

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
 Data File : VX045666.D
 Acq On : 09 Apr 2025 11:26
 Operator : JC/MD
 Sample : VX0409WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBL01

Quant Time: Apr 10 01:33:38 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	69921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138334	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50474	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68376	53.474	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.940%
35) Dibromofluoromethane	5.379	113	50392	51.343	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.680%
50) Toluene-d8	8.647	98	172860	50.459	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.920%
62) 4-Bromofluorobenzene	11.079	95	62262	49.896	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.800%

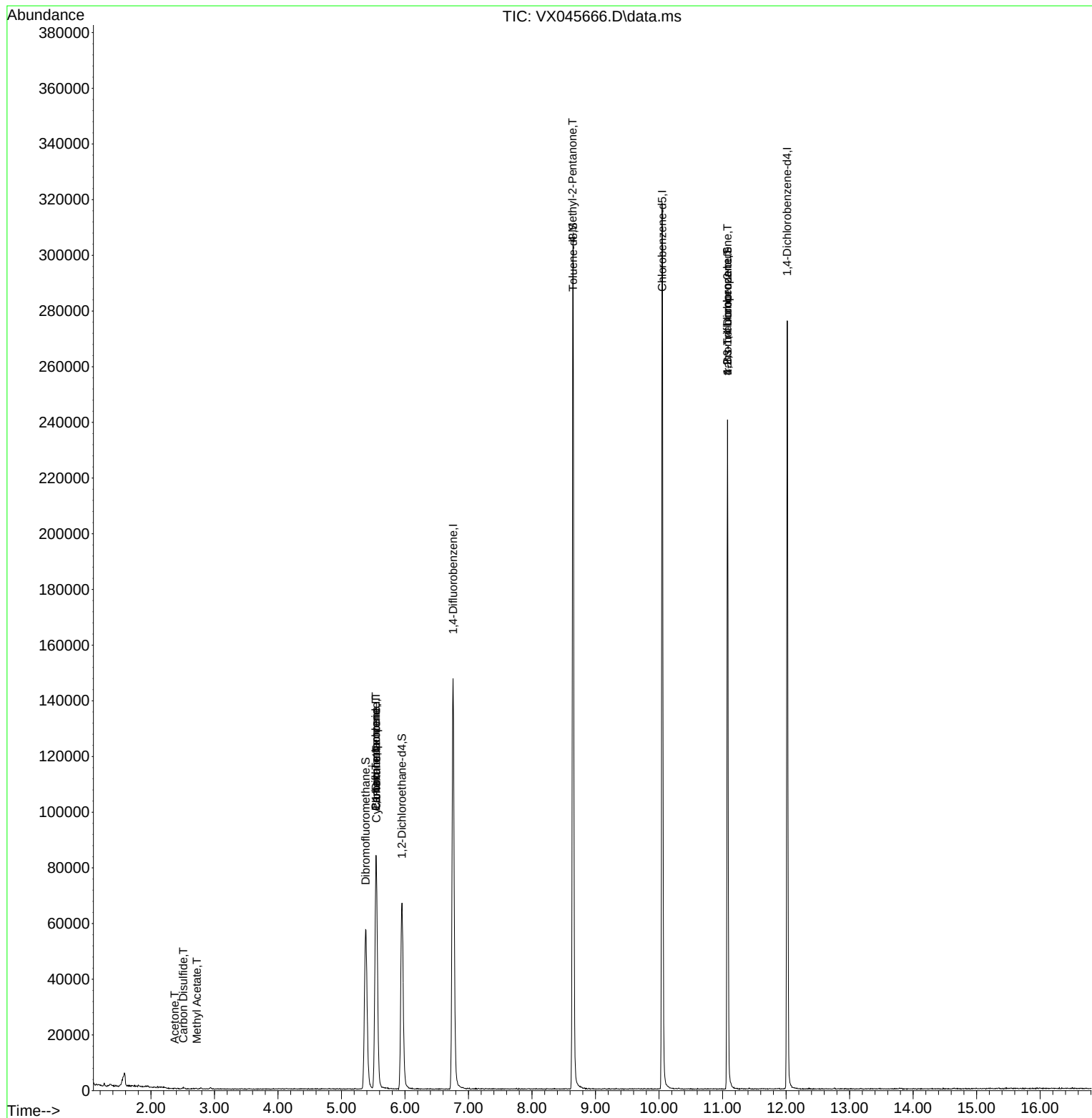
Target Compounds					Qvalue	
16) Acetone	2.373	43	235	0.448	ug/l #	47
17) Carbon Disulfide	2.508	76	493	0.238	ug/l #	76
18) Methyl Acetate	2.721	43	274	0.227	ug/l #	54
31) Cyclohexane	5.550	56	2251	1.435	ug/l #	46
36) 1,1-Dichloropropene	5.544	75	7020	5.297	ug/l #	51
38) Carbon Tetrachloride	5.544	117	8295	5.792	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	972	0.579	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36097	29.319	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36097	99.505	ug/l #	1

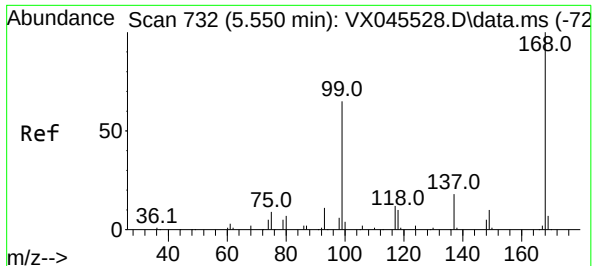
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

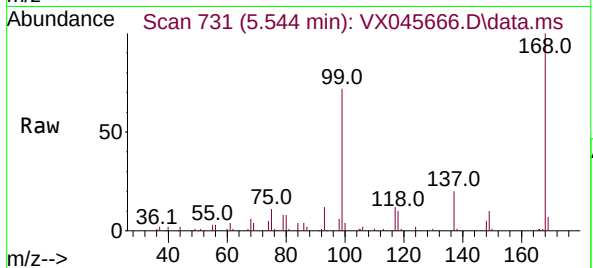
Quant Time: Apr 10 01:33:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



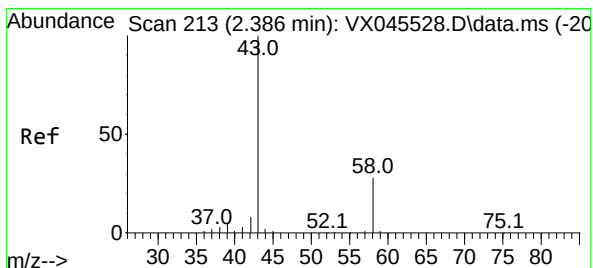
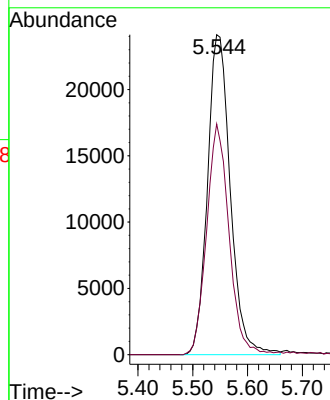
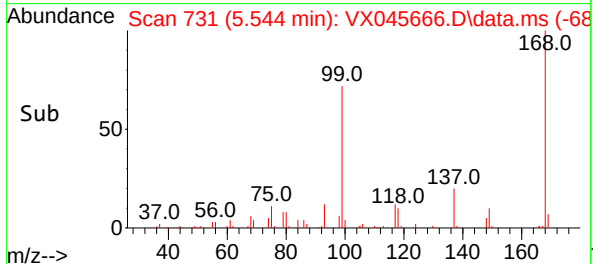


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

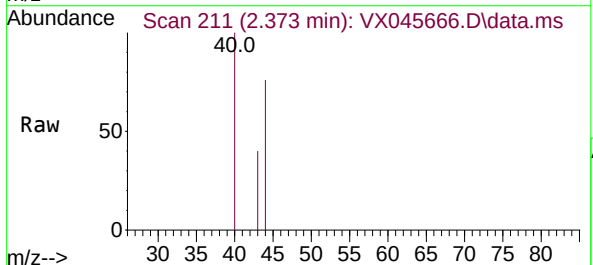
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01



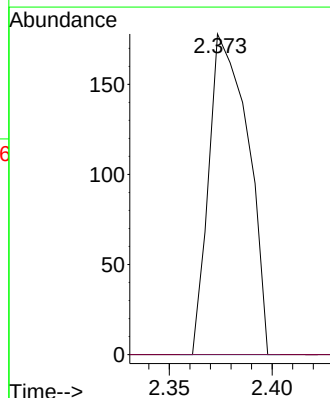
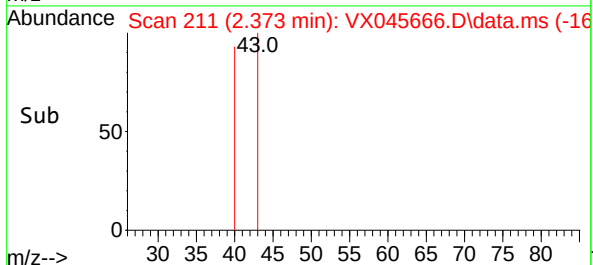
Tgt Ion:168 Resp: 69921
Ion Ratio Lower Upper
168 100
99 72.1 52.3 78.5

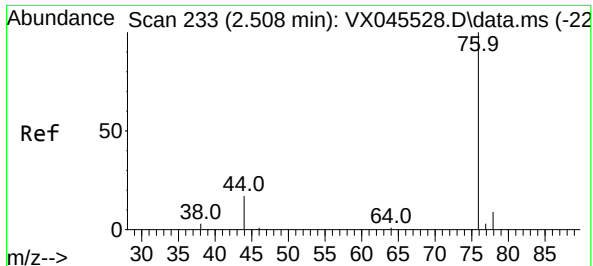


#16
Acetone
Concen: 0.448 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26



Tgt Ion: 43 Resp: 235
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#

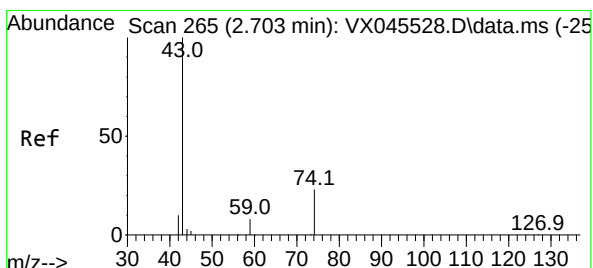
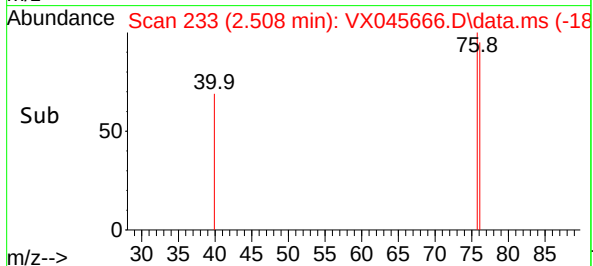
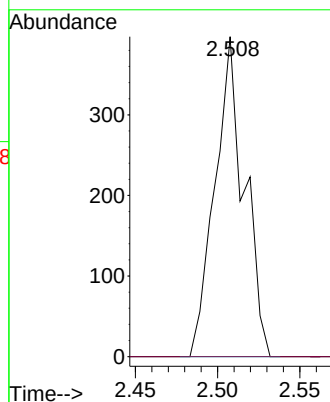
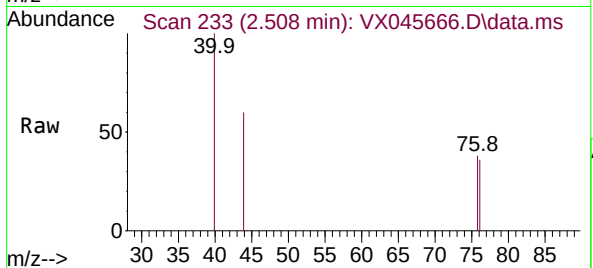




#17
Carbon Disulfide
Concen: 0.238 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

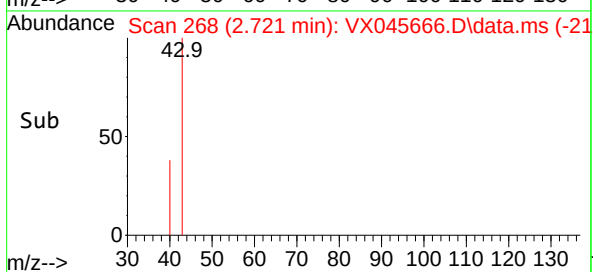
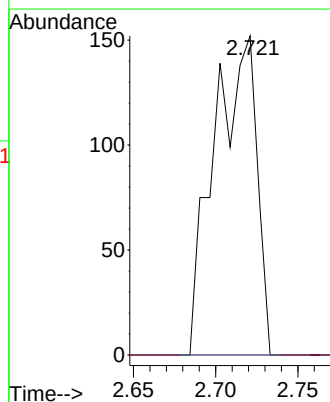
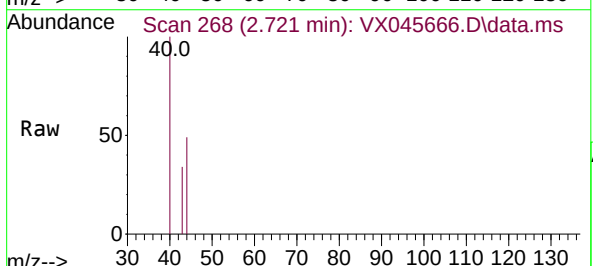
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

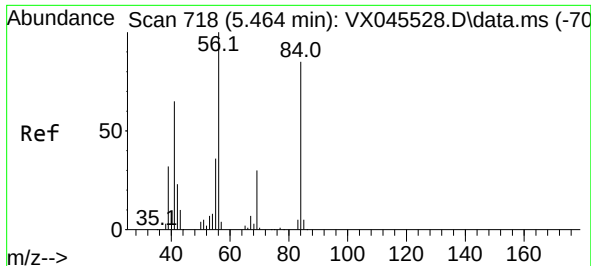
Tgt Ion: 76 Resp: 493
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 0.227 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.018 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

Tgt Ion: 43 Resp: 274
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#

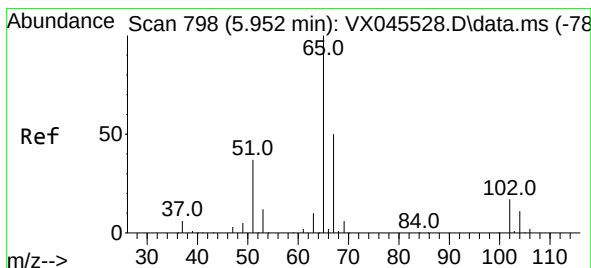
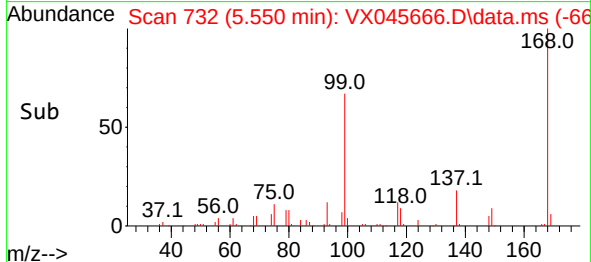
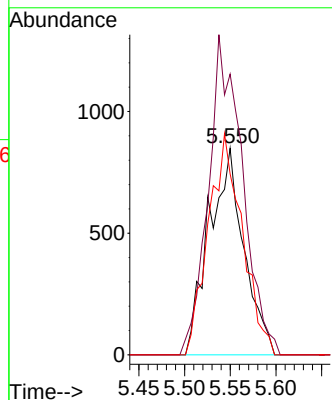
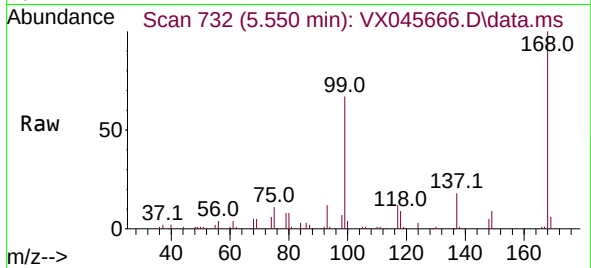




#31
Cyclohexane
Concen: 1.435 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

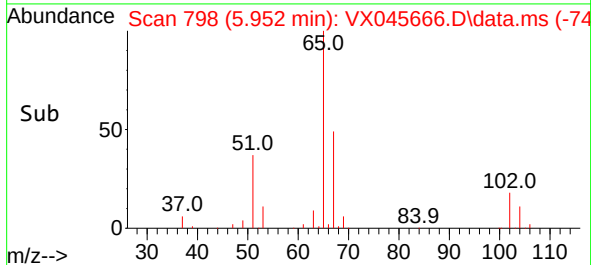
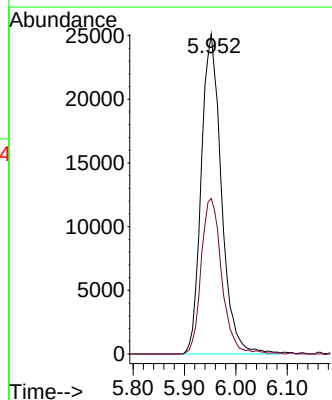
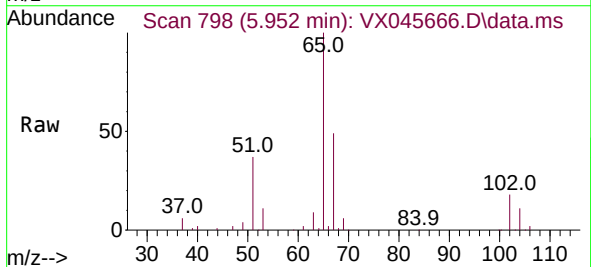
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

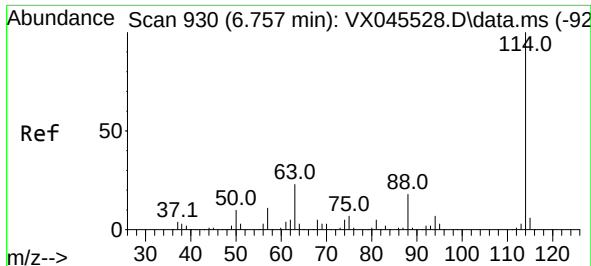
Tgt Ion: 56 Resp: 2251
Ion Ratio Lower Upper
56 100
69 135.9 23.6 35.4#
84 87.6 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 53.474 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

Tgt Ion: 65 Resp: 68376
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.0

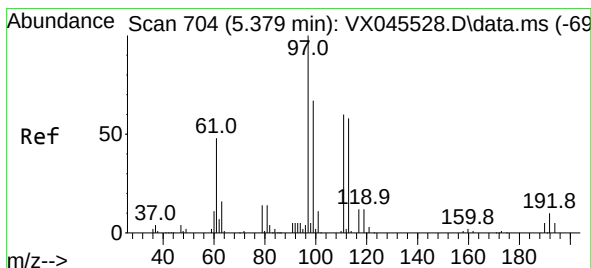
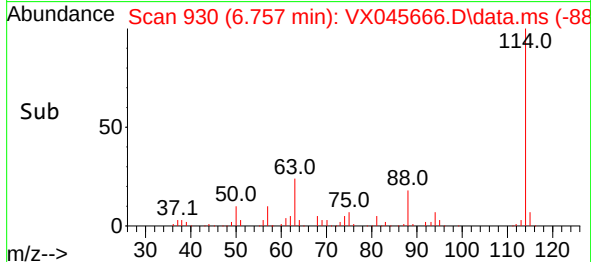
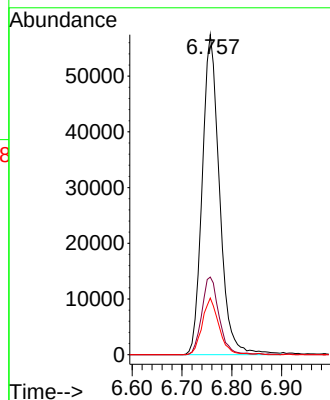
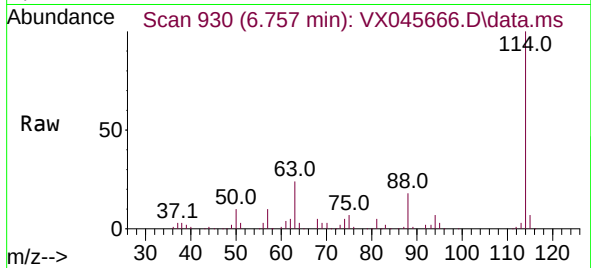




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

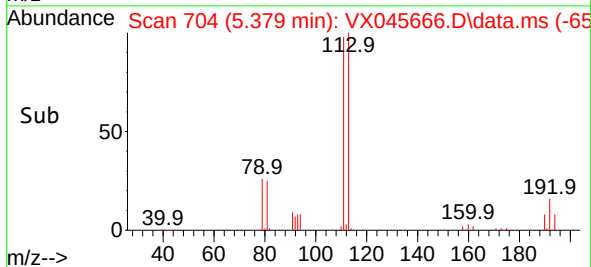
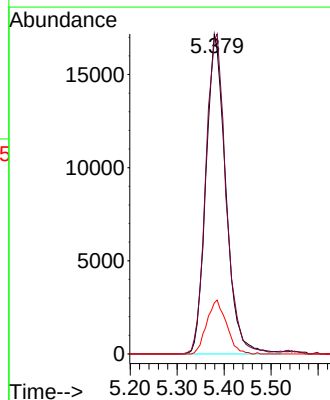
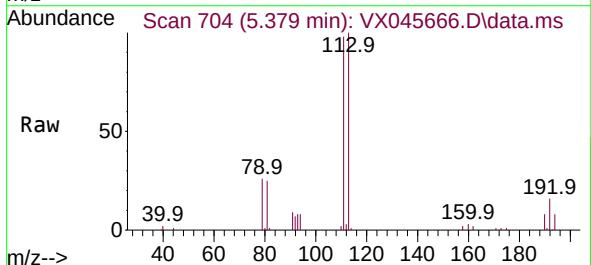
Instrument :
MSVOA_X
ClientSampleId :
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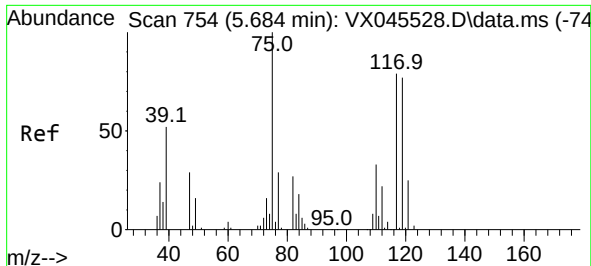
Tgt Ion:114 Resp: 138334
Ion Ratio Lower Upper
114 100
63 24.3 0.0 46.8
88 17.7 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.343 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

Tgt Ion:113 Resp: 50392
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.6
192 16.7 13.8 20.6

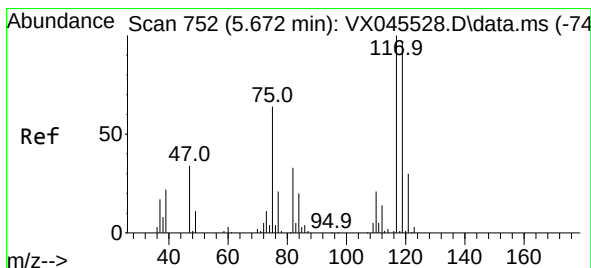
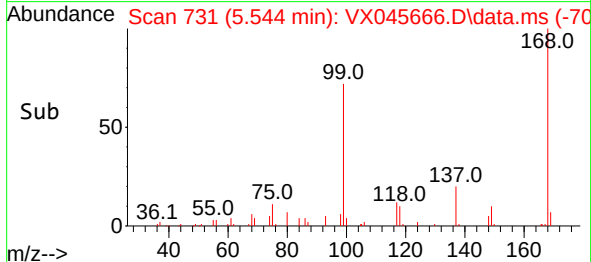
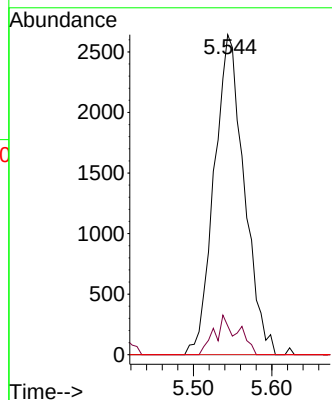
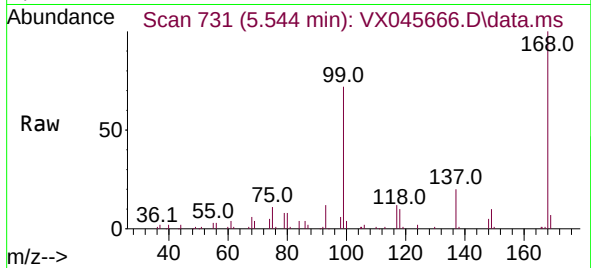




#36
1,1-Dichloropropene
Concen: 5.297 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

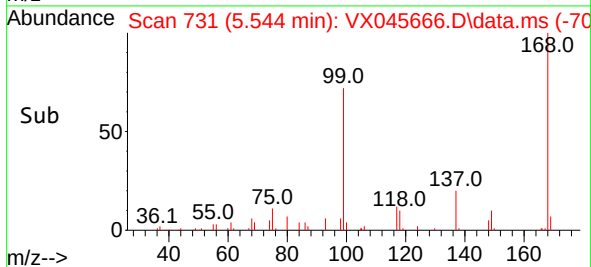
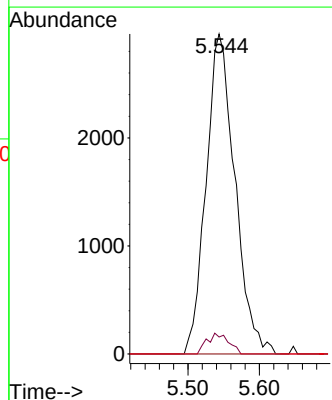
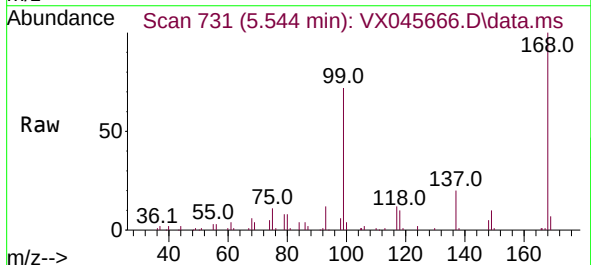
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

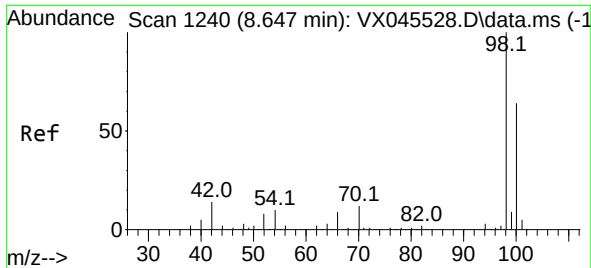
Tgt Ion: 75 Resp: 7020
Ion Ratio Lower Upper
75 100
110 9.6 16.9 50.6#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.792 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

Tgt Ion: 117 Resp: 8295
Ion Ratio Lower Upper
117 100
119 5.3 76.9 115.3#
121 0.0 24.2 36.2#

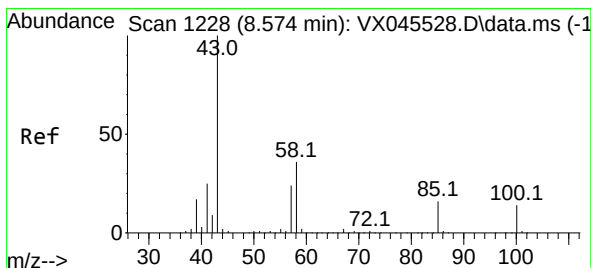
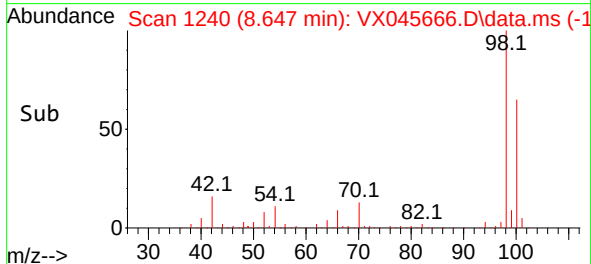
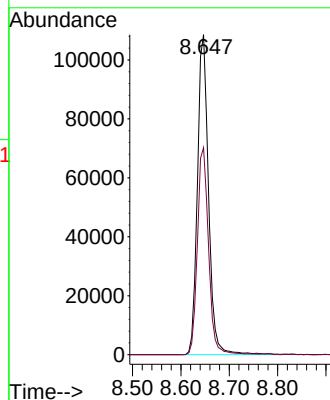
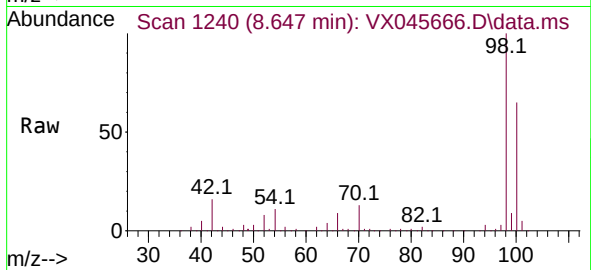




#50
Toluene-d8
Concen: 50.459 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

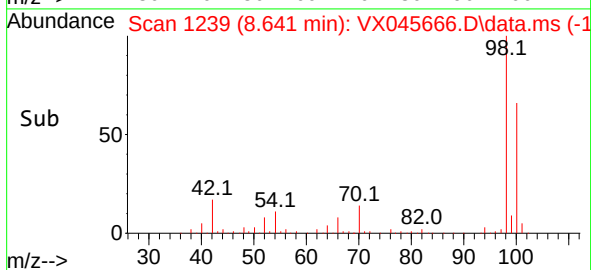
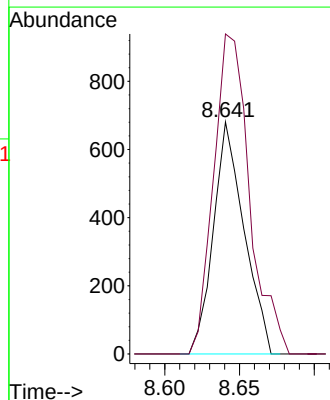
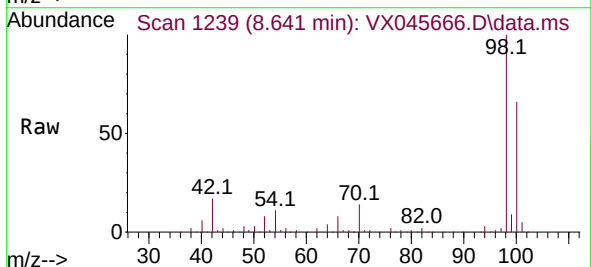
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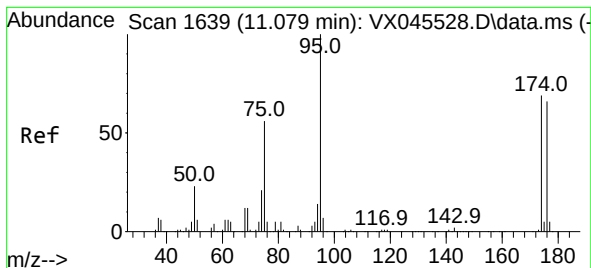
Tgt Ion: 98 Resp: 172860
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.579 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

Tgt Ion: 43 Resp: 972
Ion Ratio Lower Upper
43 100
58 161.8 28.5 42.7#

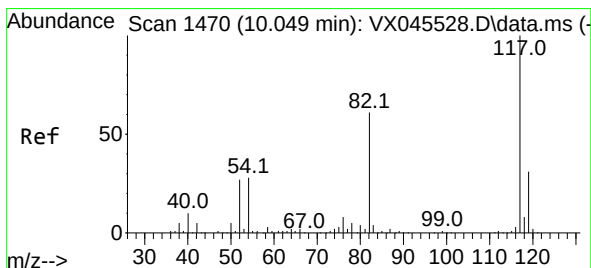
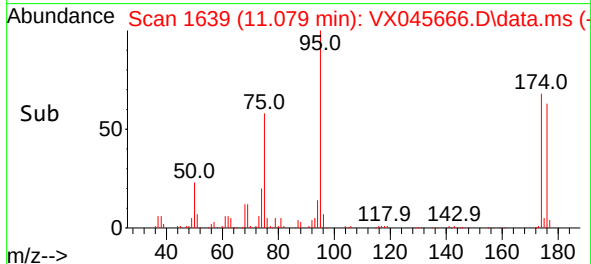
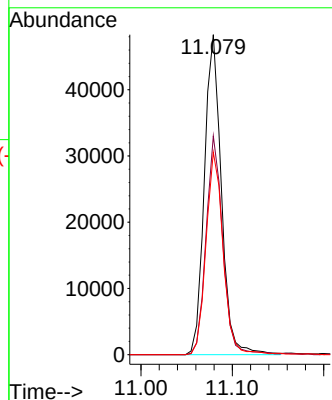
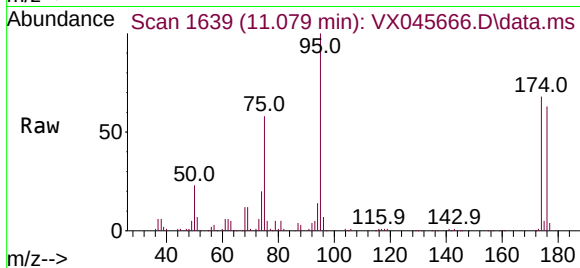




#62
4-Bromofluorobenzene
Concen: 49.896 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

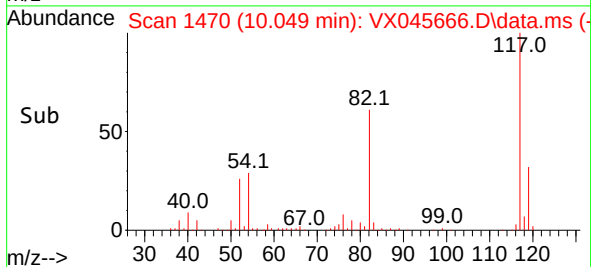
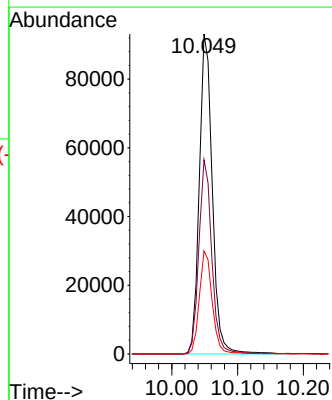
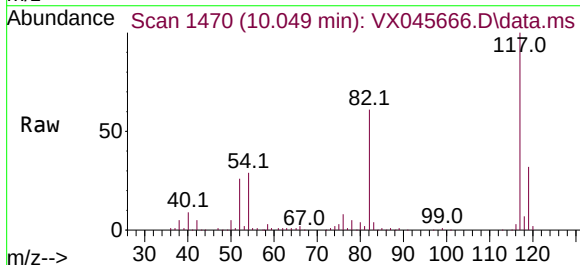
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

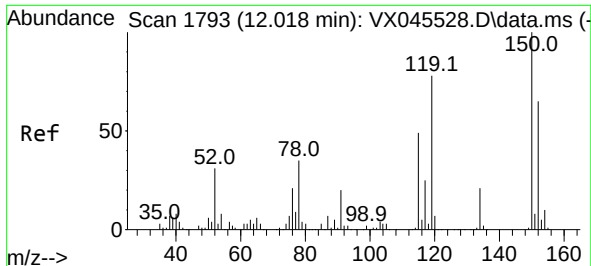
Tgt Ion: 95 Resp: 62262
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.8
176 63.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

Tgt Ion: 117 Resp: 127856
Ion Ratio Lower Upper
117 100
82 60.7 49.2 73.8
119 32.2 25.1 37.7

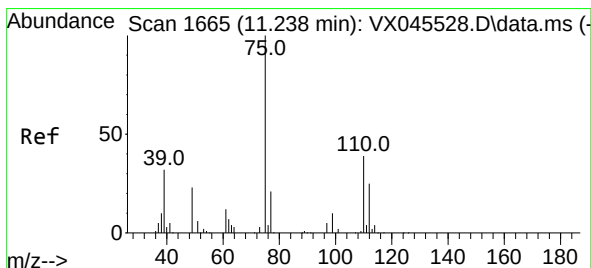
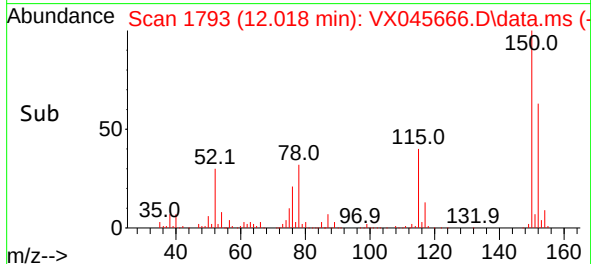
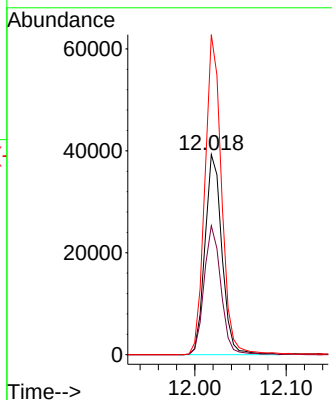
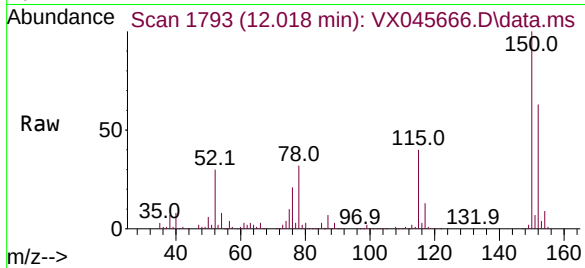




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045666.D
 Acq: 09 Apr 2025 11:26

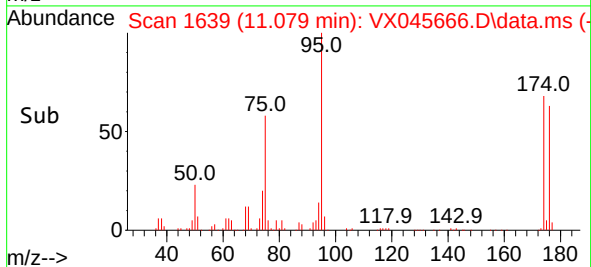
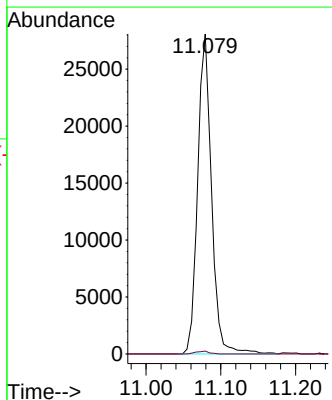
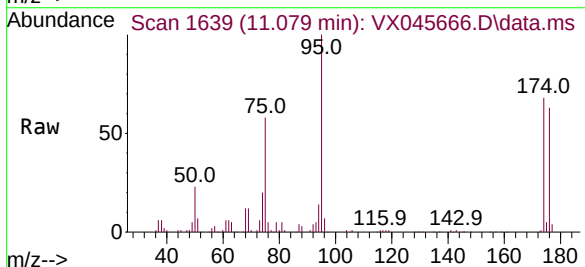
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBL01

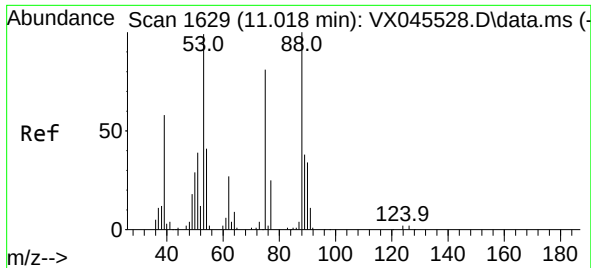
Tgt Ion:152 Resp: 50474
 Ion Ratio Lower Upper
 152 100
 115 64.3 46.9 140.7
 150 157.2 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 29.319 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045666.D
 Acq: 09 Apr 2025 11:26

Tgt Ion: 75 Resp: 36097
 Ion Ratio Lower Upper
 75 100
 77 0.8 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.505 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045666.D
 Acq: 09 Apr 2025 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBL01

Tgt Ion: 75 Resp: 36097
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#

