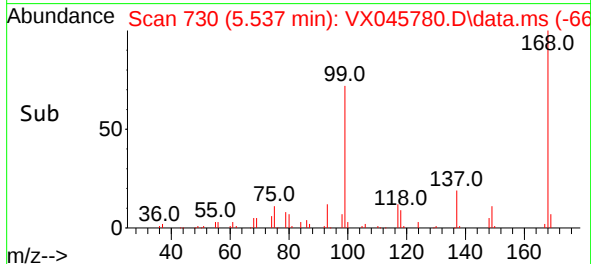
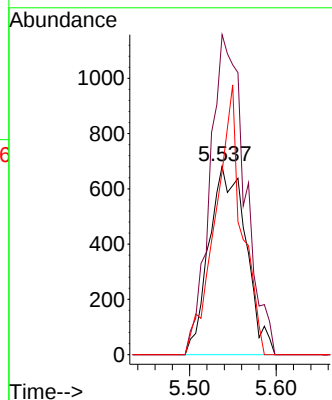


#31
Cyclohexane
Concen: 1.300 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045780.D
Acq: 14 Apr 2025 19:50

Instrument :
MSVOA_X
ClientSampleId :
TOTE(COMP)-1799

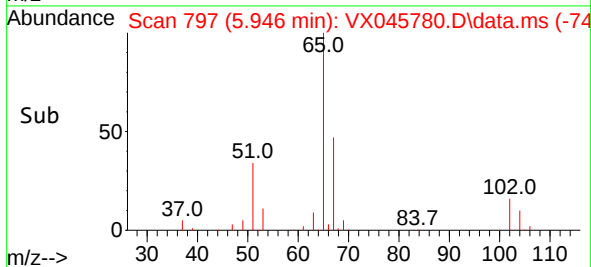
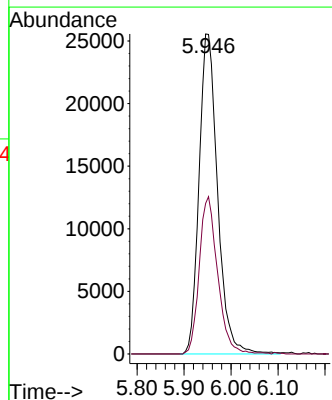
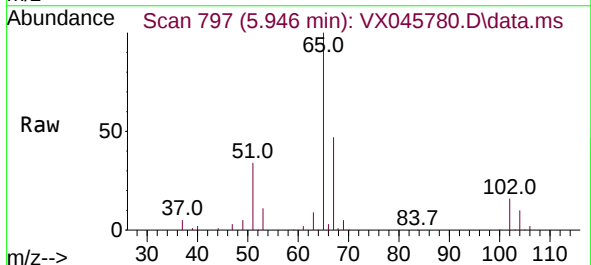


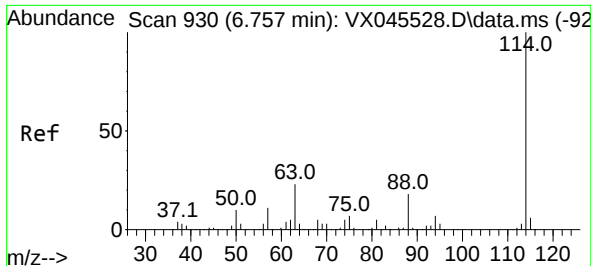
Tgt Ion: 56 Resp: 2017
Ion Ratio Lower Upper
56 100
69 169.8 23.6 35.4#
84 97.1 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 55.266 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045780.D
Acq: 14 Apr 2025 19:50

Tgt Ion: 65 Resp: 69924
Ion Ratio Lower Upper
65 100
67 48.8 0.0 99.0

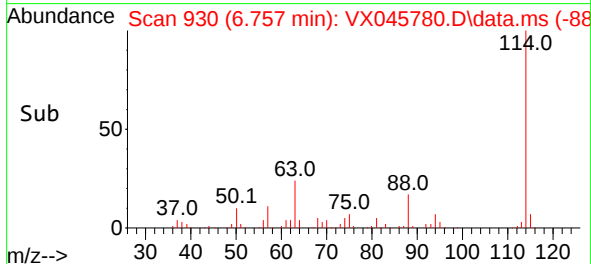
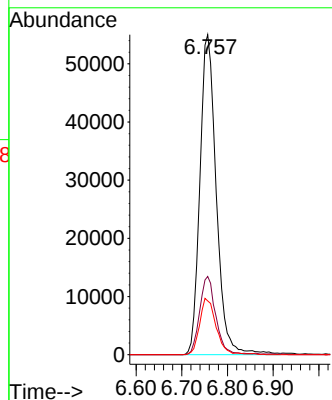
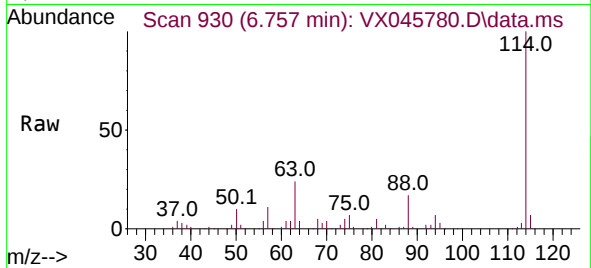




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045780.D
Acq: 14 Apr 2025 19:50

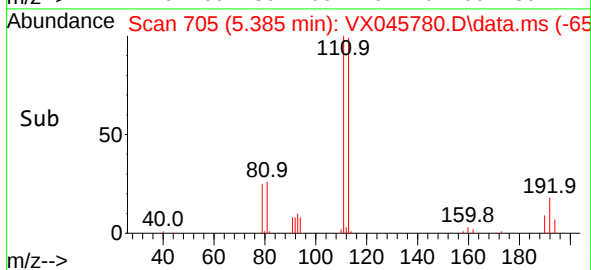
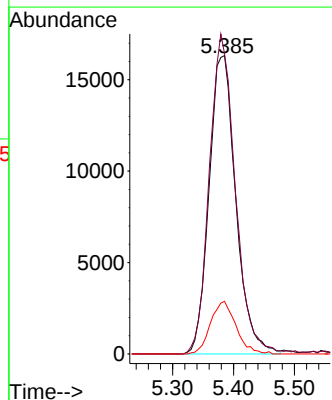
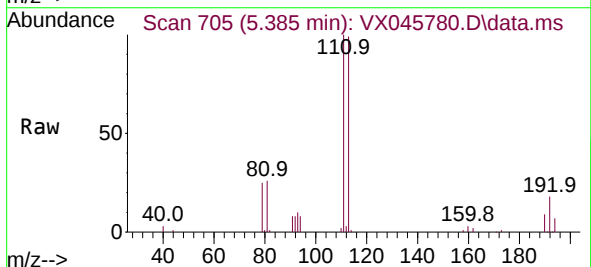
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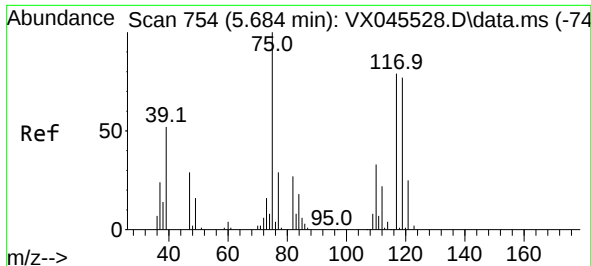
Tgt Ion:114 Resp: 136782
Ion Ratio Lower Upper
114 100
63 24.5 0.0 46.8
88 16.8 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.364 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045780.D
Acq: 14 Apr 2025 19:50

Tgt Ion:113 Resp: 49847
Ion Ratio Lower Upper
113 100
111 104.4 81.8 122.6
192 16.8 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.469 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045780.D

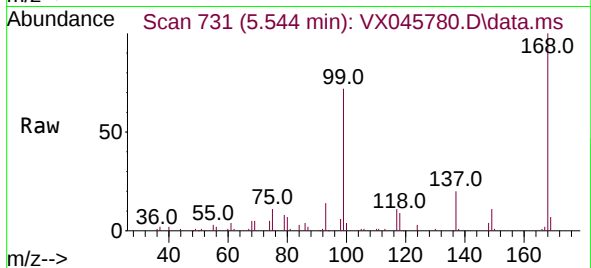
Acq: 14 Apr 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

TOTE(COMP)-1799



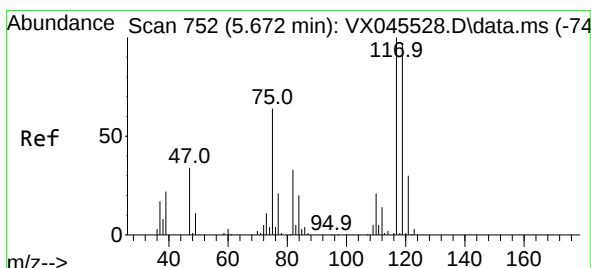
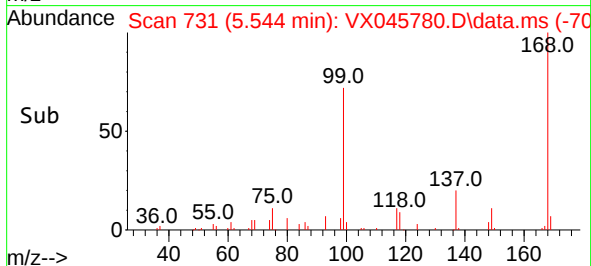
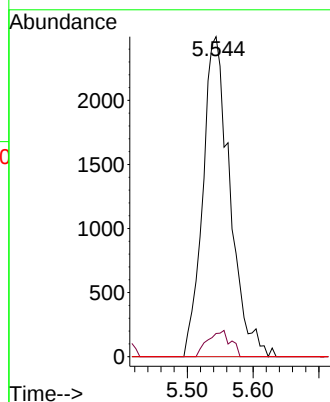
Tgt Ion: 75 Resp: 7166

Ion Ratio Lower Upper

75 100

110 6.9 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.708 ug/l

RT: 5.537 min Scan# 730

Delta R.T. -0.134 min

Lab File: VX045780.D

Acq: 14 Apr 2025 19:50

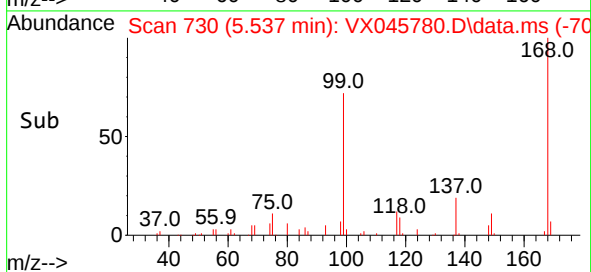
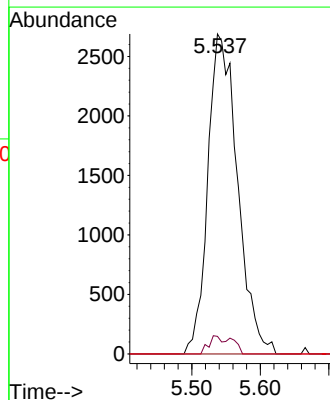
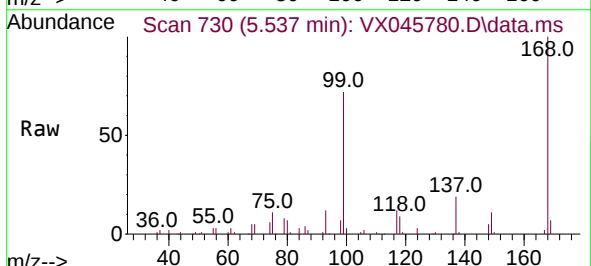
Tgt Ion: 117 Resp: 8083

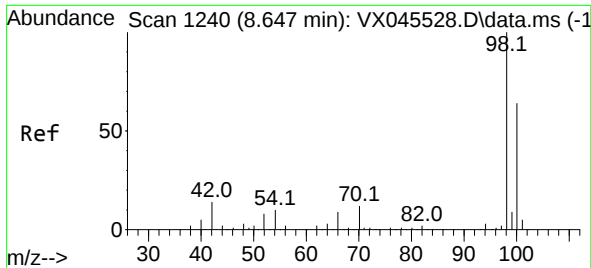
Ion Ratio Lower Upper

117 100

119 5.5 76.9 115.3#

121 0.0 24.2 36.2#

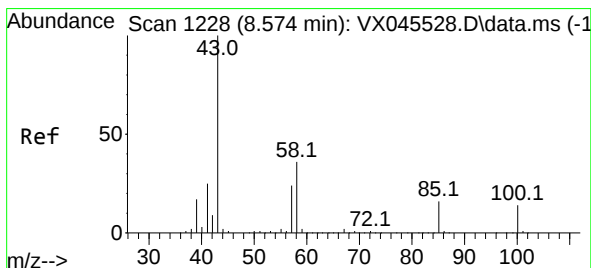
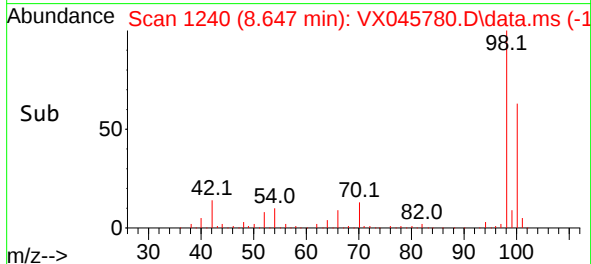
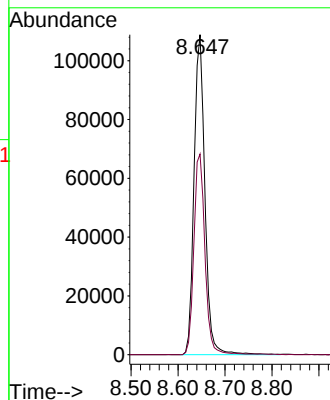
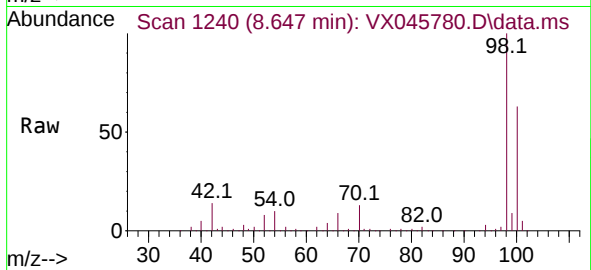




#50
Toluene-d8
Concen: 51.739 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045780.D
Acq: 14 Apr 2025 19:50

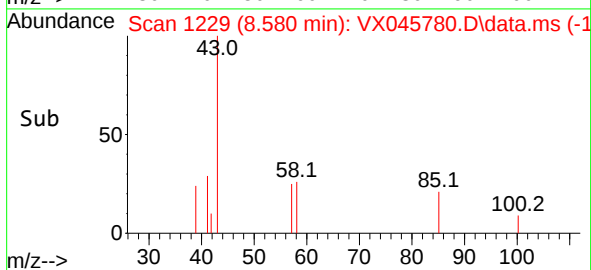
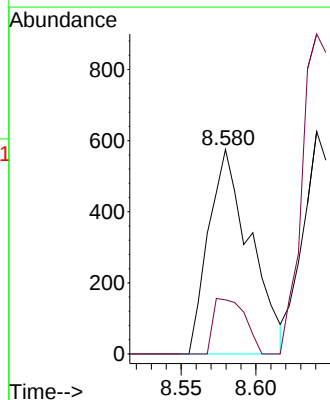
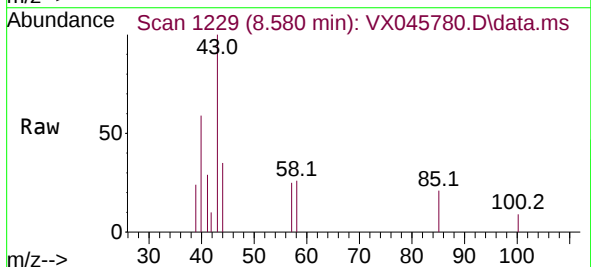
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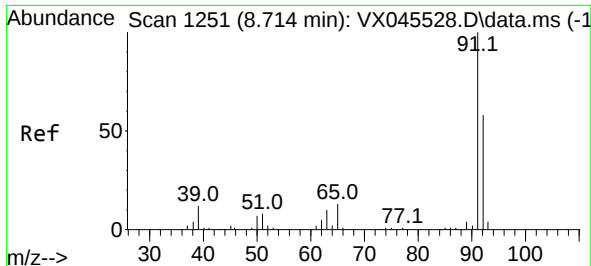
Tgt Ion: 98 Resp: 175258
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.673 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX045780.D
Acq: 14 Apr 2025 19:50

Tgt Ion: 43 Resp: 1116
Ion Ratio Lower Upper
43 100
58 20.5 28.5 42.7#

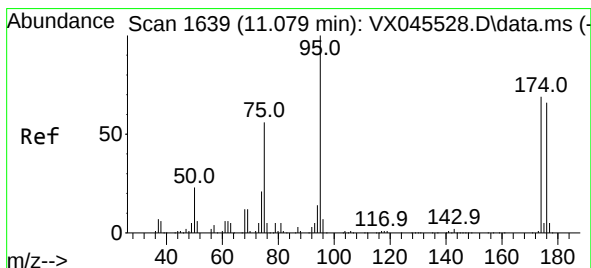
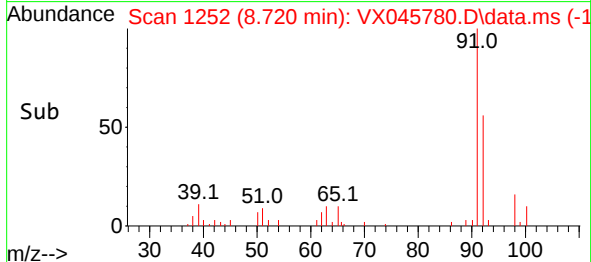
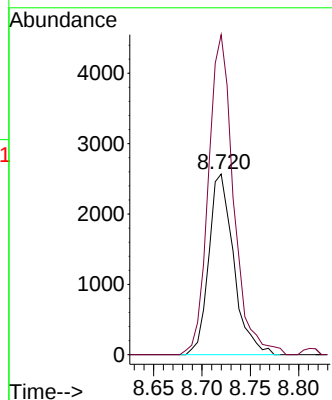
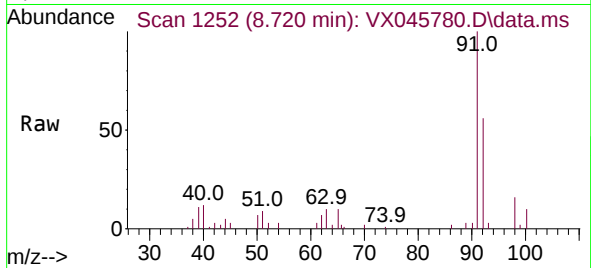




#52
Toluene
Concen: 1.899 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045780.D
Acq: 14 Apr 2025 19:50

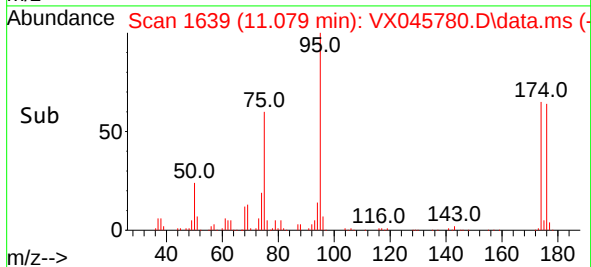
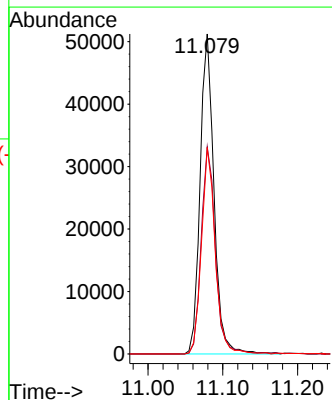
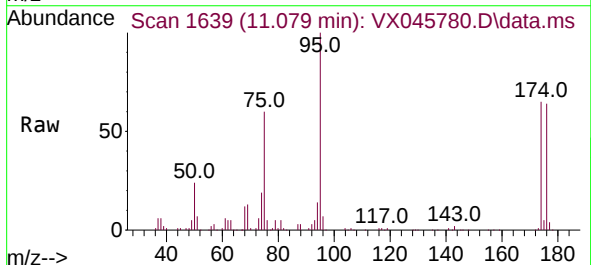
Instrument :
MSVOA_X
ClientSampleId :
TOTE(COMP)-1799

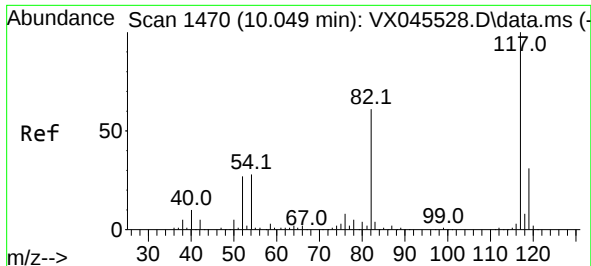
Tgt Ion: 92 Resp: 4598
Ion Ratio Lower Upper
92 100
91 179.4 138.7 208.1



#62
4-Bromofluorobenzene
Concen: 53.434 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045780.D
Acq: 14 Apr 2025 19:50

Tgt Ion: 95 Resp: 65929
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.8
176 64.0 0.0 131.4

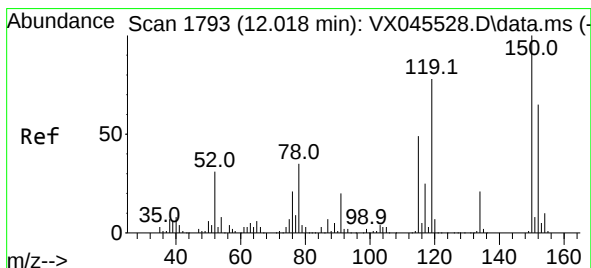
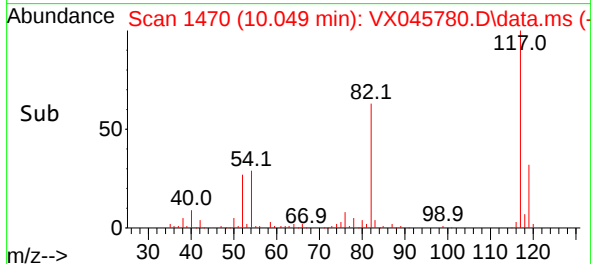
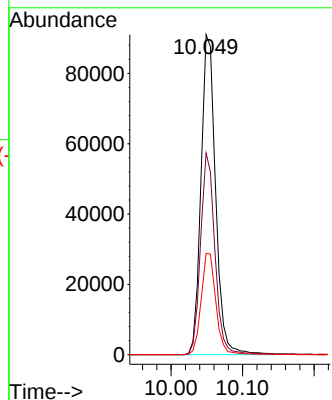
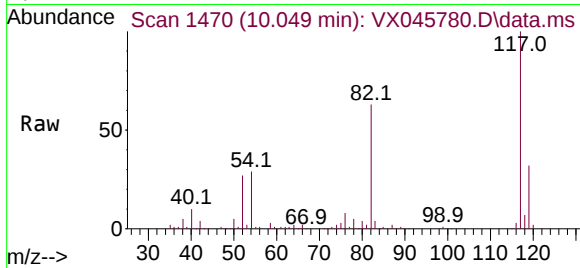




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045780.D
Acq: 14 Apr 2025 19:50

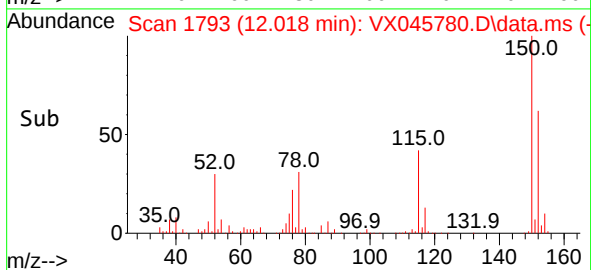
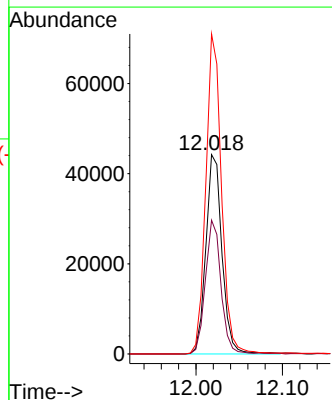
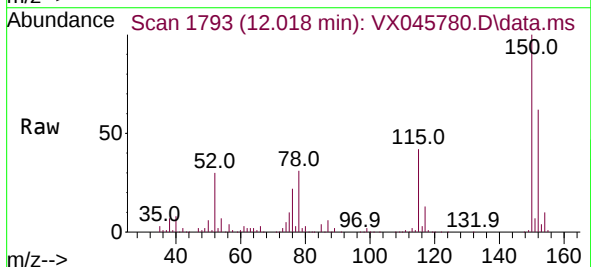
Instrument :
MSVOA_X
ClientSampleId :
TOTE(COMP)-1799

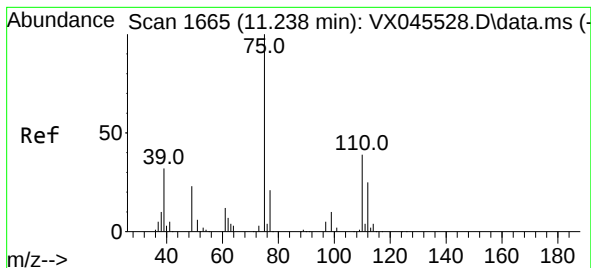
Tgt Ion:117 Resp: 129615
Ion Ratio Lower Upper
117 100
82 63.0 49.2 73.8
119 31.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045780.D
Acq: 14 Apr 2025 19:50

Tgt Ion:152 Resp: 57288
Ion Ratio Lower Upper
152 100
115 65.0 46.9 140.7
150 155.9 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 28.099 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045780.D

Acq: 14 Apr 2025 19:50

Instrument :

MSVOA_X

ClientSampleId :

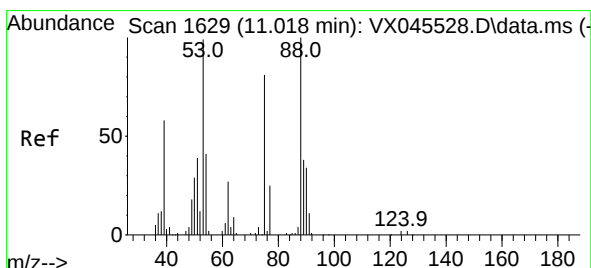
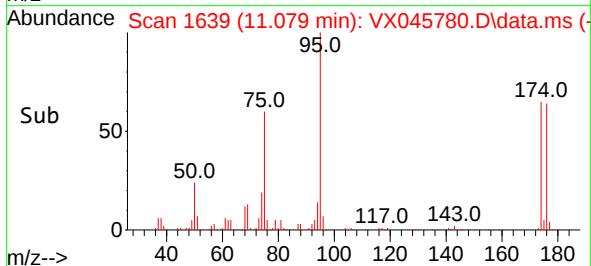
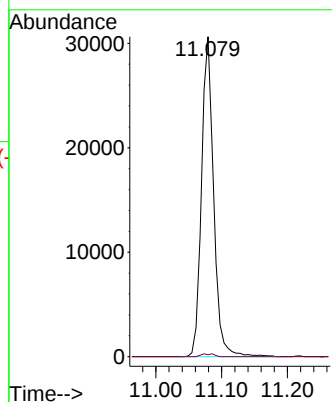
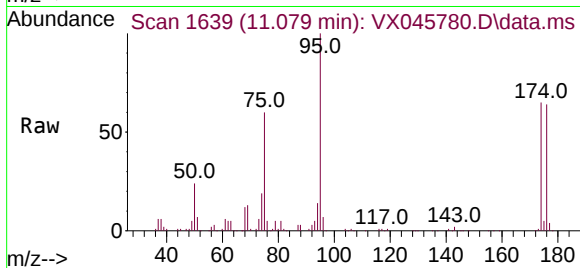
TOTE(COMP)-1799

Tgt Ion: 75 Resp: 39265

Ion Ratio Lower Upper

75 100

77 0.9 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 95.364 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045780.D

Acq: 14 Apr 2025 19:50

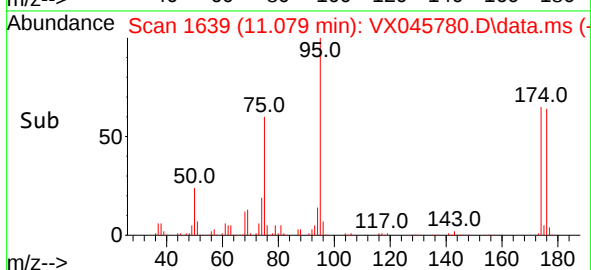
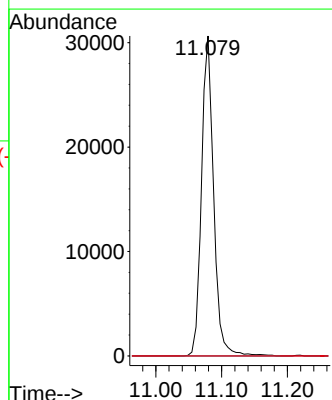
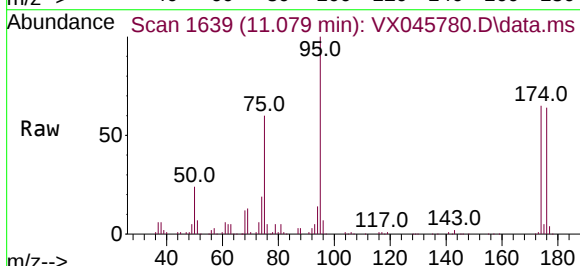
Tgt Ion: 75 Resp: 39265

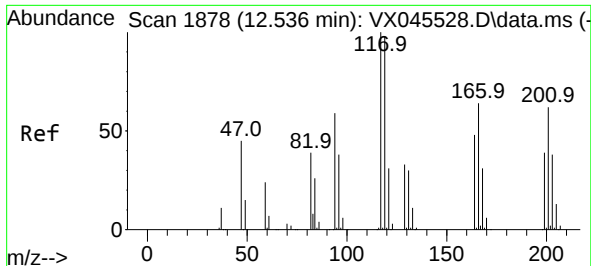
Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.6#

89 0.0 37.2 55.8#

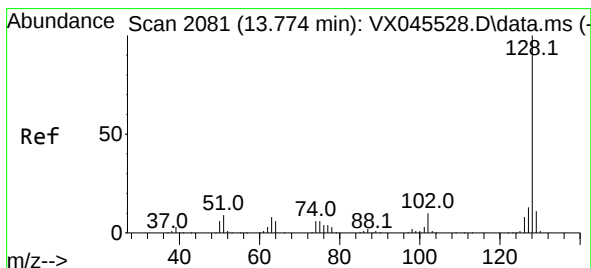
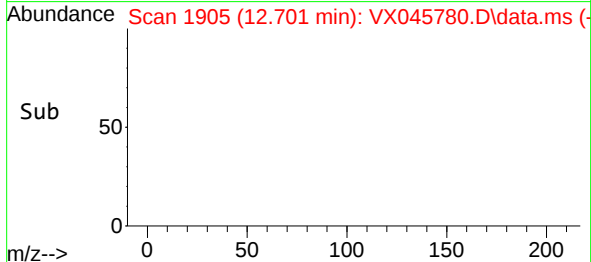
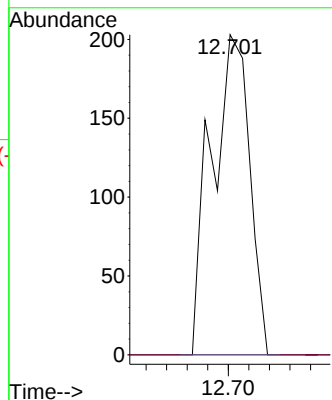
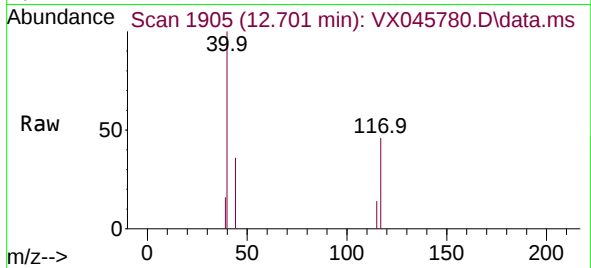




#90
Hexachloroethane
Concen: 0.402 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.165 min
Lab File: VX045780.D
Acq: 14 Apr 2025 19:50

Instrument :
MSVOA_X
ClientSampleId :
TOTE(COMP)-1799

Tgt Ion:117 Resp: 263
Ion Ratio Lower Upper
117 100
201 0.0 31.2 93.6#



#95
Naphthalene
Concen: 3.480 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045780.D
Acq: 14 Apr 2025 19:50

Tgt Ion:128 Resp: 13832
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 10.1 8.6 12.8

