

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
 Data File : VX045739.D
 Acq On : 11 Apr 2025 14:18
 Operator : JC/MD
 Sample : Q1790-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-041025

Quant Time: Apr 11 23:05:08 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)

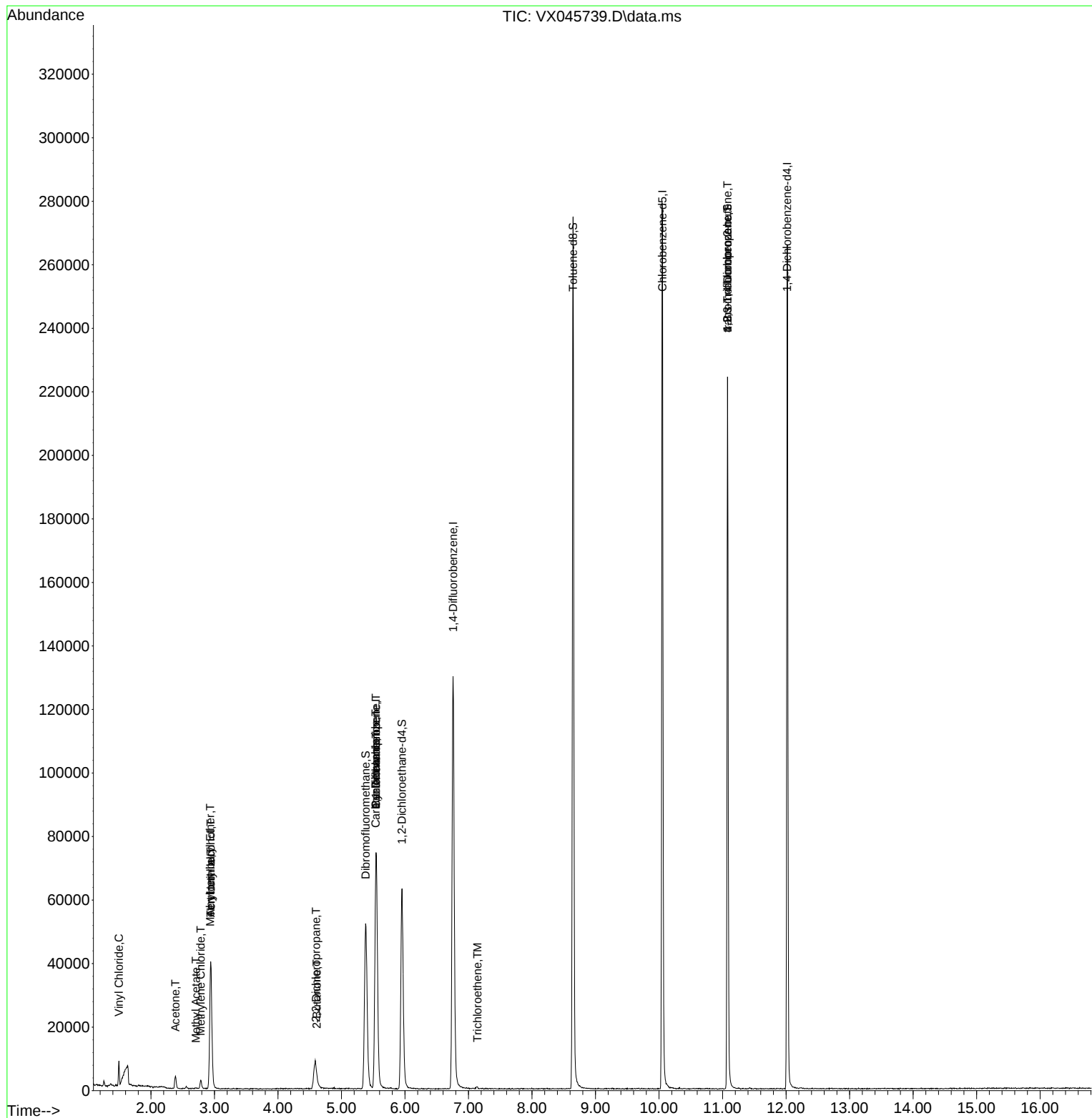
Internal Standards						
1) Pentafluorobenzene	5.544	168	62833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124103	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63861	55.577	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.160%			
35) Dibromofluoromethane	5.379	113	45609	51.798	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.600%			
50) Toluene-d8	8.647	98	157166	51.139	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.280%			
62) 4-Bromofluorobenzene	11.079	95	58635	52.378	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.760%			
Target Compounds					Qvalue	
4) Vinyl Chloride	1.496	62	194	0.220	ug/l #	43
11) Tert butyl alcohol	2.940	59	25802	167.086	ug/l #	76
15) Acrylonitrile	2.940	53	522	1.071	ug/l #	17
16) Acetone	2.386	43	4372	9.266	ug/l	92
18) Methyl Acetate	2.709	43	413	0.380	ug/l #	54
19) Methyl tert-butyl Ether	2.934	73	1290	0.489	ug/l #	65
20) Methylene Chloride	2.782	84	1225	1.387	ug/l #	86
25) 2-Butanone	4.611	43	628	0.909	ug/l #	52
26) 2,2-Dichloropropane	4.599	77	544	0.528	ug/l #	55
31) Cyclohexane	5.544	56	1953	1.386	ug/l #	37
36) 1,1-Dichloropropene	5.544	75	6582	5.536	ug/l #	49
38) Carbon Tetrachloride	5.538	117	7763	6.042	ug/l #	12
44) Trichloroethene	7.141	130	176	0.204	ug/l	46
76) 1,2,3-Trichloropropane	11.079	75	34374	28.172	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34374	95.614	ug/l #	1

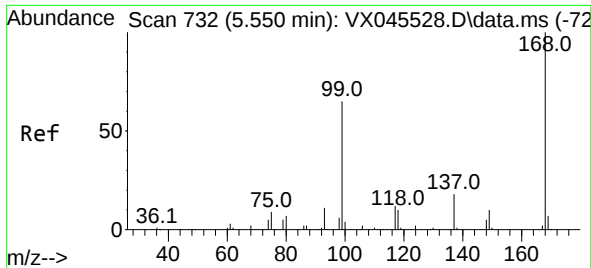
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
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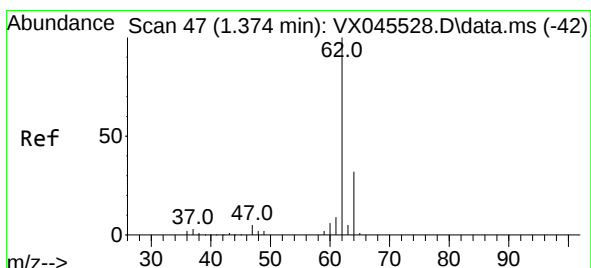
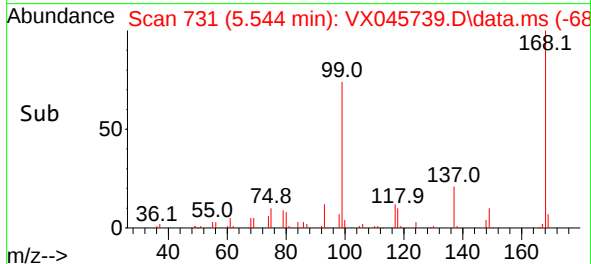
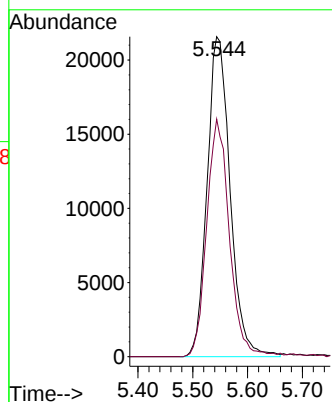
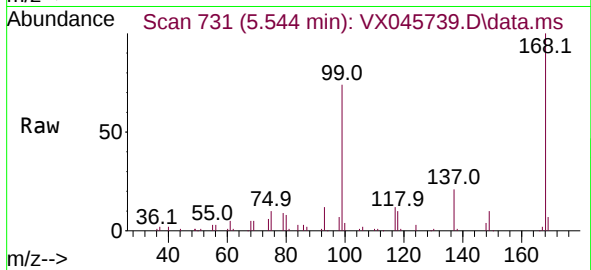




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045739.D
Acq: 11 Apr 2025 14:18

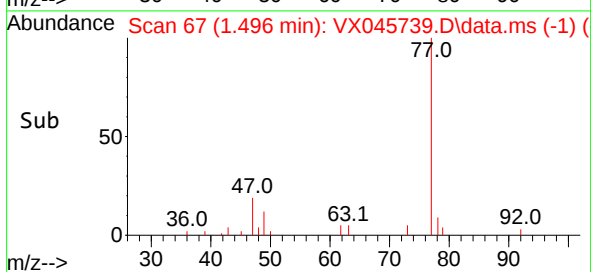
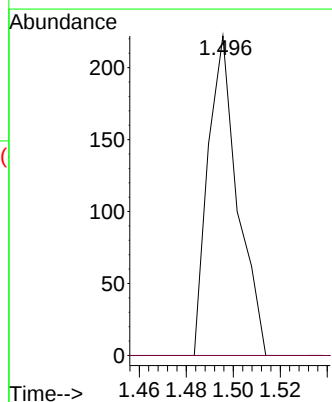
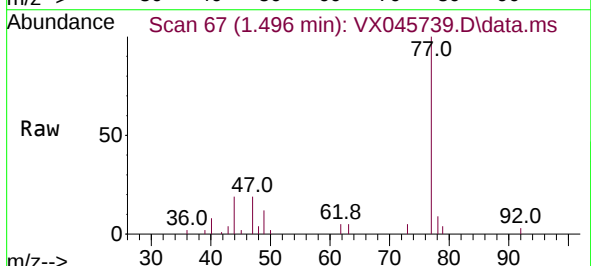
Instrument :
MSVOA_X
ClientSampleId :
FB01-041025

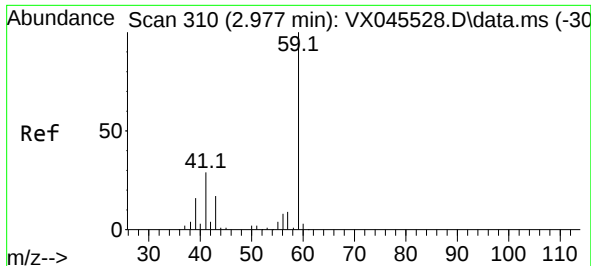
Tgt Ion:168 Resp: 62833
Ion Ratio Lower Upper
168 100
99 74.2 52.3 78.5



#4
Vinyl Chloride
Concen: 0.220 ug/l
RT: 1.496 min Scan# 67
Delta R.T. 0.122 min
Lab File: VX045739.D
Acq: 11 Apr 2025 14:18

Tgt Ion: 62 Resp: 194
Ion Ratio Lower Upper
62 100
64 0.0 25.5 38.3#

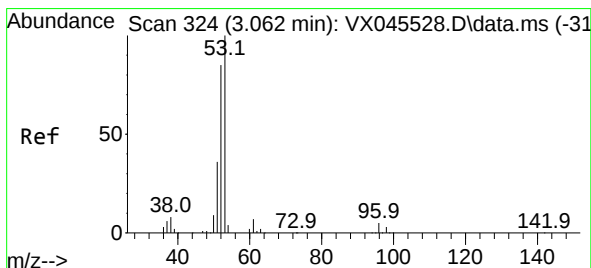
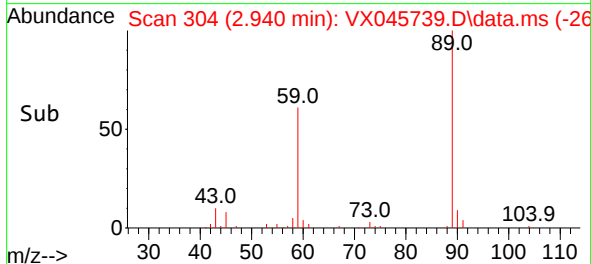
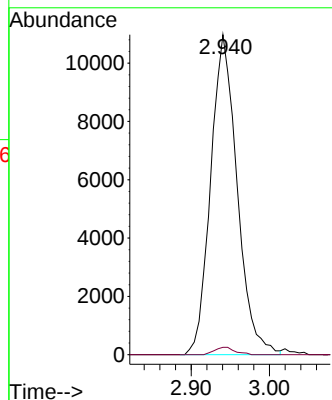
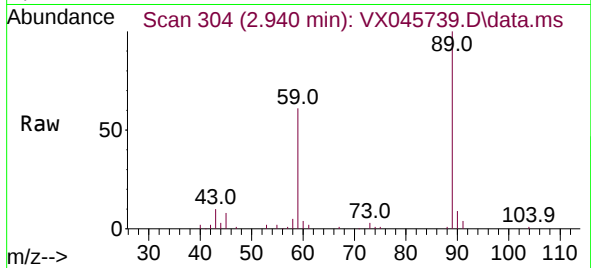




#11
Tert butyl alcohol
Concen: 167.086 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX045739.D
Acq: 11 Apr 2025 14:18

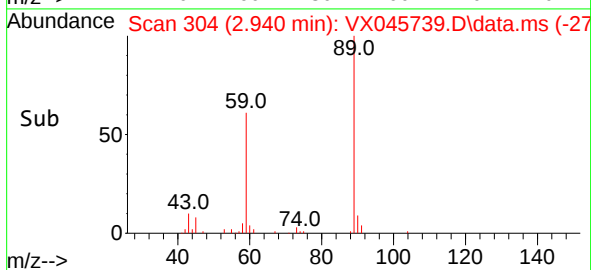
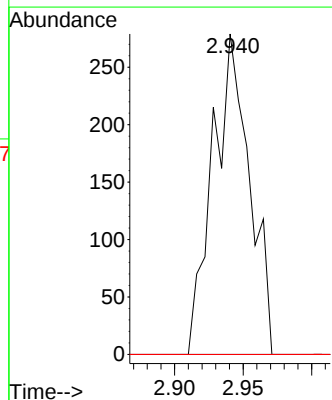
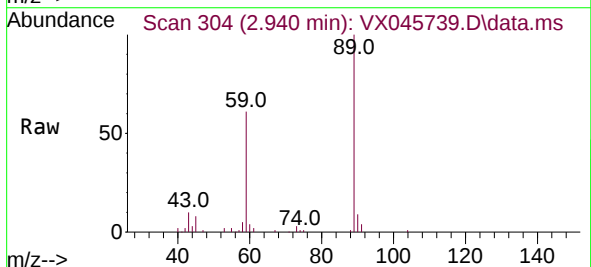
Instrument :
MSVOA_X
ClientSampleId :
FB01-041025

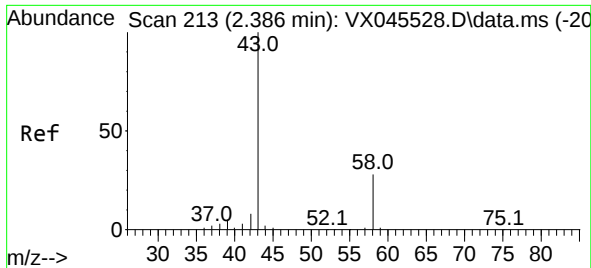
Tgt Ion: 59 Resp: 25802
Ion Ratio Lower Upper
59 100
57 1.8 8.6 12.8#



#15
Acrylonitrile
Concen: 1.071 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.122 min
Lab File: VX045739.D
Acq: 11 Apr 2025 14:18

Tgt Ion: 53 Resp: 522
Ion Ratio Lower Upper
53 100
52 0.0 67.4 101.2#
51 0.0 29.9 44.9#

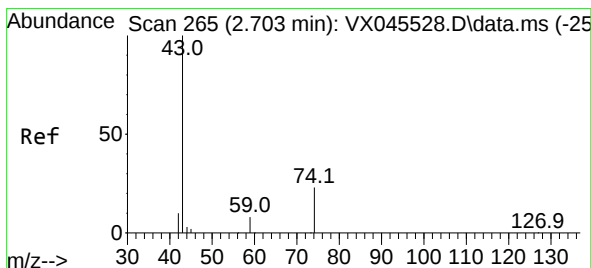
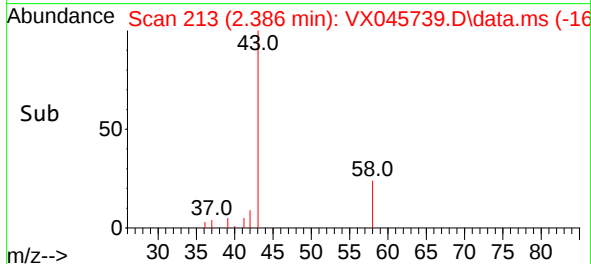
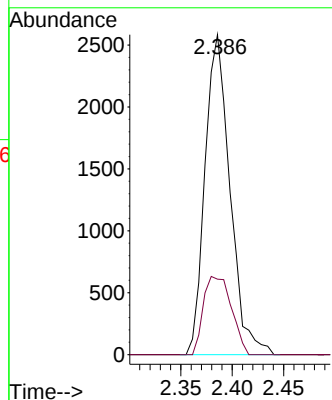
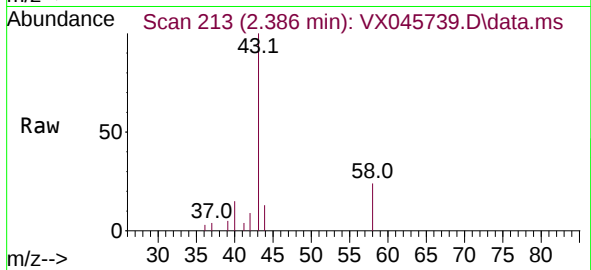




#16
Acetone
Concen: 9.266 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045739.D
Acq: 11 Apr 2025 14:18

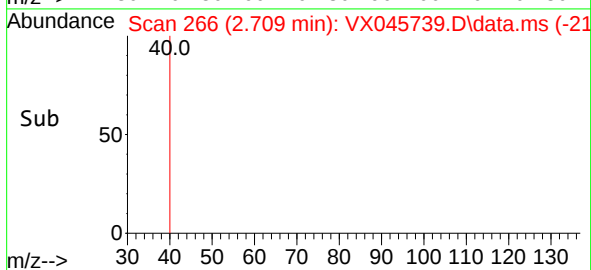
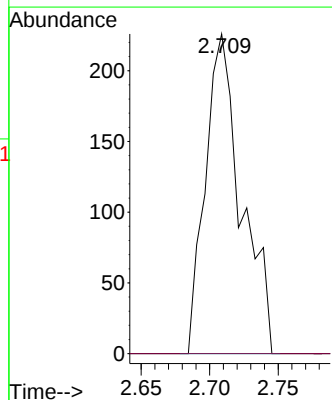
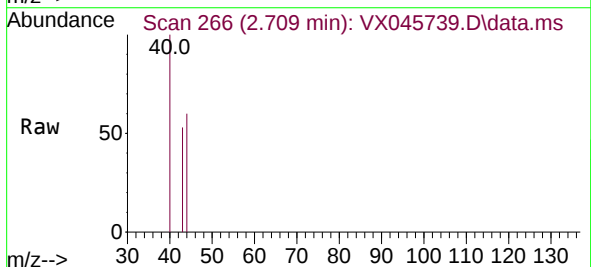
Instrument :
MSVOA_X
ClientSampleId :
FB01-041025

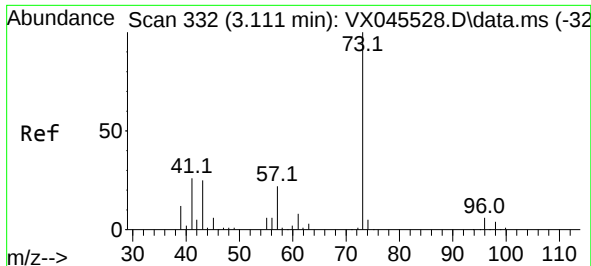
Tgt Ion: 43 Resp: 4372
Ion Ratio Lower Upper
43 100
58 23.6 22.3 33.5



#18
Methyl Acetate
Concen: 0.380 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045739.D
Acq: 11 Apr 2025 14:18

Tgt Ion: 43 Resp: 413
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#

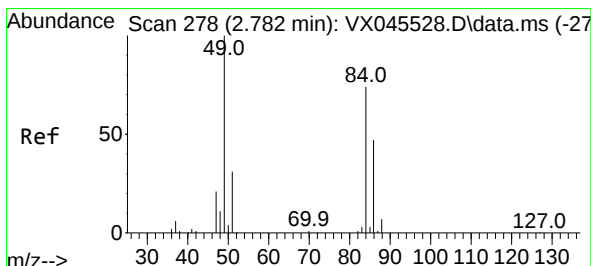
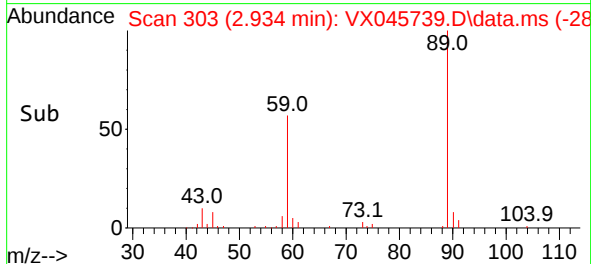
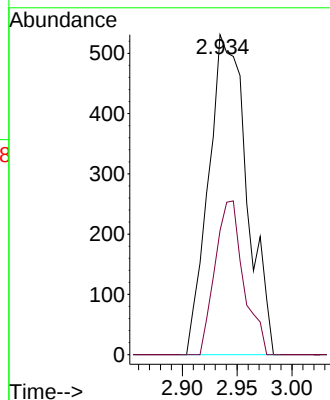
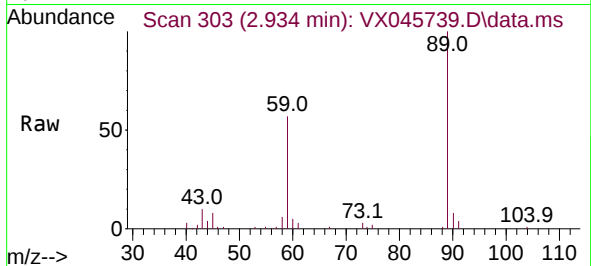




#19
Methyl tert-butyl Ether
Concen: 0.489 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.177 min
Lab File: VX045739.D
Acq: 11 Apr 2025 14:18

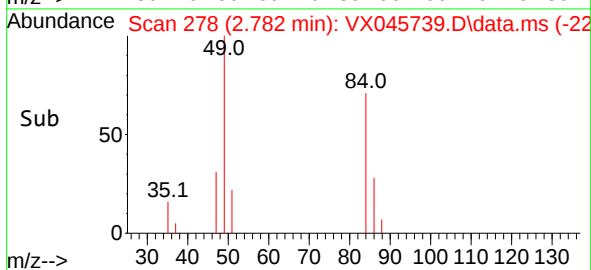
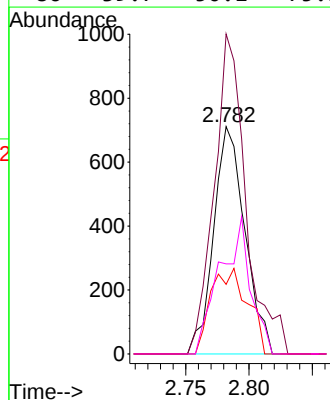
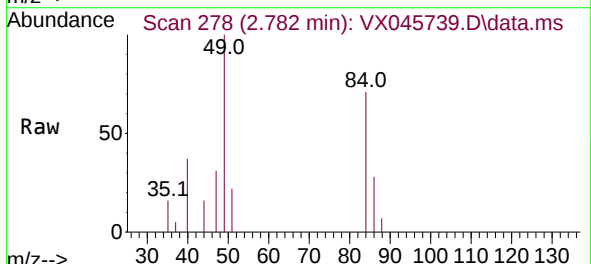
Instrument :
MSVOA_X
ClientSampleId :
FB01-041025

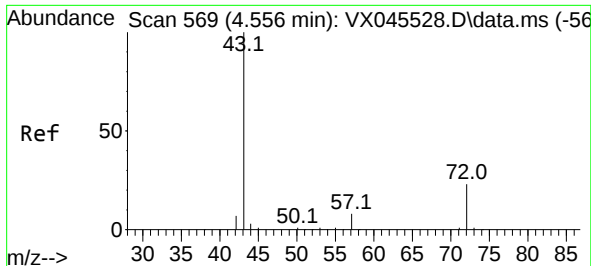
Tgt Ion: 73 Resp: 1290
Ion Ratio Lower Upper
73 100
57 38.8 17.6 26.4#



#20
Methylene Chloride
Concen: 1.387 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045739.D
Acq: 11 Apr 2025 14:18

Tgt Ion: 84 Resp: 1225
Ion Ratio Lower Upper
84 100
49 140.8 107.5 161.3
51 30.7 33.0 49.6#
86 39.7 50.1 75.1#





#25

2-Butanone

Concen: 0.909 ug/l

RT: 4.611 min Scan# 5

Delta R.T. 0.055 min

Lab File: VX045739.D

Acq: 11 Apr 2025 14:18

Instrument :

MSVOA_X

ClientSampleId :

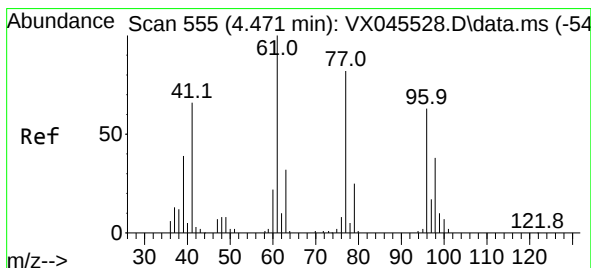
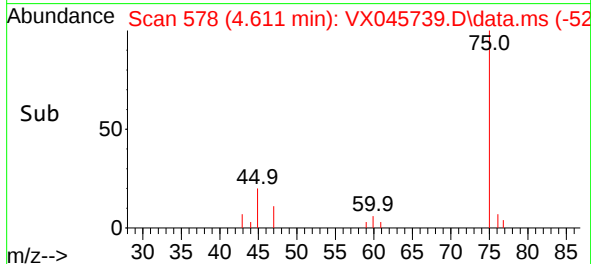
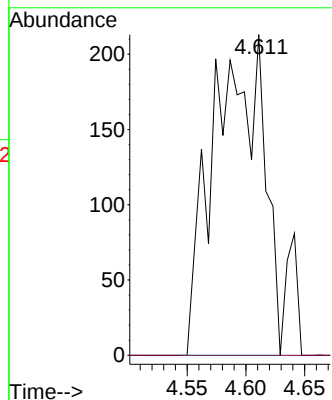
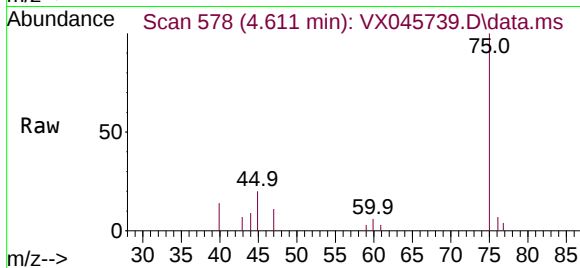
FB01-041025

Tgt Ion: 43 Resp: 628

Ion Ratio Lower Upper

43 100

72 0.0 18.6 28.0#



#26

2,2-Dichloropropane

Concen: 0.528 ug/l

RT: 4.599 min Scan# 576

Delta R.T. 0.128 min

Lab File: VX045739.D

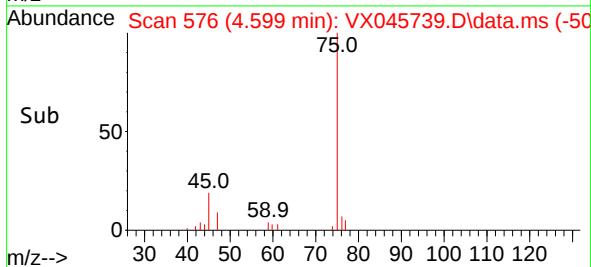
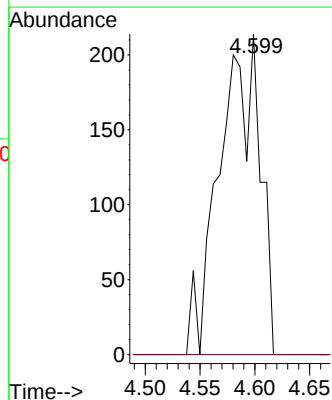
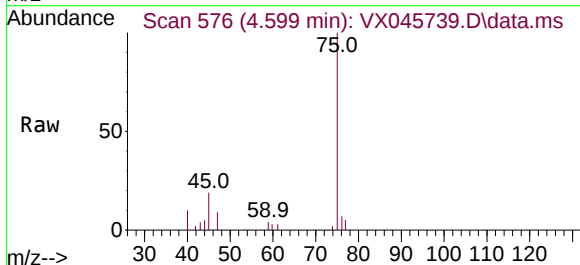
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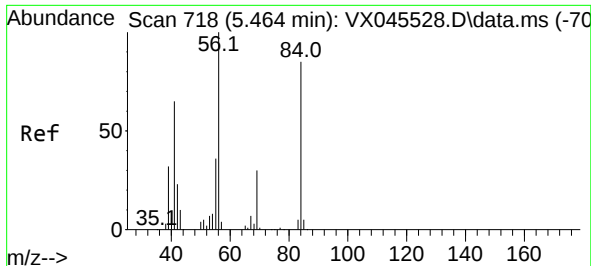
Tgt Ion: 77 Resp: 544

Ion Ratio Lower Upper

77 100

97 0.0 10.6 31.8#

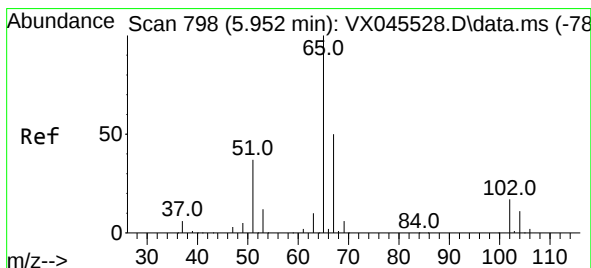
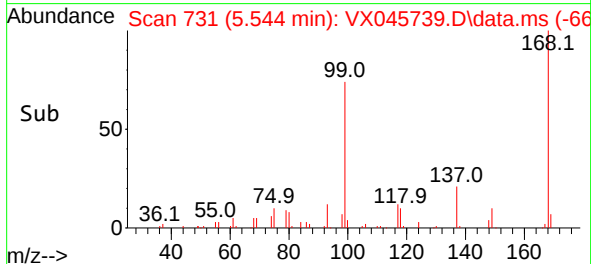
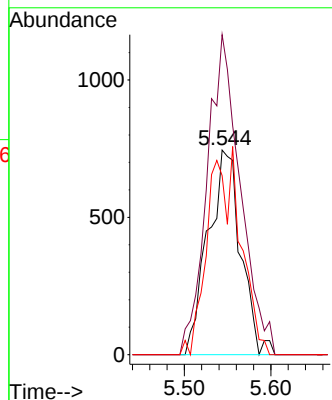
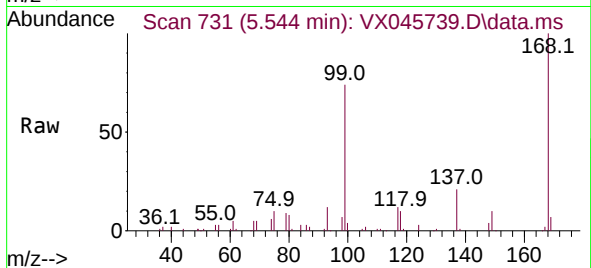




#31
Cyclohexane
Concen: 1.386 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045739.D
Acq: 11 Apr 2025 14:18

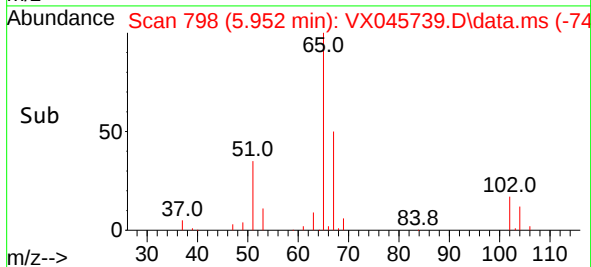
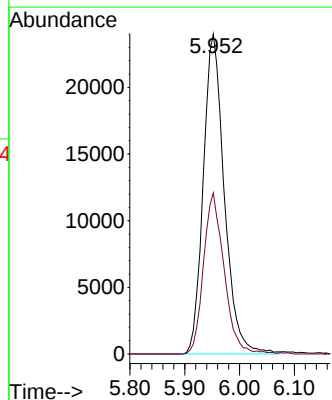
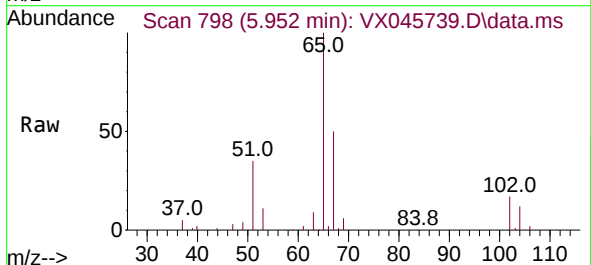
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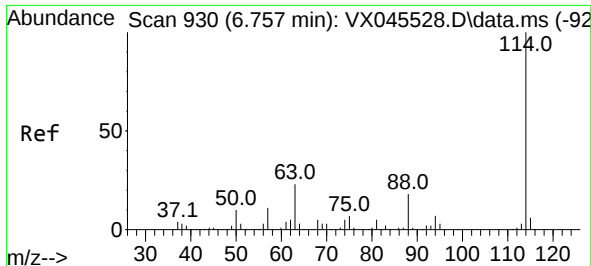
Tgt Ion: 56 Resp: 1953
Ion Ratio Lower Upper
56 100
69 156.4 23.6 35.4#
84 87.5 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 55.577 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045739.D
Acq: 11 Apr 2025 14:18

Tgt Ion: 65 Resp: 63861
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.0

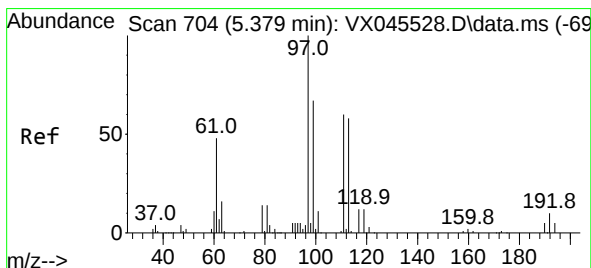
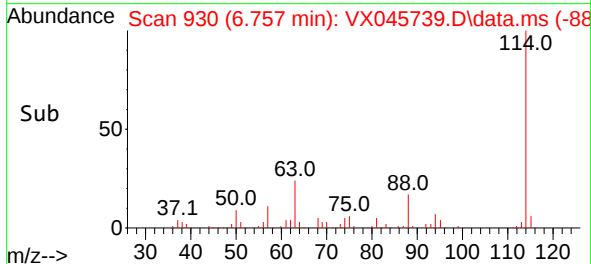
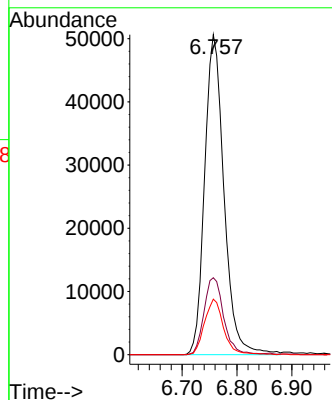
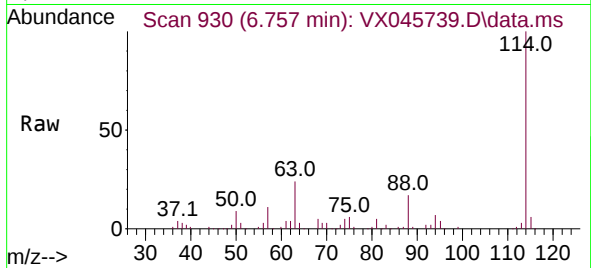




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045739.D
Acq: 11 Apr 2025 14:18

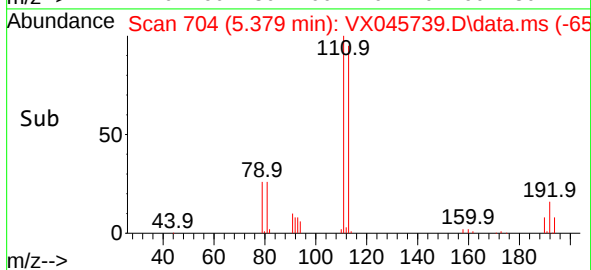
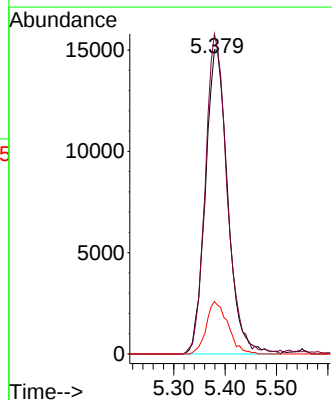
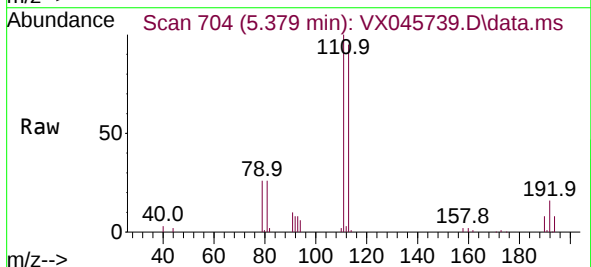
Instrument :
MSVOA_X
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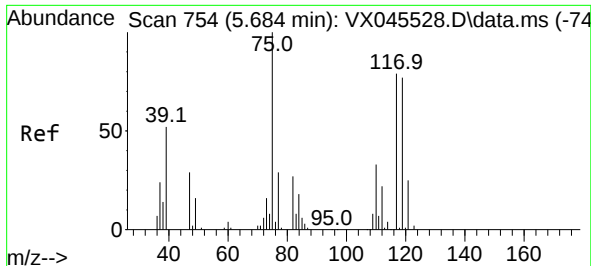
Tgt Ion:114 Resp: 124103
Ion Ratio Lower Upper
114 100
63 24.0 0.0 46.8
88 17.3 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.798 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045739.D
Acq: 11 Apr 2025 14:18

Tgt Ion:113 Resp: 45609
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.6
192 16.5 13.8 20.6

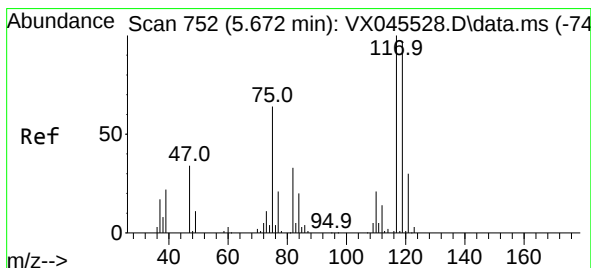
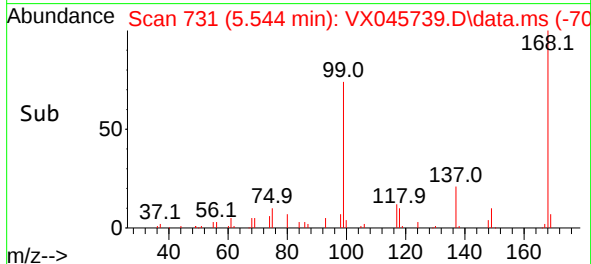
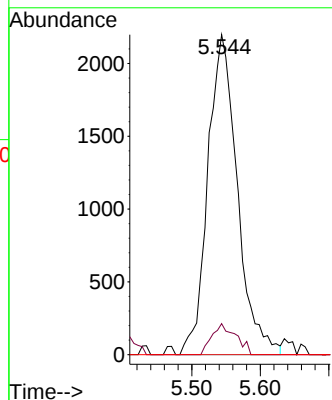
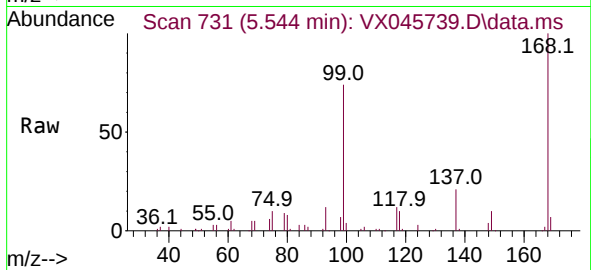




#36
1,1-Dichloropropene
Concen: 5.536 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX045739.D
Acq: 11 Apr 2025 14:18

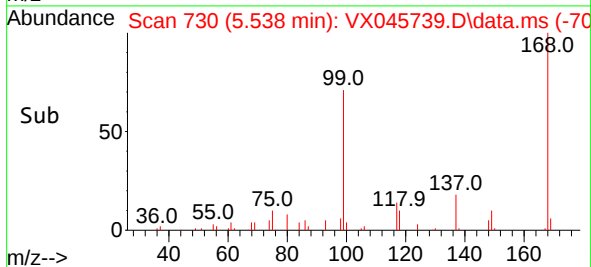
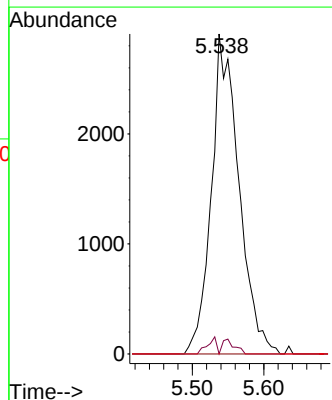
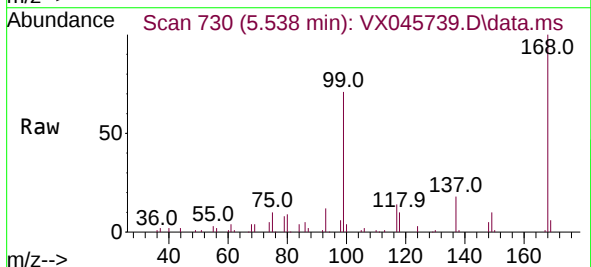
Instrument :
MSVOA_X
ClientSampleId :
FB01-041025

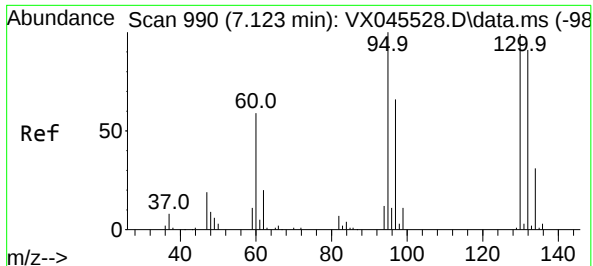
Tgt Ion: 75 Resp: 6582
Ion Ratio Lower Upper
75 100
110 7.9 16.9 50.6#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.042 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX045739.D
Acq: 11 Apr 2025 14:18

Tgt Ion: 117 Resp: 7763
Ion Ratio Lower Upper
117 100
119 0.0 76.9 115.3#
121 0.0 24.2 36.2#

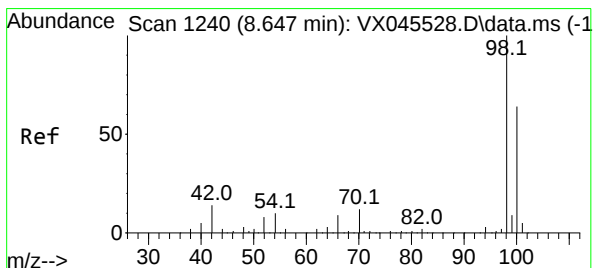
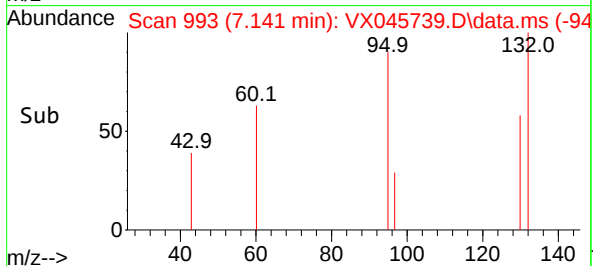
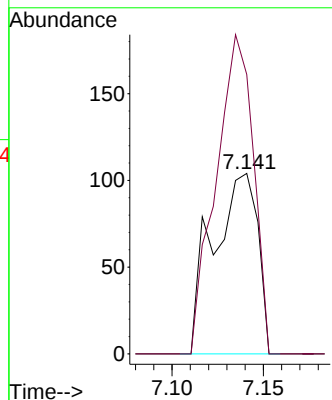
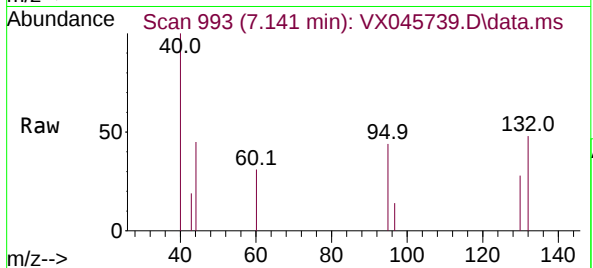




#44
 Trichloroethene
 Concen: 0.204 ug/l
 RT: 7.141 min Scan# 993
 Delta R.T. 0.018 min
 Lab File: VX045739.D
 Acq: 11 Apr 2025 14:18

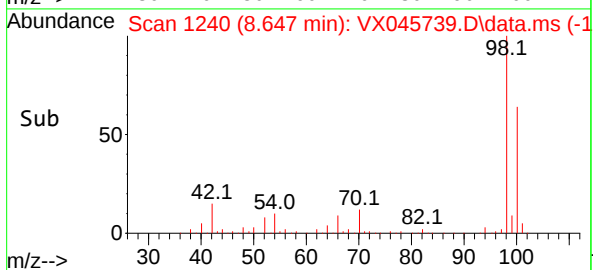
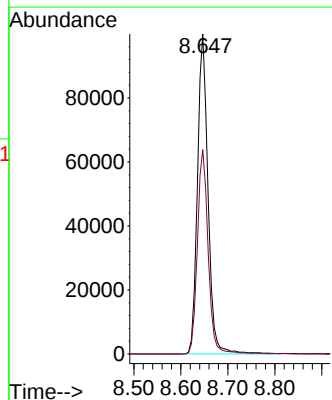
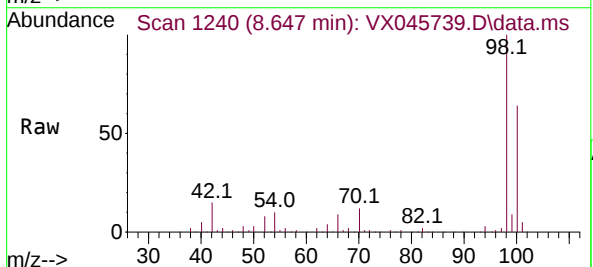
Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-041025

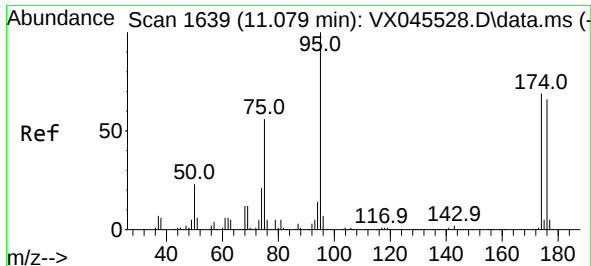
Tgt Ion:130 Resp: 176
 Ion Ratio Lower Upper
 130 100
 95 154.8 0.0 202.0



#50
 Toluene-d8
 Concen: 51.139 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX045739.D
 Acq: 11 Apr 2025 14:18

Tgt Ion: 98 Resp: 157166
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.2 78.4

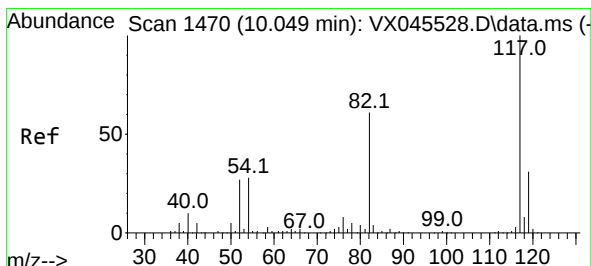
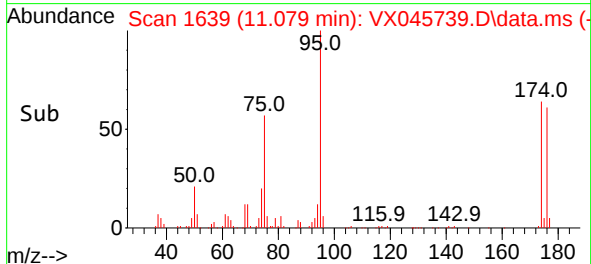
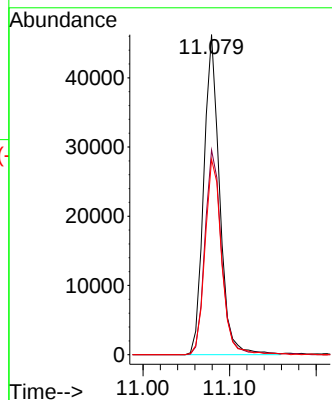
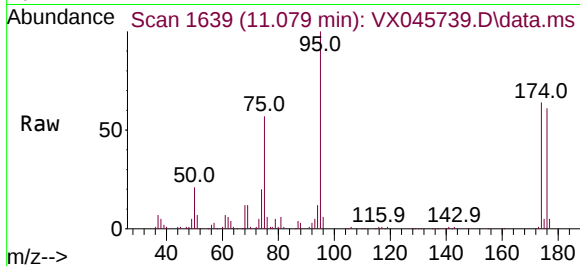




#62
4-Bromofluorobenzene
Concen: 52.378 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045739.D
Acq: 11 Apr 2025 14:18

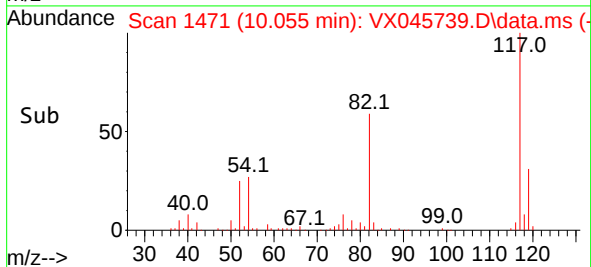
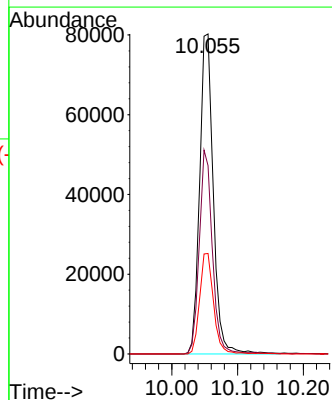
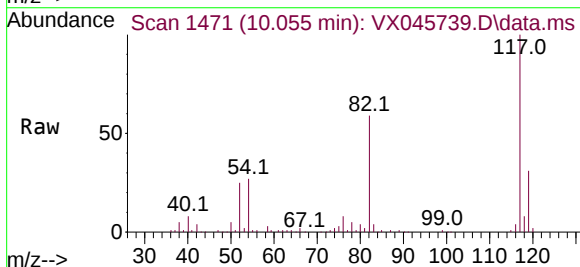
Instrument :
MSVOA_X
ClientSampleId :
FB01-041025

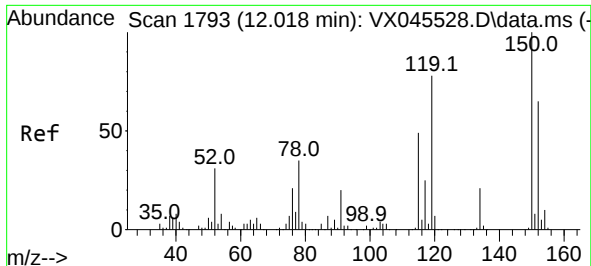
Tgt Ion: 95 Resp: 58635
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.8
176 64.3 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045739.D
Acq: 11 Apr 2025 14:18

Tgt Ion: 117 Resp: 115712
Ion Ratio Lower Upper
117 100
82 58.9 49.2 73.8
119 31.4 25.1 37.7

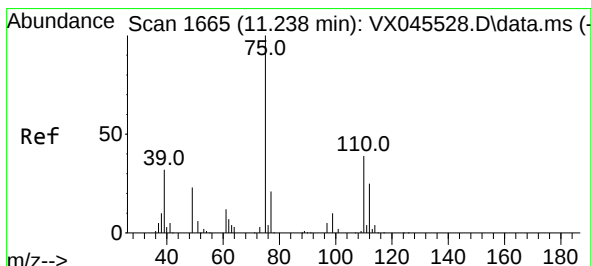
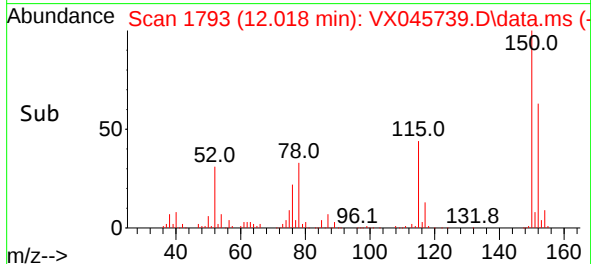
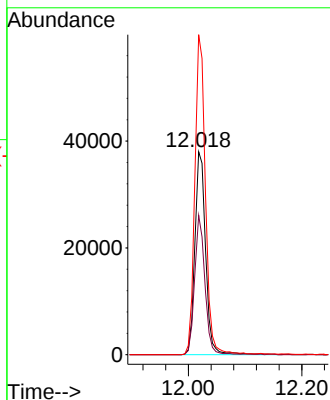
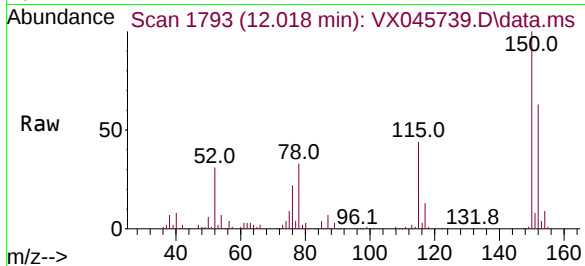




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045739.D
Acq: 11 Apr 2025 14:18

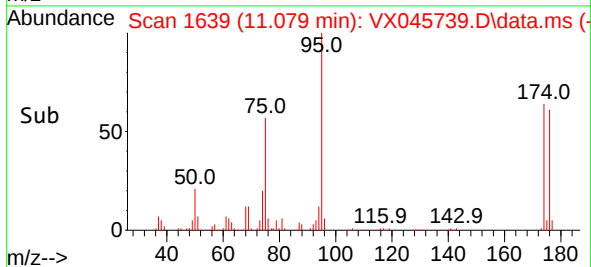
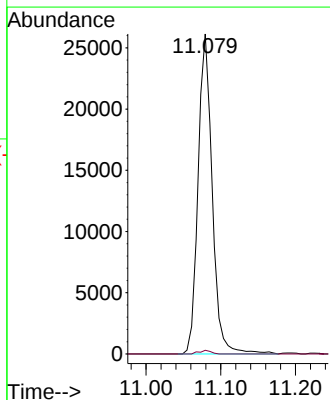
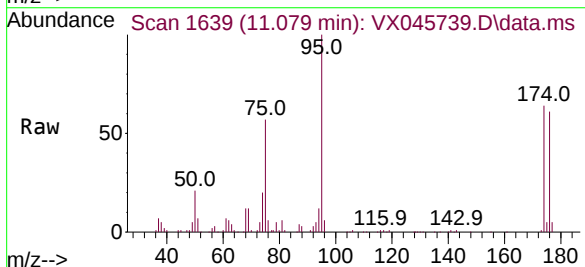
Instrument :
MSVOA_X
ClientSampleId :
FB01-041025

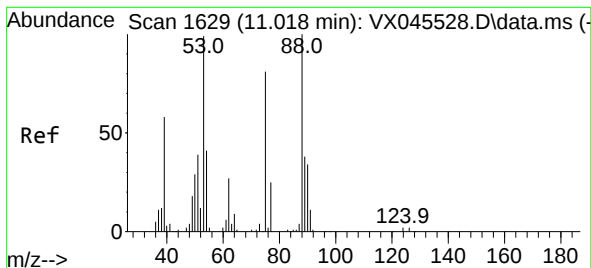
Tgt Ion:152 Resp: 50021
Ion Ratio Lower Upper
152 100
115 65.5 46.9 140.7
150 155.6 0.0 349.4



#76
1,2,3-Trichloropropane
Concen: 28.172 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045739.D
Acq: 11 Apr 2025 14:18

Tgt Ion: 75 Resp: 34374
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.614 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045739.D
 Acq: 11 Apr 2025 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-041025

Tgt Ion: 75 Resp: 34374
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#

