

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045361.D
 Acq On : 20 Mar 2025 15:13
 Operator : JC/MD
 Sample : Q1582-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB02-20250313

Quant Time: Mar 21 01:49:11 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	5.543	168	71202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138215	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49435	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63283	55.875	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.760%
35) Dibromofluoromethane	5.385	113	47926	51.856	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.720%
50) Toluene-d8	8.646	98	173113	51.667	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.340%
62) 4-Bromofluorobenzene	11.079	95	57728	51.994	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.980%

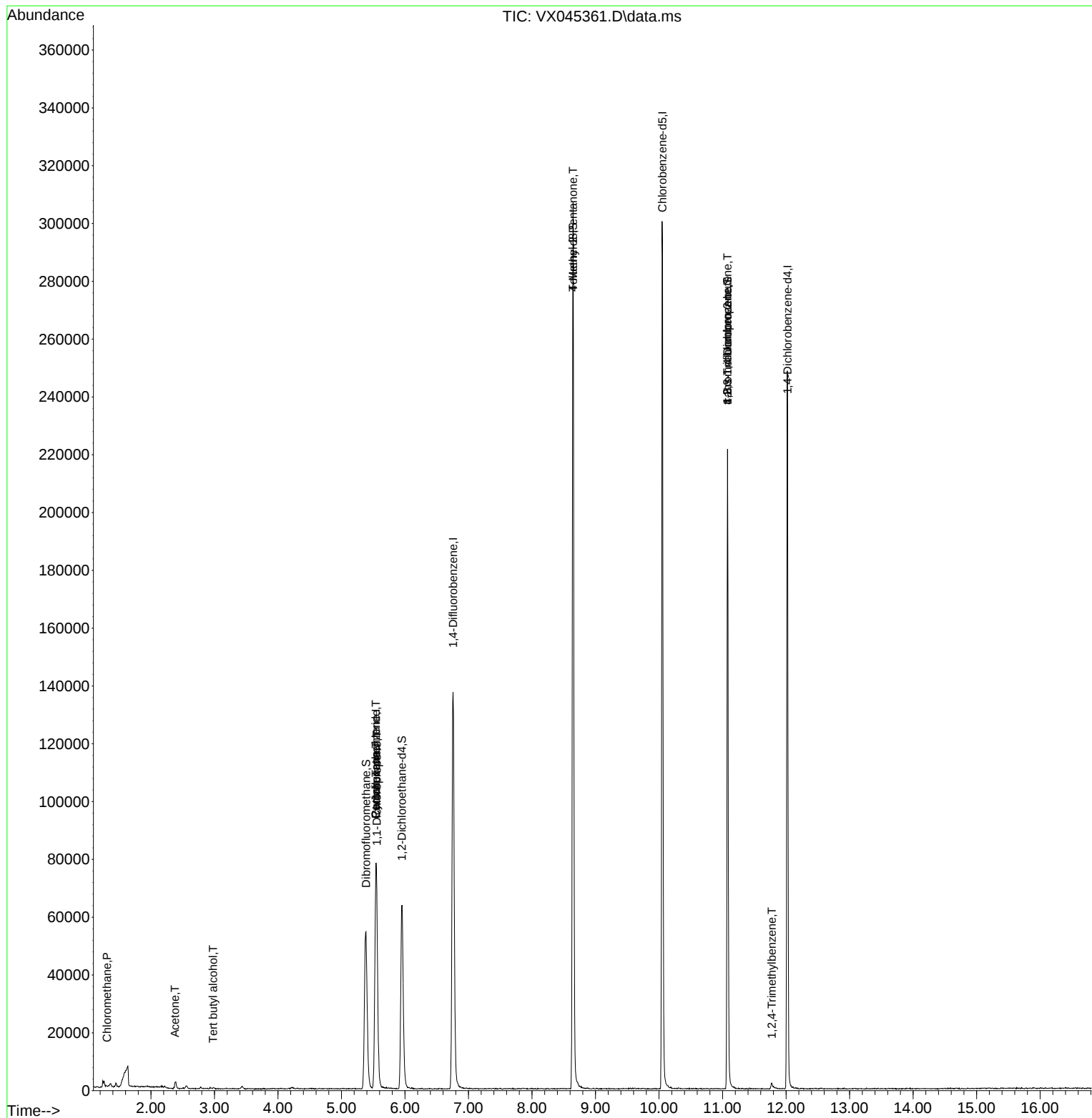
Target Compounds					Qvalue	
3) Chloromethane	1.306	50	428	0.390	ug/l #	43
11) Tert butyl alcohol	2.977	59	473	2.205	ug/l #	73
16) Acetone	2.379	43	2813	5.353	ug/l	97
31) Cyclohexane	5.543	56	1991	1.292	ug/l #	23
36) 1,1-Dichloropropene	5.556	75	6487	5.118	ug/l #	51
38) Carbon Tetrachloride	5.543	117	7921	6.156	ug/l #	17
51) 4-Methyl-2-Pentanone	8.646	43	932	0.575	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32163	27.953	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32163	95.661	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.774	105	844	0.269	ug/l #	32

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

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Instrument :
MSVOA_X
ClientSampleId :
FB02-20250313

Quant Time: Mar 21 01:49:11 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

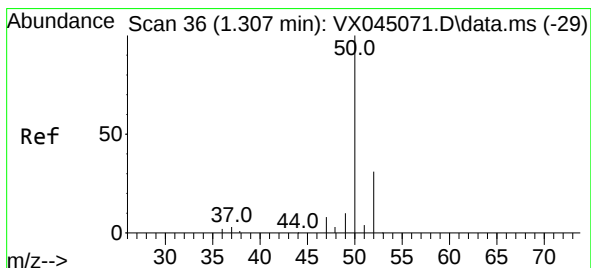
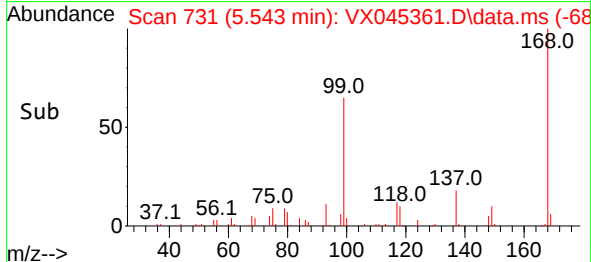
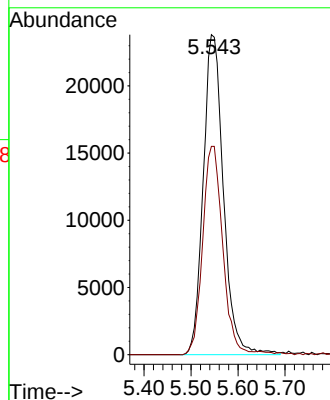
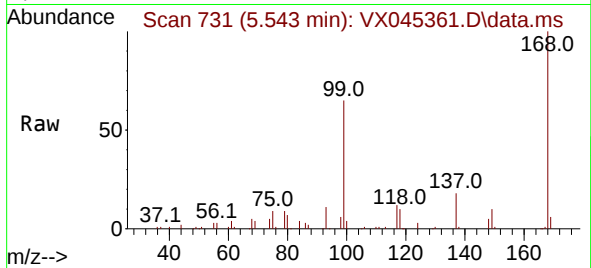




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX045361.D
Acq: 20 Mar 2025 15:13

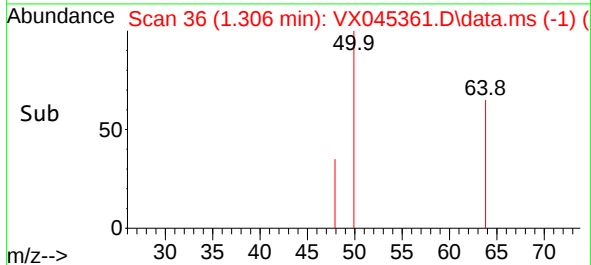
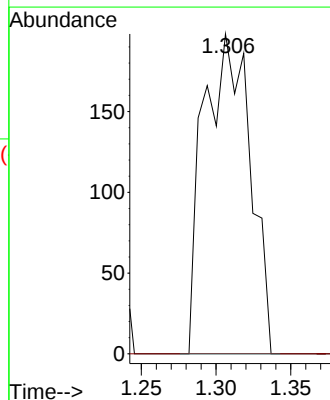
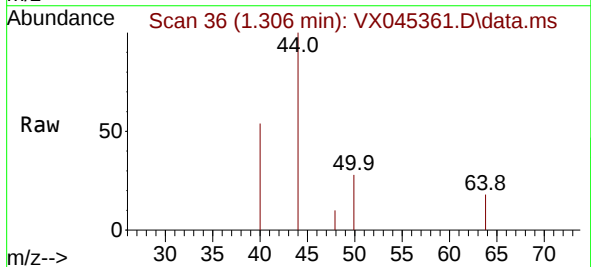
Instrument :
MSVOA_X
ClientSampleId :
FB02-20250313

Tgt Ion:168 Resp: 71202
Ion Ratio Lower Upper
168 100
99 65.1 48.2 72.4



#3
Chloromethane
Concen: 0.390 ug/l
RT: 1.306 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX045361.D
Acq: 20 Mar 2025 15:13

Tgt Ion: 50 Resp: 428
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

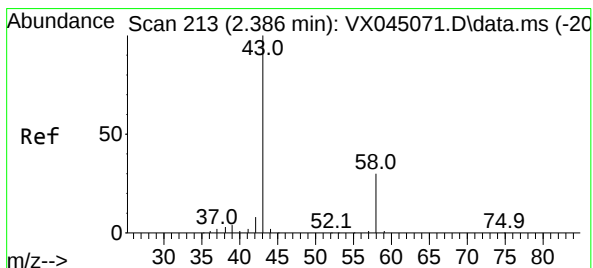
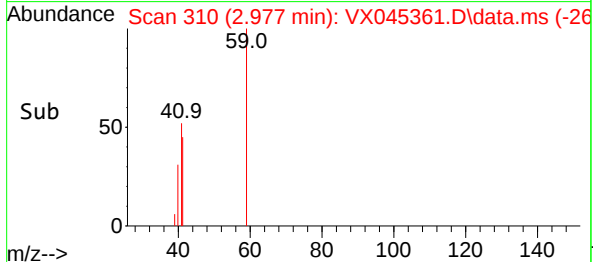
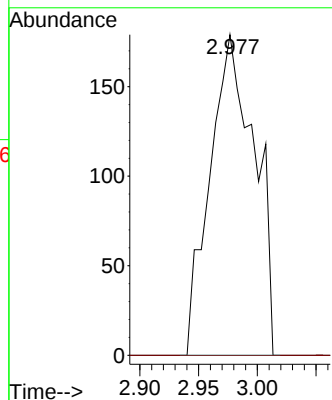
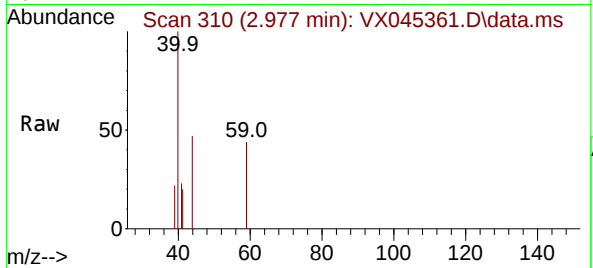




#11
Tert butyl alcohol
Concen: 2.205 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045361.D
Acq: 20 Mar 2025 15:13

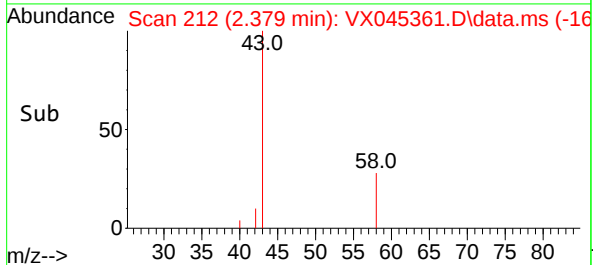
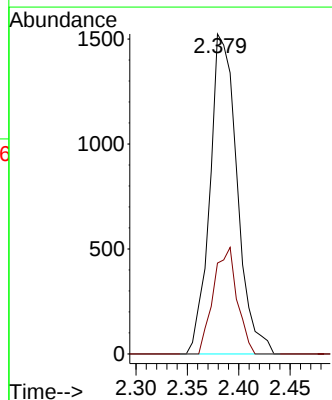
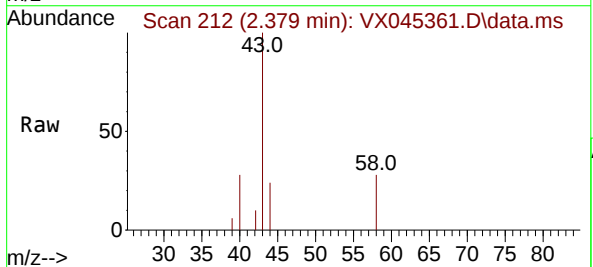
Instrument :
MSVOA_X
ClientSampleId :
FB02-20250313

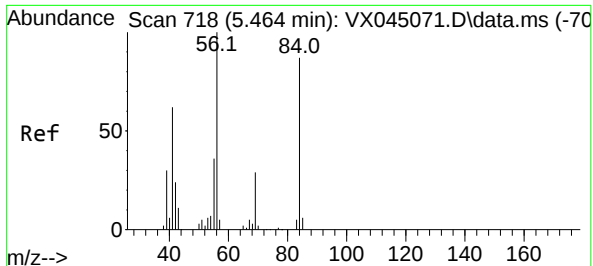
Tgt Ion: 59 Resp: 473
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 5.353 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045361.D
Acq: 20 Mar 2025 15:13

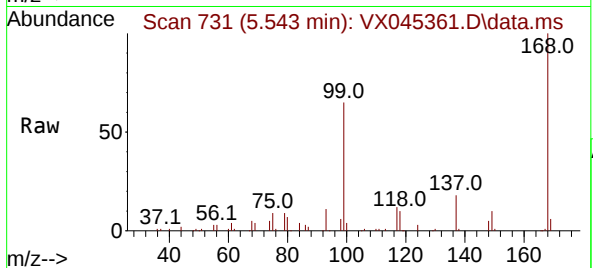
Tgt Ion: 43 Resp: 2813
Ion Ratio Lower Upper
43 100
58 28.4 24.2 36.4



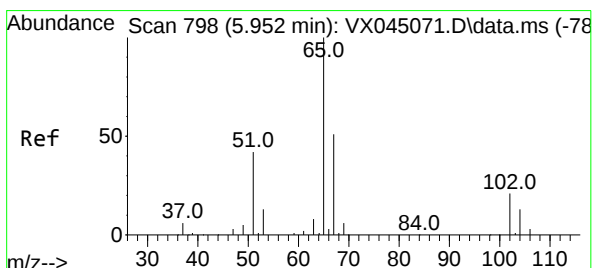
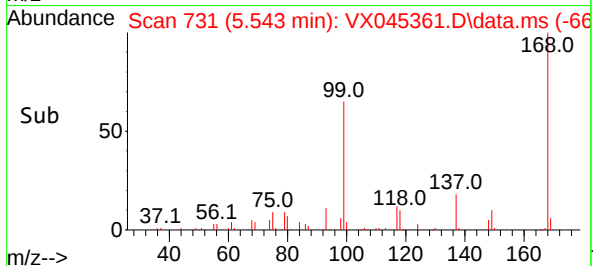
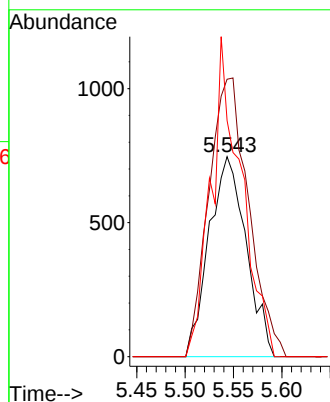


#31
Cyclohexane
Concen: 1.292 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045361.D
Acq: 20 Mar 2025 15:13

Instrument :
MSVOA_X
ClientSampleId :
FB02-20250313

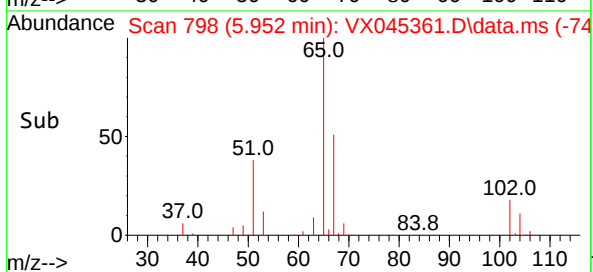
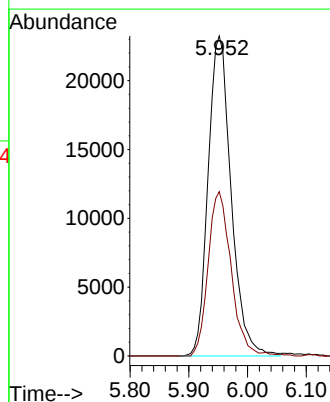
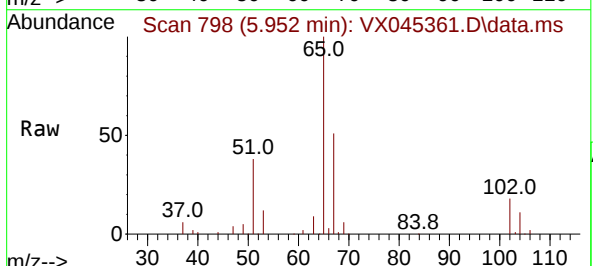


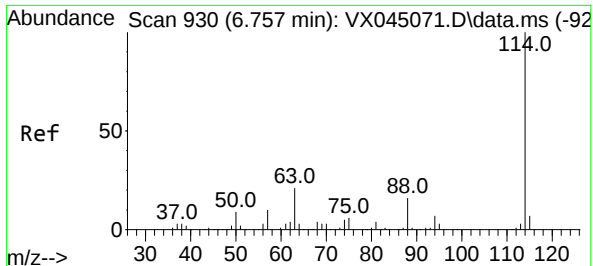
Tgt Ion: 56 Resp: 1991
Ion Ratio Lower Upper
56 100
69 138.7 23.4 35.2#
84 118.1 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 55.875 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045361.D
Acq: 20 Mar 2025 15:13

Tgt Ion: 65 Resp: 63283
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.2

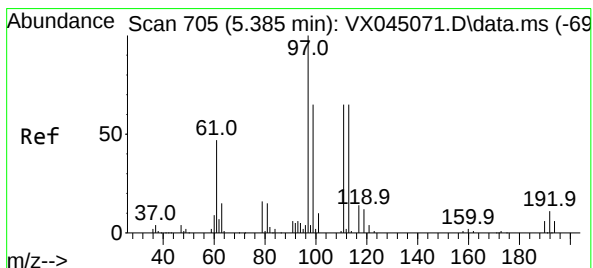
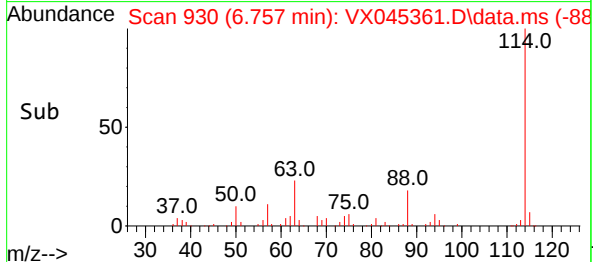
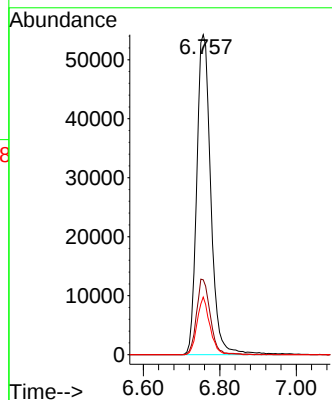
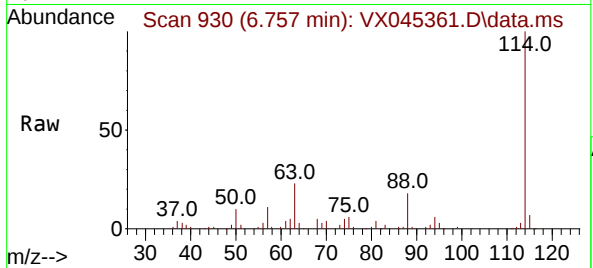




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045361.D
Acq: 20 Mar 2025 15:13

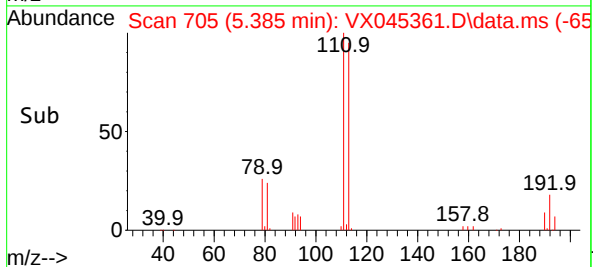
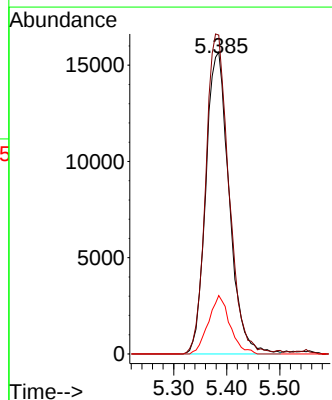
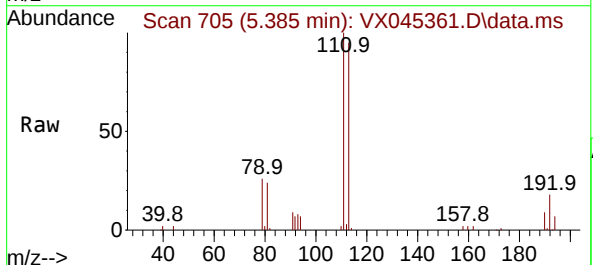
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ClientSampleId :
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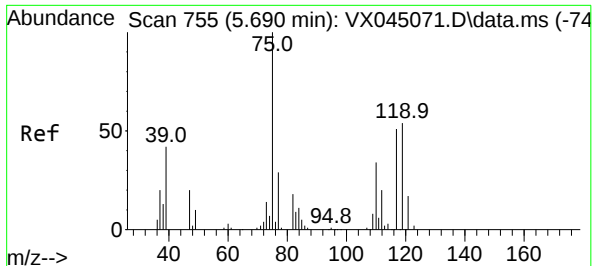
Tgt Ion:114 Resp: 138215
Ion Ratio Lower Upper
114 100
63 23.4 0.0 41.8
88 18.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.856 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045361.D
Acq: 20 Mar 2025 15:13

Tgt Ion:113 Resp: 47926
Ion Ratio Lower Upper
113 100
111 105.2 81.8 122.6
192 17.8 14.3 21.5

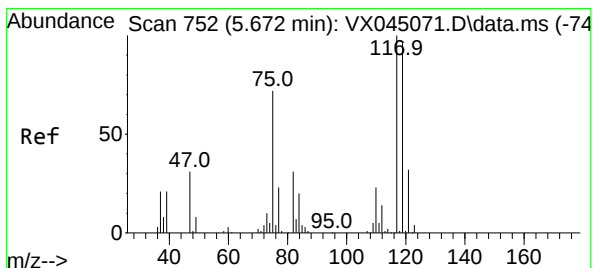
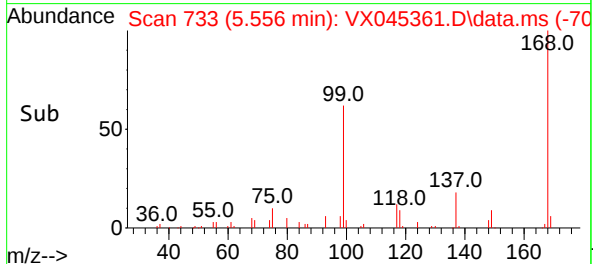
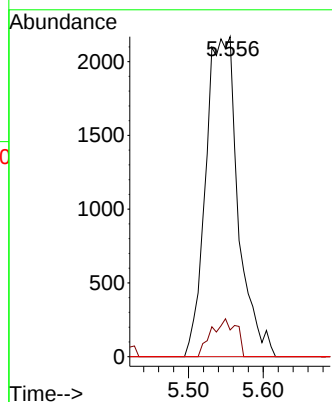
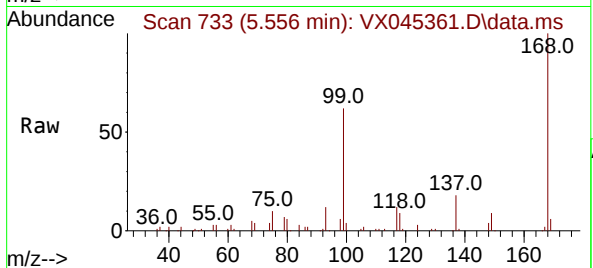




#36
1,1-Dichloropropene
Concen: 5.118 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.135 min
Lab File: VX045361.D
Acq: 20 Mar 2025 15:13

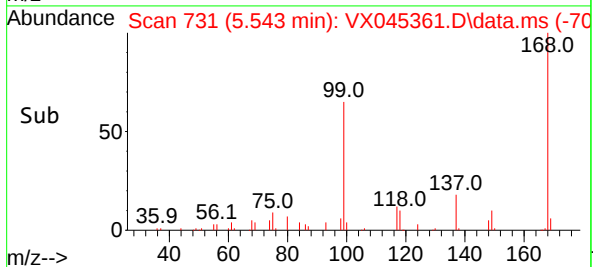
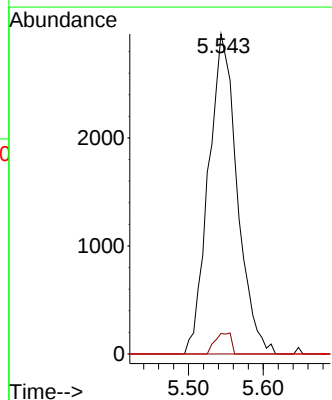
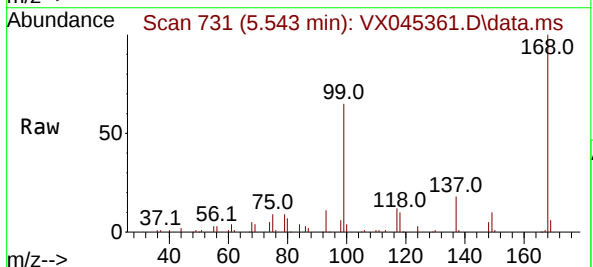
Instrument :
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ClientSampleId :
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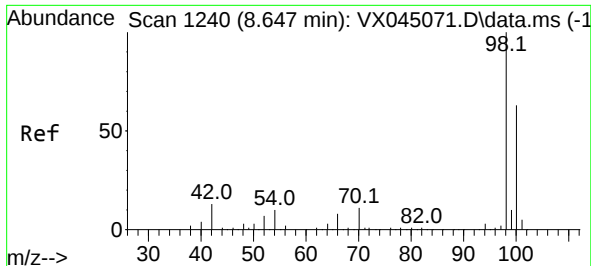
Tgt Ion: 75 Resp: 6487
Ion Ratio Lower Upper
75 100
110 9.2 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.156 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX045361.D
Acq: 20 Mar 2025 15:13

Tgt Ion: 117 Resp: 7921
Ion Ratio Lower Upper
117 100
119 6.4 76.7 115.1#
121 0.0 25.5 38.3#

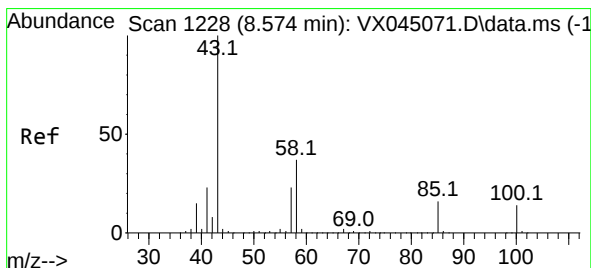
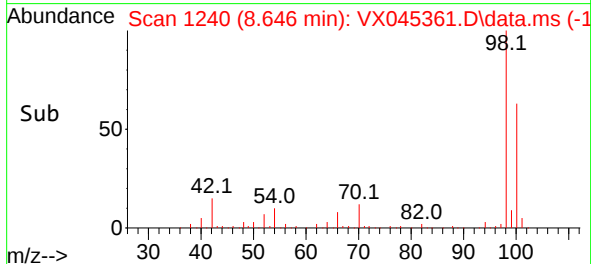
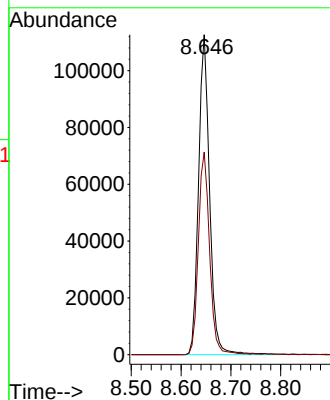
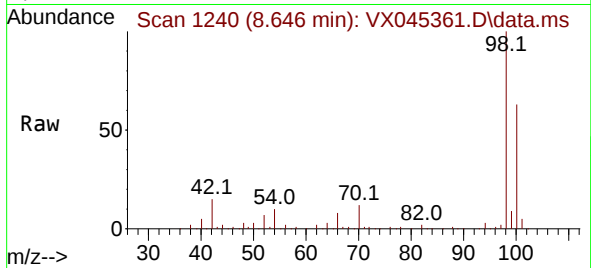




#50
Toluene-d8
Concen: 51.667 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045361.D
Acq: 20 Mar 2025 15:13

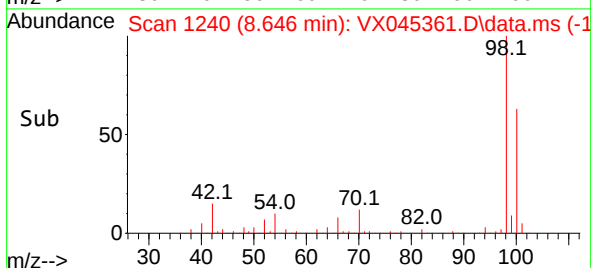
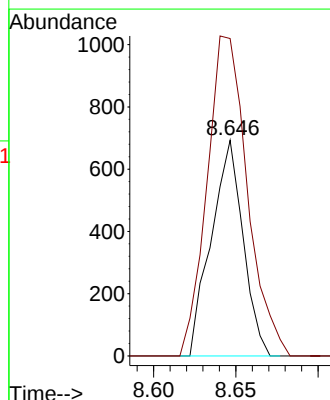
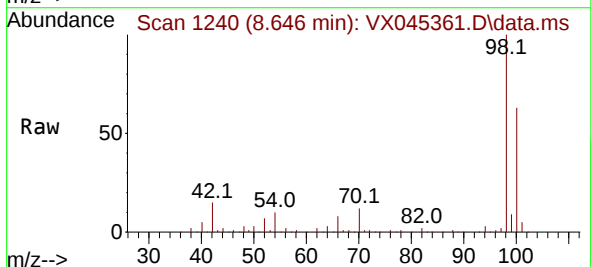
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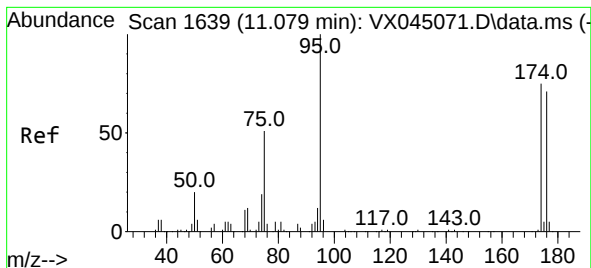
Tgt Ion: 98 Resp: 173113
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.575 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045361.D
Acq: 20 Mar 2025 15:13

Tgt Ion: 43 Resp: 932
Ion Ratio Lower Upper
43 100
58 188.1 29.2 43.8#

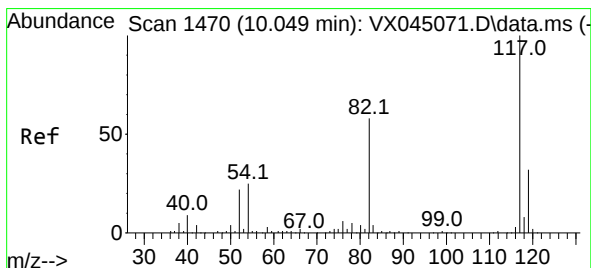
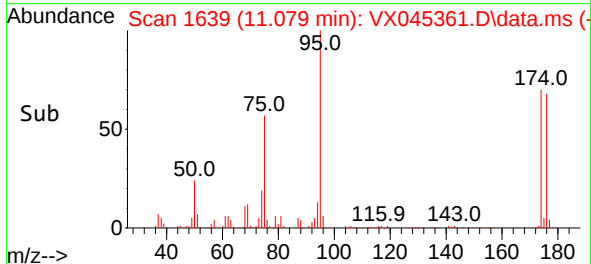
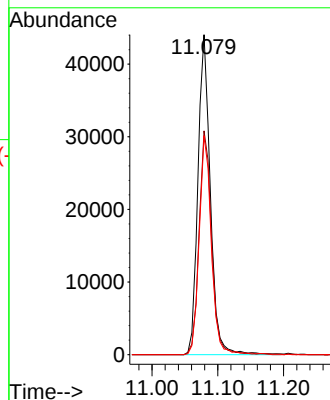
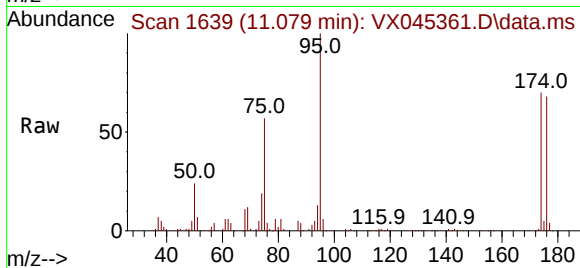




#62
4-Bromofluorobenzene
Concen: 51.994 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045361.D
Acq: 20 Mar 2025 15:13

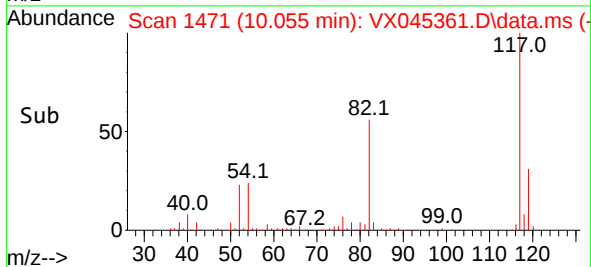
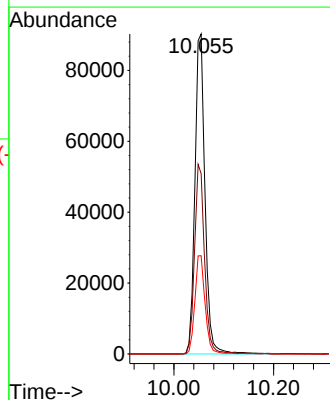
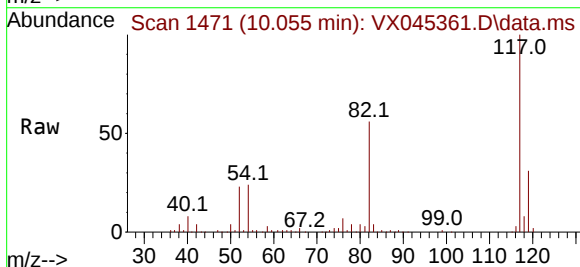
Instrument :
MSVOA_X
ClientSampleId :
FB02-20250313

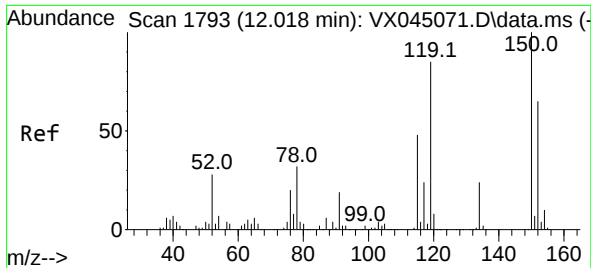
Tgt Ion: 95 Resp: 57728
Ion Ratio Lower Upper
95 100
174 71.4 0.0 148.2
176 67.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045361.D
Acq: 20 Mar 2025 15:13

Tgt Ion: 117 Resp: 126962
Ion Ratio Lower Upper
117 100
82 56.3 46.3 69.5
119 30.7 25.7 38.5

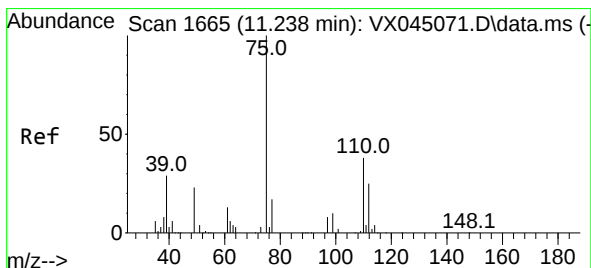
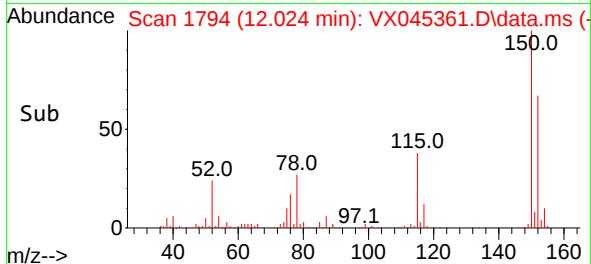
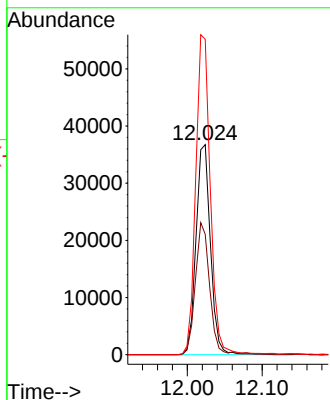
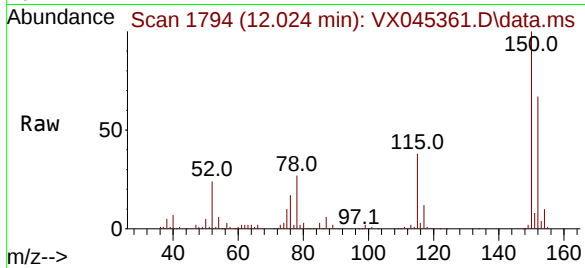




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045361.D
Acq: 20 Mar 2025 15:13

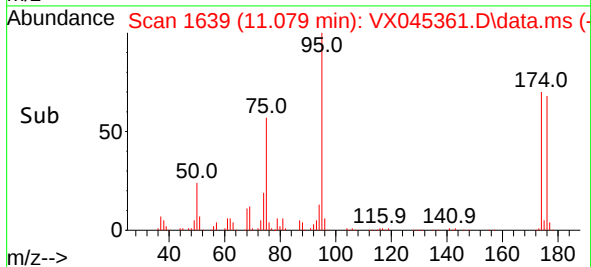
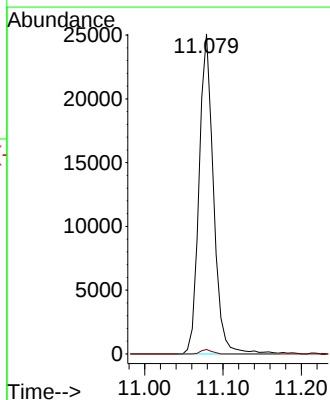
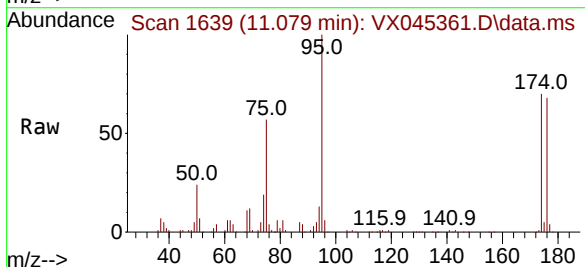
Instrument :
MSVOA_X
ClientSampleId :
FB02-20250313

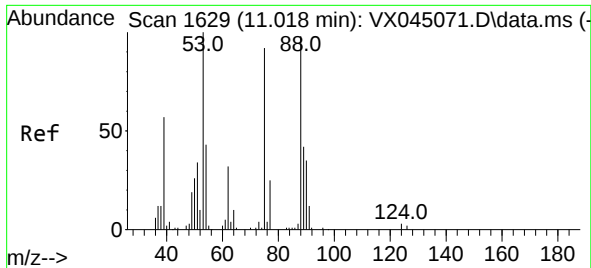
Tgt Ion:152 Resp: 49435
Ion Ratio Lower Upper
152 100
115 61.9 44.2 132.6
150 153.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.953 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045361.D
Acq: 20 Mar 2025 15:13

Tgt Ion: 75 Resp: 32163
Ion Ratio Lower Upper
75 100
77 1.1 20.7 62.1#

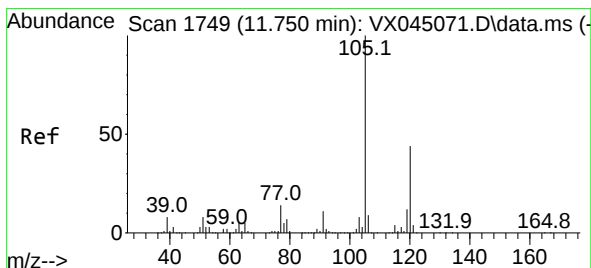
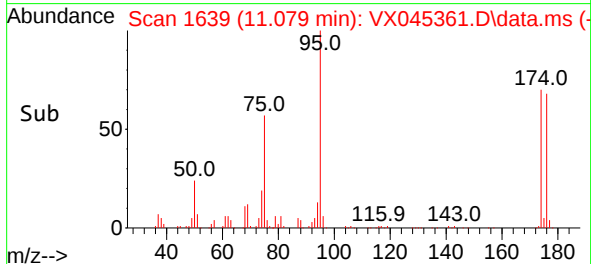
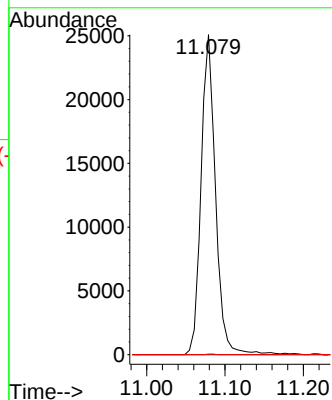
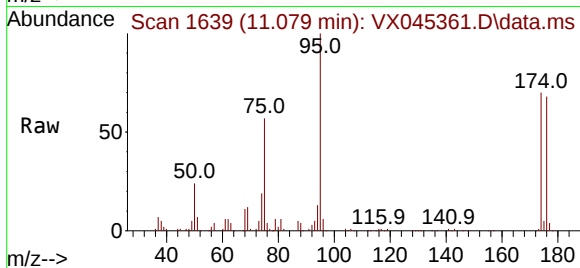




#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.661 ug/l
 RT: 11.079 min Scan# 1753
 Delta R.T. 0.061 min
 Lab File: VX045361.D
 Acq: 20 Mar 2025 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FB02-20250313

Tgt Ion: 75 Resp: 32163
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.1 36.2 54.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.269 ug/l
 RT: 11.774 min Scan# 1753
 Delta R.T. 0.024 min
 Lab File: VX045361.D
 Acq: 20 Mar 2025 15:13

Tgt Ion: 105 Resp: 844
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.1 66.1#

