

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
 Data File : VX045799.D
 Acq On : 16 Apr 2025 11:47
 Operator : JC/MD
 Sample : VX0416WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBL01

Quant Time: Apr 17 01:35:24 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)

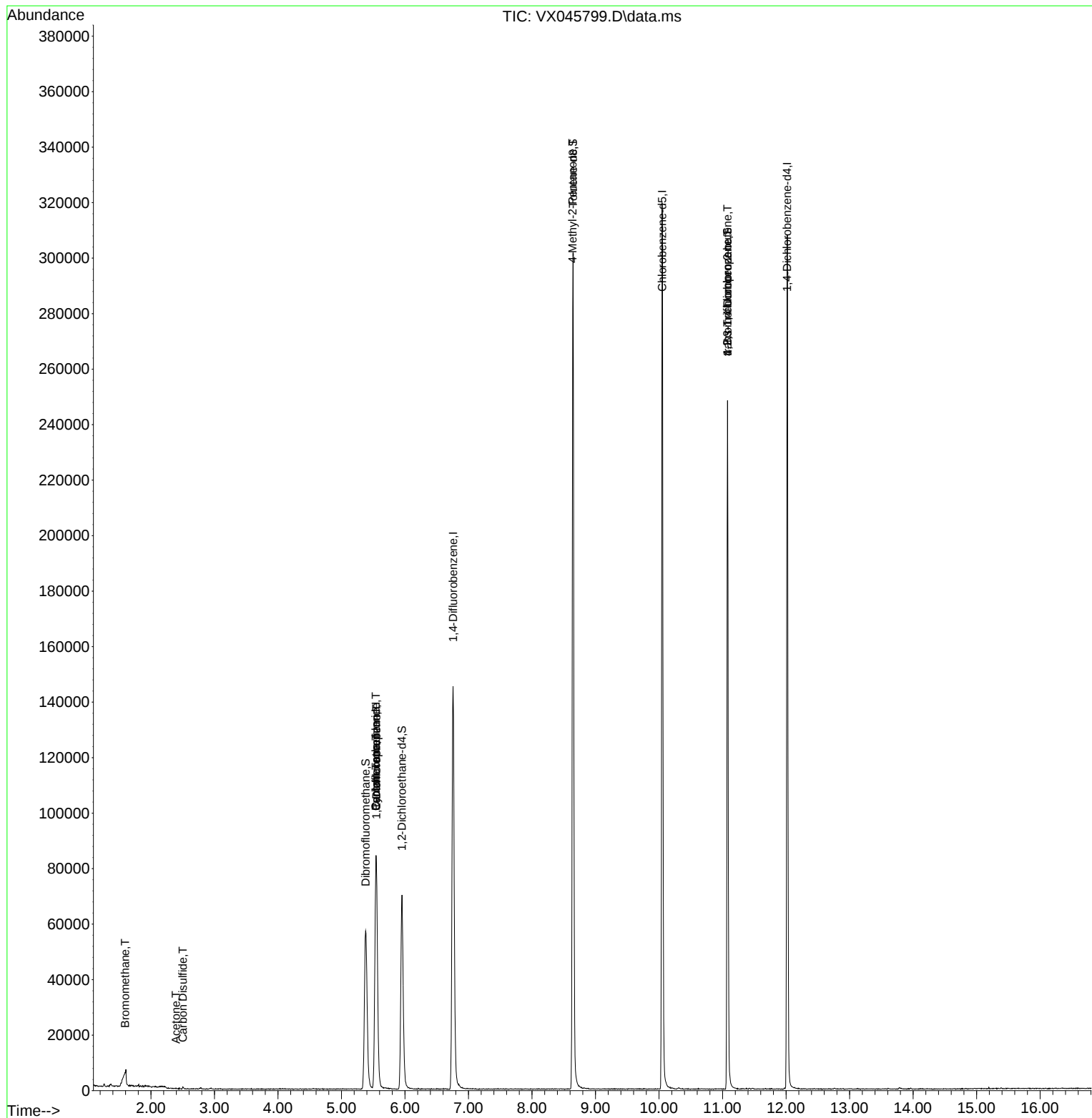
Internal Standards						
1) Pentafluorobenzene	5.544	168	72471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	141858	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70188	52.960	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.920%	
35) Dibromofluoromethane	5.379	113	50855	50.527	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.060%	
50) Toluene-d8	8.647	98	174406	49.646	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.300%	
62) 4-Bromofluorobenzene	11.079	95	66459	51.937	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.880%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	108	0.224	ug/l #	3
16) Acetone	2.392	43	188	0.345	ug/l #	47
17) Carbon Disulfide	2.501	76	578	0.269	ug/l #	76
31) Cyclohexane	5.544	56	2197	1.351	ug/l #	7
36) 1,1-Dichloropropene	5.550	75	7325	5.390	ug/l #	50
38) Carbon Tetrachloride	5.544	117	8586	5.846	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	939	0.546	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38308	27.912	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	38308	94.730	ug/l #	1

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

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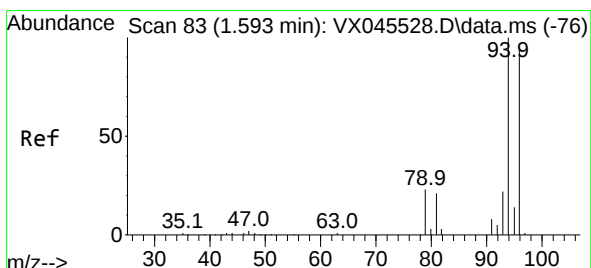
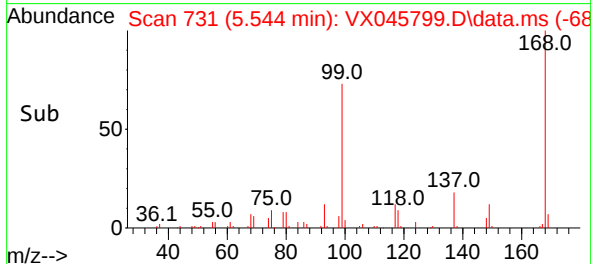
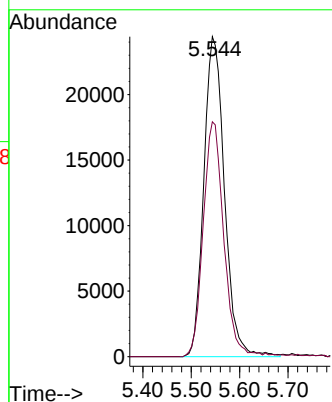
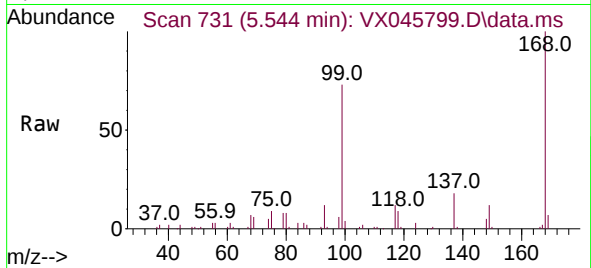




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045799.D
Acq: 16 Apr 2025 11:47

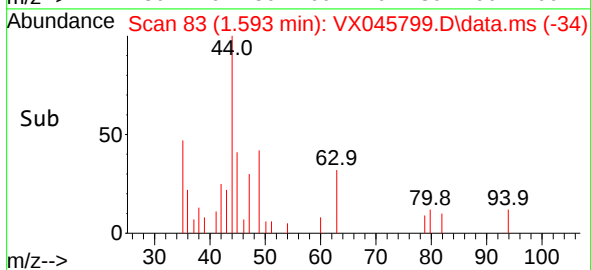
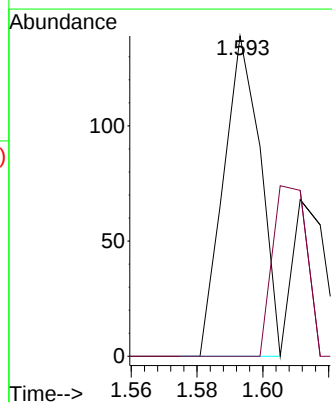
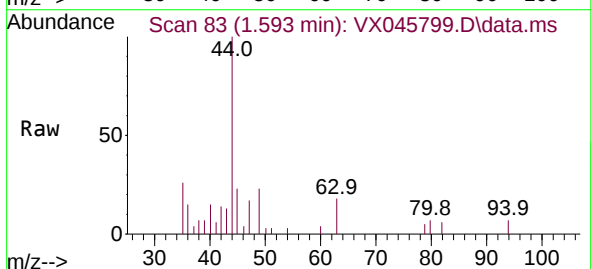
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBL01

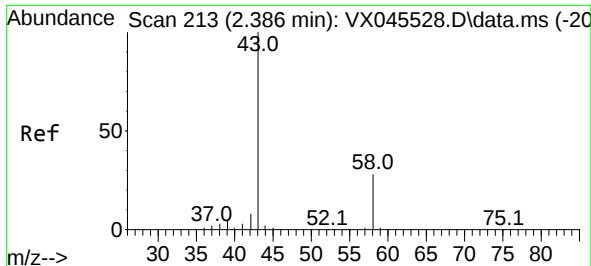
Tgt Ion:168 Resp: 72471
Ion Ratio Lower Upper
168 100
99 73.4 52.3 78.5



#5
Bromomethane
Concen: 0.224 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX045799.D
Acq: 16 Apr 2025 11:47

Tgt Ion: 94 Resp: 108
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#

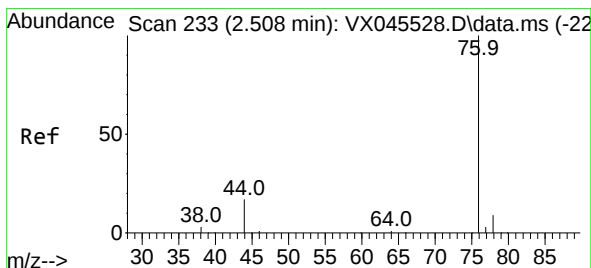
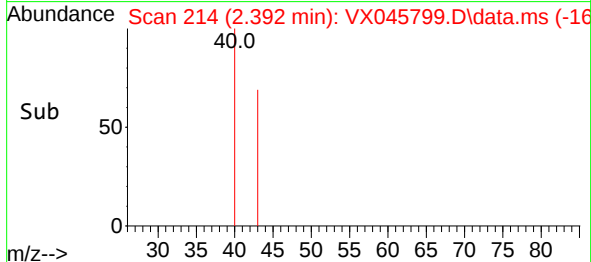
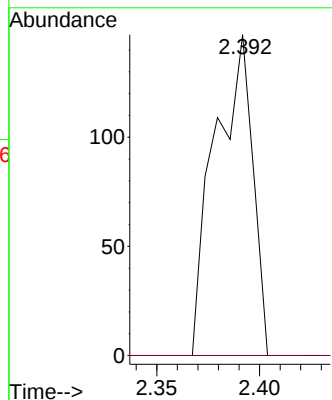
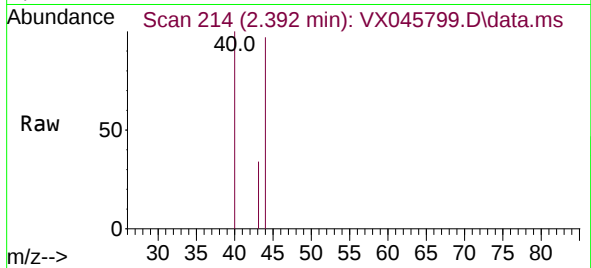




#16
Acetone
Concen: 0.345 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045799.D
Acq: 16 Apr 2025 11:47

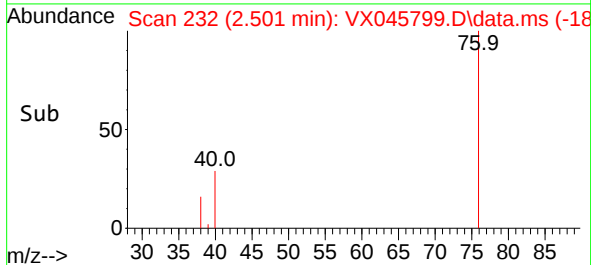
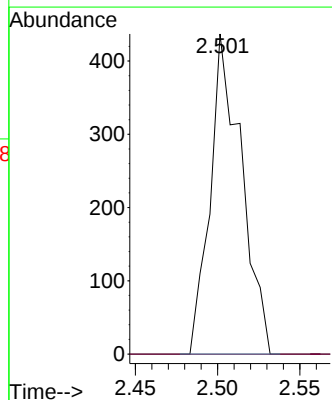
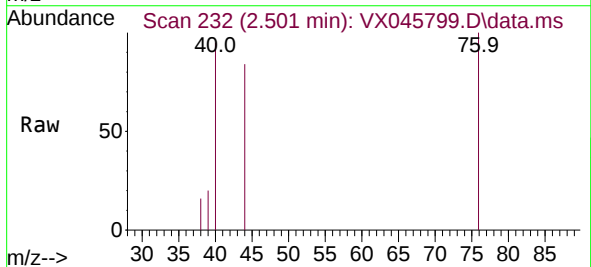
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBL01

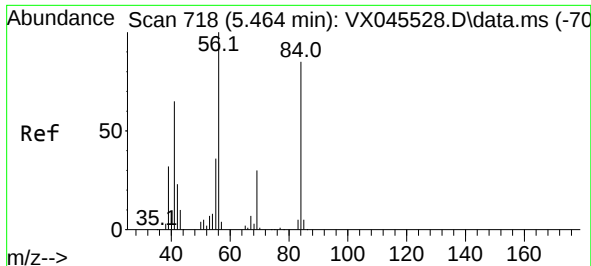
Tgt Ion: 43 Resp: 188
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#



#17
Carbon Disulfide
Concen: 0.269 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.006 min
Lab File: VX045799.D
Acq: 16 Apr 2025 11:47

Tgt Ion: 76 Resp: 578
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

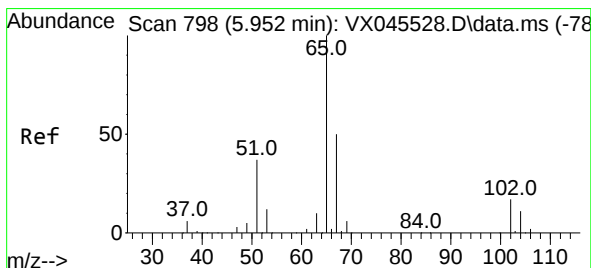
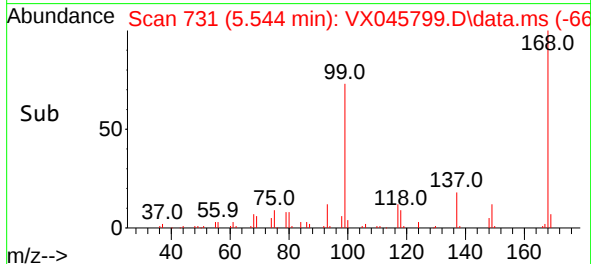
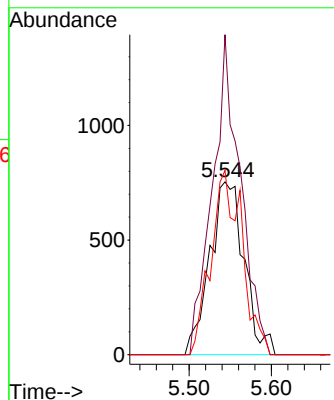
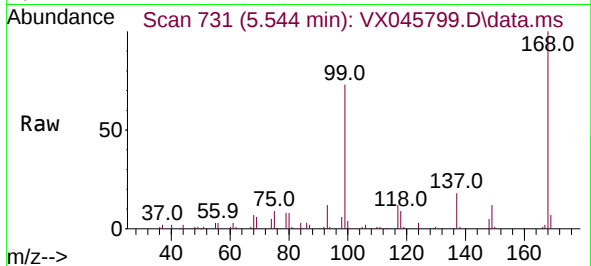




#31
Cyclohexane
Concen: 1.351 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045799.D
Acq: 16 Apr 2025 11:47

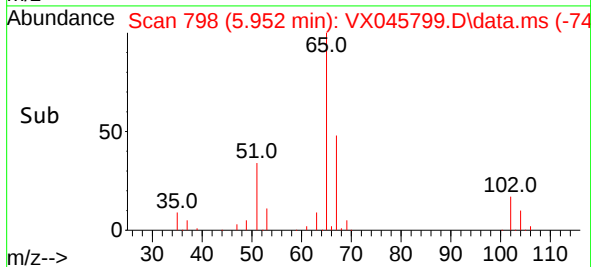
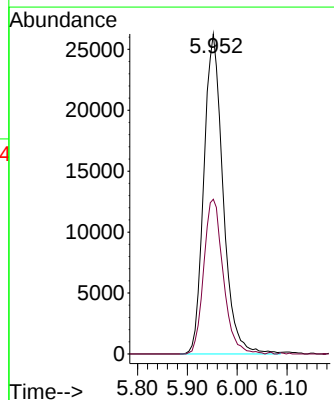
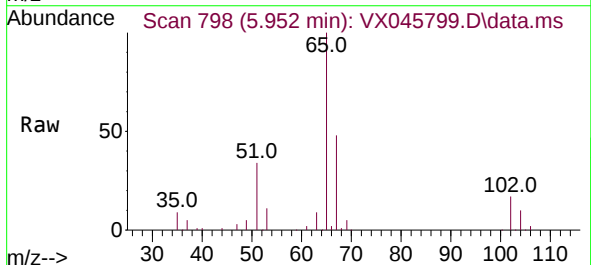
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBL01

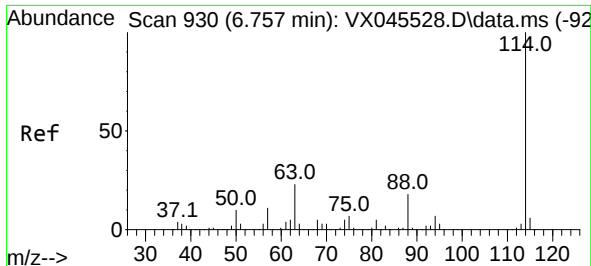
Tgt Ion: 56 Resp: 2197
Ion Ratio Lower Upper
56 100
69 185.1 23.6 35.4#
84 106.6 67.7 101.5#



#33
1,2-Dichloroethane-d4
Concen: 52.960 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045799.D
Acq: 16 Apr 2025 11:47

Tgt Ion: 65 Resp: 70188
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.0

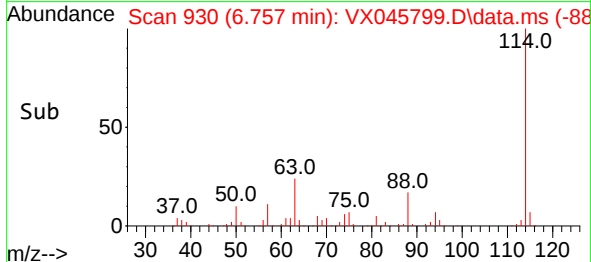
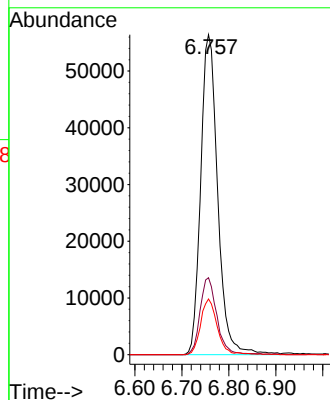
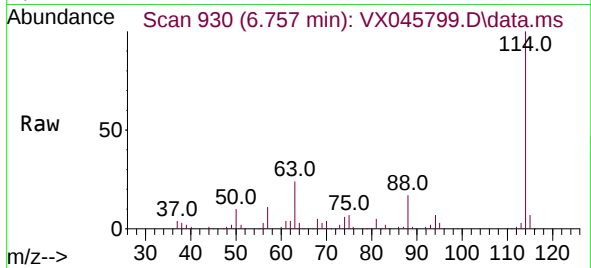




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045799.D
Acq: 16 Apr 2025 11:47

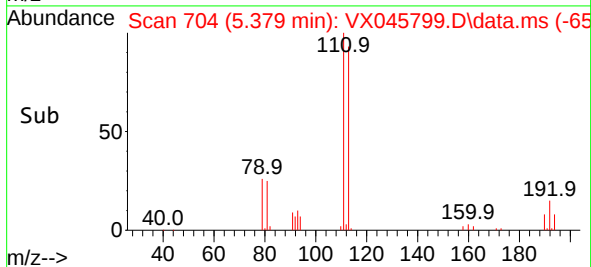
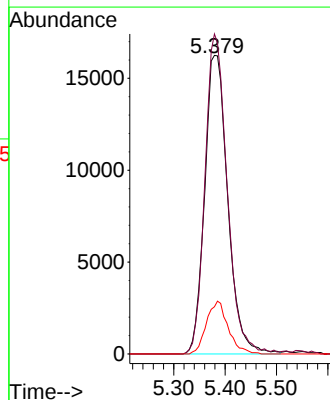
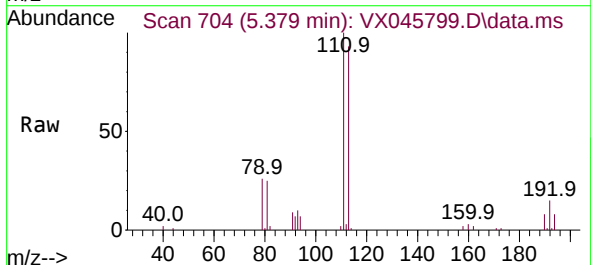
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBL01

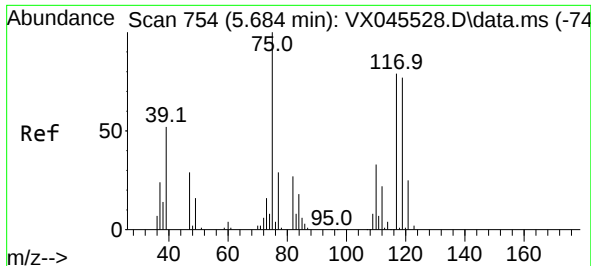
Tgt Ion:114 Resp: 141858
Ion Ratio Lower Upper
114 100
63 24.0 0.0 46.8
88 17.4 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.527 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045799.D
Acq: 16 Apr 2025 11:47

Tgt Ion:113 Resp: 50855
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 16.6 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.390 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX045799.D

Acq: 16 Apr 2025 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBL01

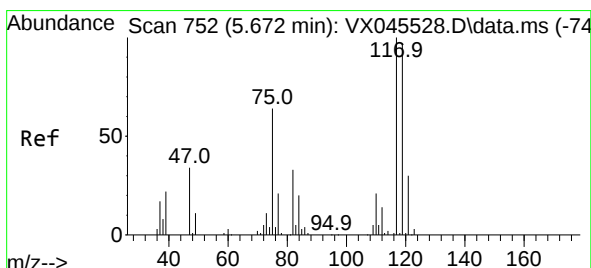
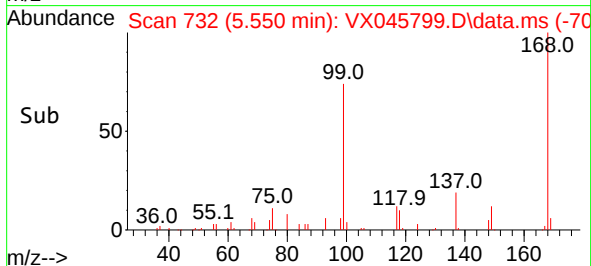
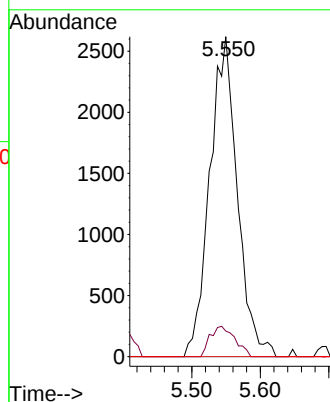
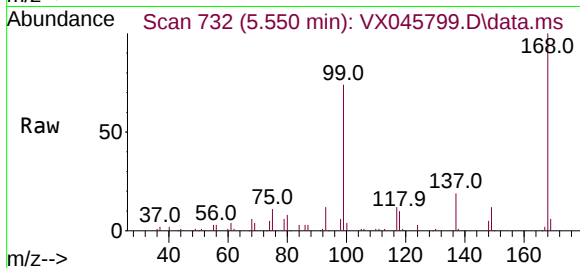
Tgt Ion: 75 Resp: 7325

Ion Ratio Lower Upper

75 100

110 8.5 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.846 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045799.D

Acq: 16 Apr 2025 11:47

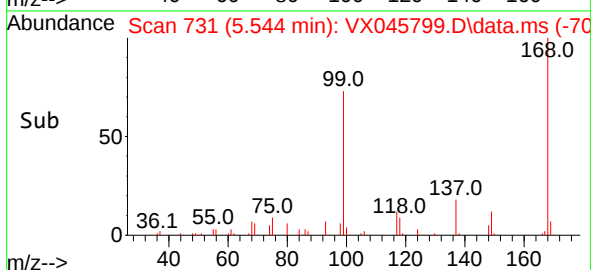
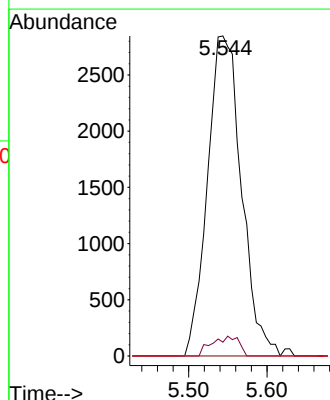
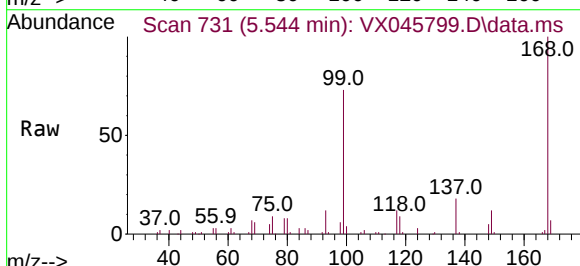
Tgt Ion: 117 Resp: 8586

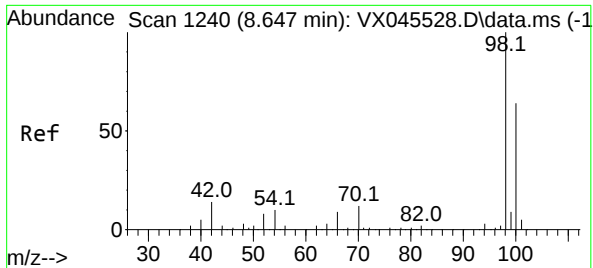
Ion Ratio Lower Upper

117 100

119 4.3 76.9 115.3#

121 0.0 24.2 36.2#

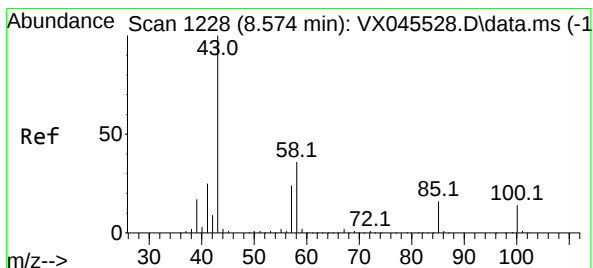
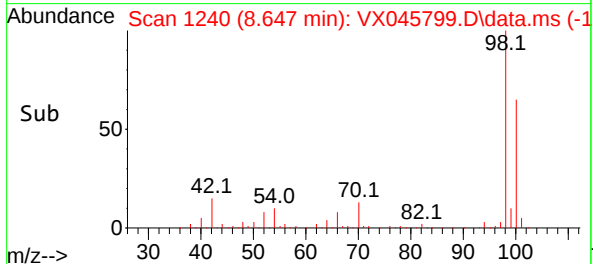
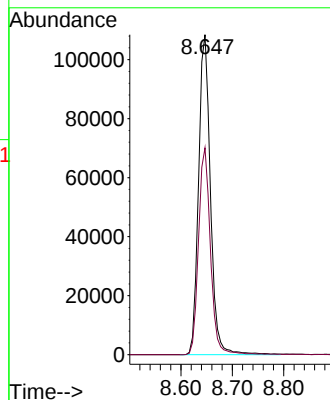
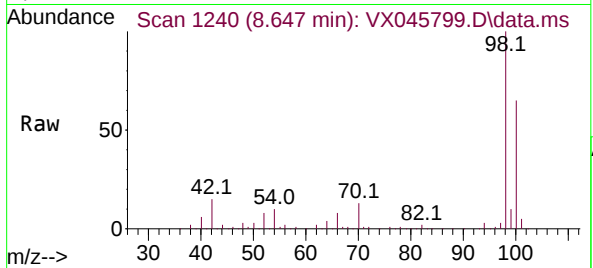




#50
Toluene-d8
Concen: 49.646 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045799.D
Acq: 16 Apr 2025 11:47

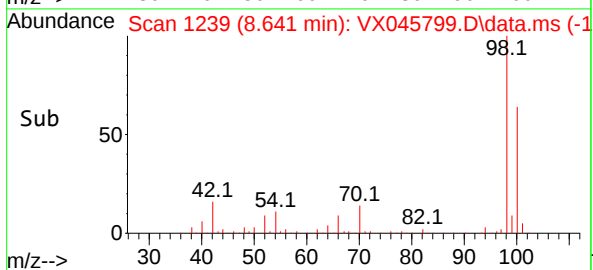
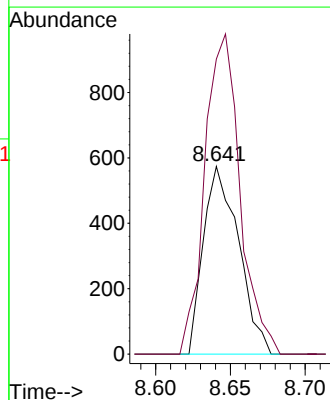
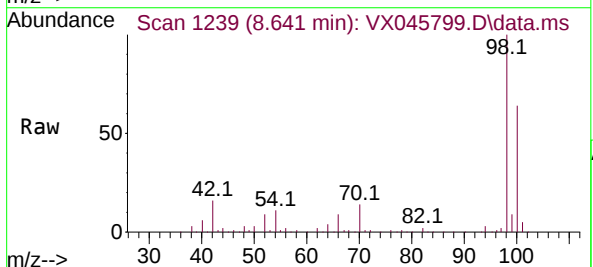
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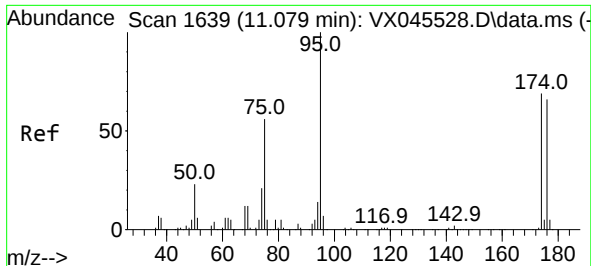
Tgt Ion: 98 Resp: 174406
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.546 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045799.D
Acq: 16 Apr 2025 11:47

Tgt Ion: 43 Resp: 939
Ion Ratio Lower Upper
43 100
58 170.7 28.5 42.7#





#62

4-Bromofluorobenzene

Concen: 51.937 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045799.D

Acq: 16 Apr 2025 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBL01

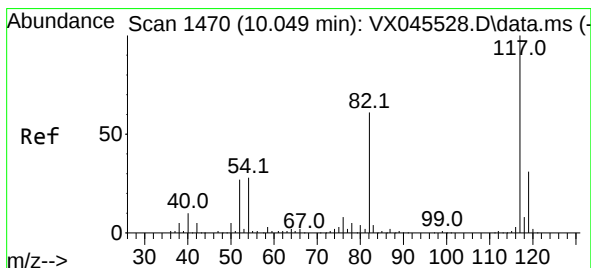
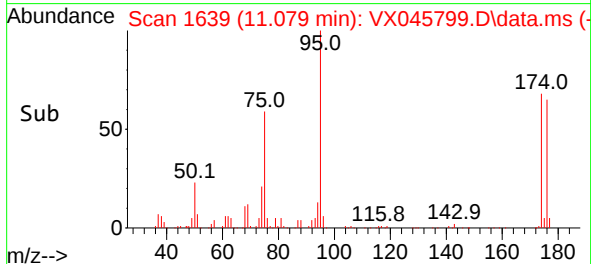
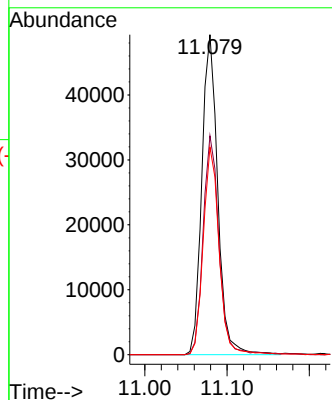
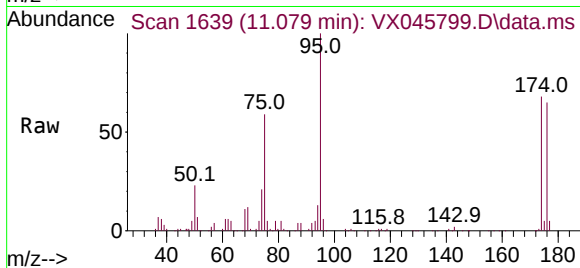
Tgt Ion: 95 Resp: 66459

Ion Ratio Lower Upper

95 100

174 68.5 0.0 135.8

176 64.9 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: VX045799.D

Acq: 16 Apr 2025 11:47

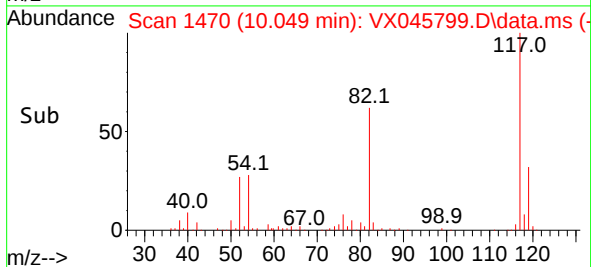
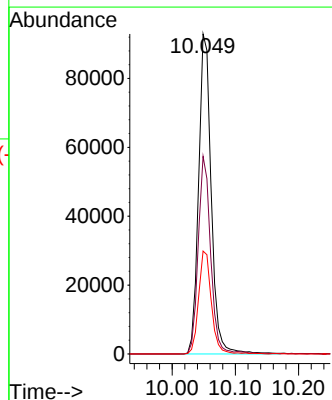
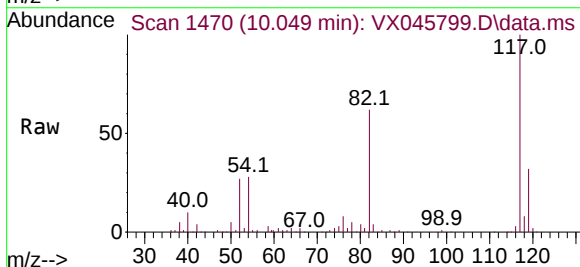
Tgt Ion: 117 Resp: 129459

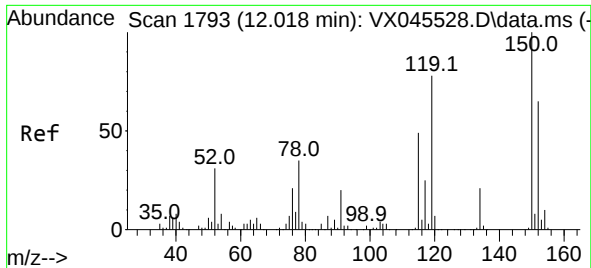
Ion Ratio Lower Upper

117 100

82 61.8 49.2 73.8

119 32.2 25.1 37.7

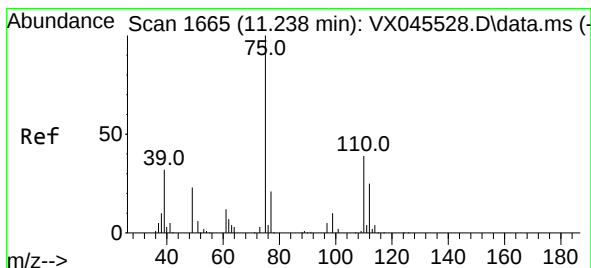
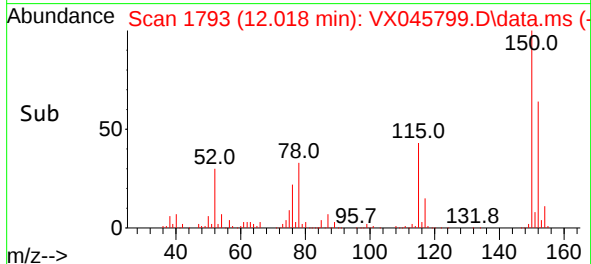
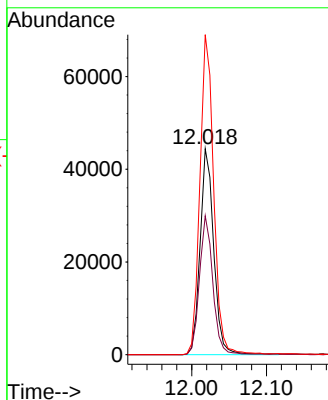
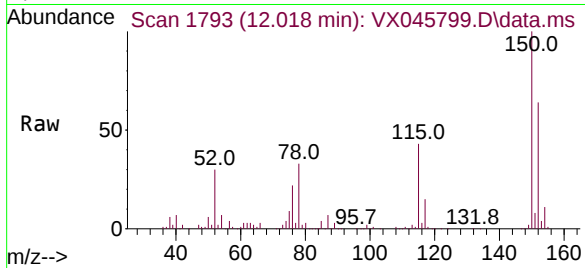




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045799.D
Acq: 16 Apr 2025 11:47

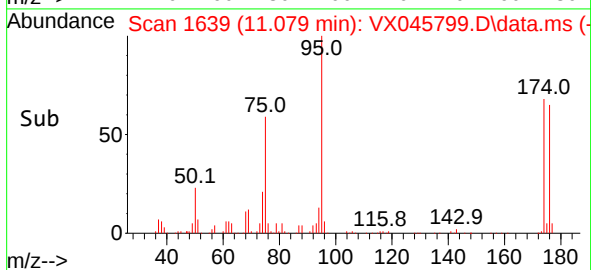
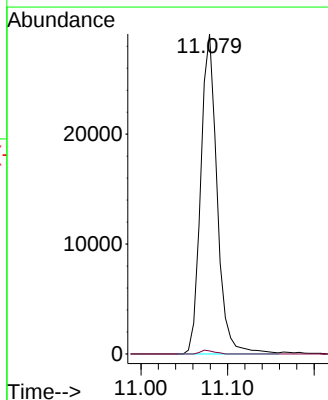
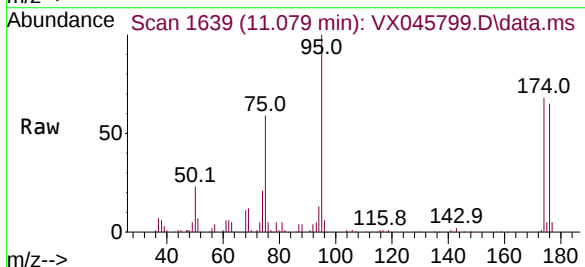
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBL01

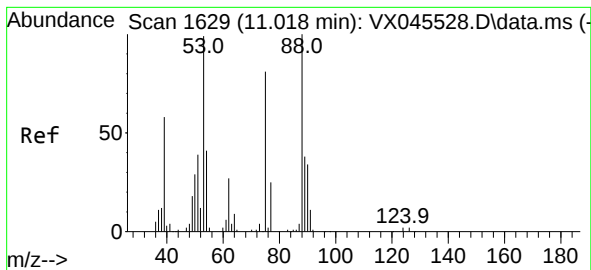
Tgt Ion:152 Resp: 56266
Ion Ratio Lower Upper
152 100
115 66.4 46.9 140.7
150 157.0 0.0 349.4



#76
1,2,3-Trichloropropane
Concen: 27.912 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045799.D
Acq: 16 Apr 2025 11:47

Tgt Ion: 75 Resp: 38308
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.730 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045799.D
 Acq: 16 Apr 2025 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBL01

Tgt Ion: 75 Resp: 38308
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#

