

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
 Data File : VX045819.D
 Acq On : 17 Apr 2025 11:36
 Operator : JC/MD
 Sample : VX0417WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 18 03:35:33 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)

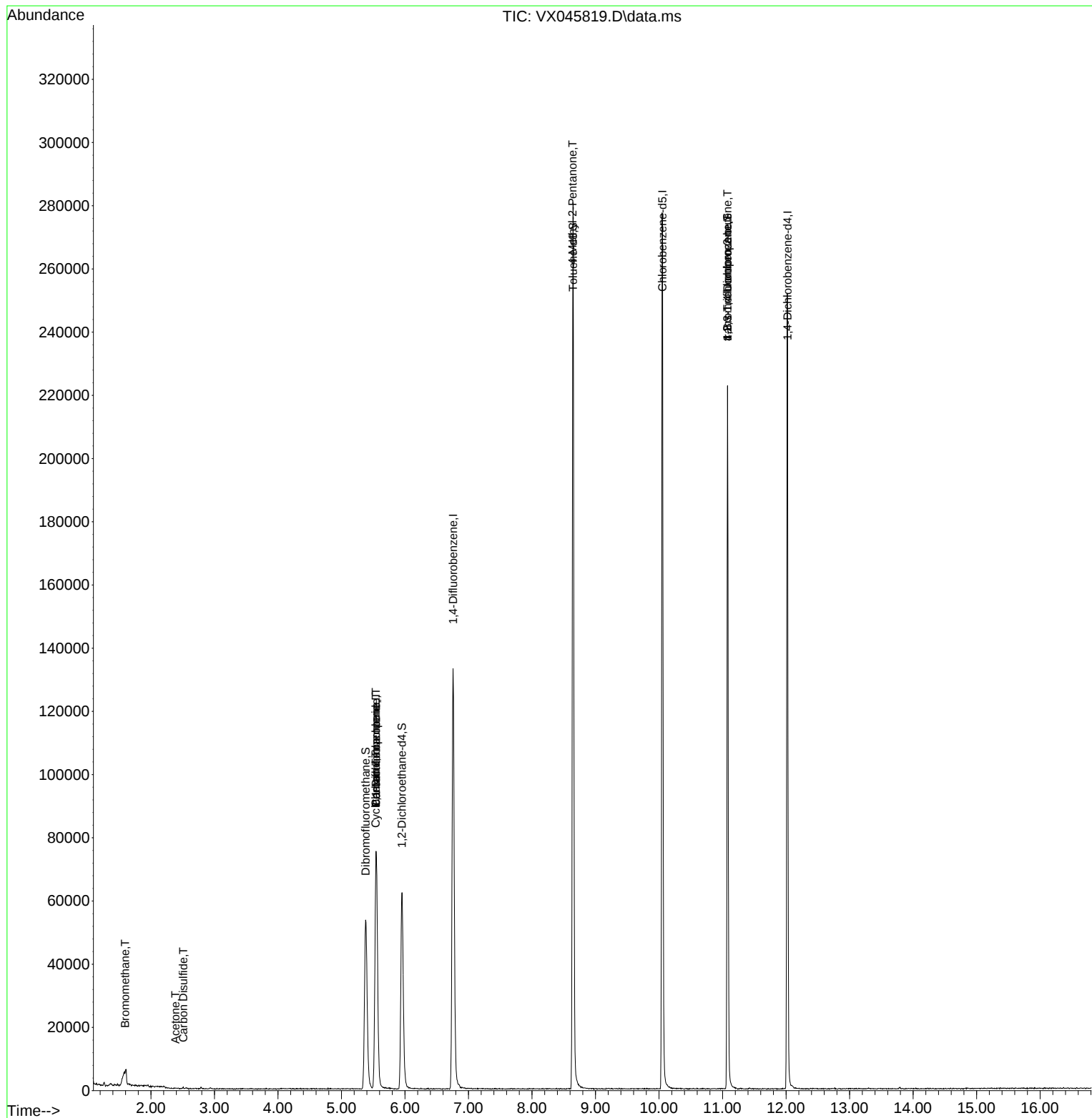
Internal Standards						
1) Pentafluorobenzene	5.544	168	65195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128232	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64622	54.202	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.400%	
35) Dibromofluoromethane	5.379	113	47046	51.710	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.420%	
50) Toluene-d8	8.647	98	159059	50.088	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.180%	
62) 4-Bromofluorobenzene	11.079	95	58093	50.223	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.440%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	117	0.269	ug/l	84
16) Acetone	2.386	43	327	0.668	ug/l #	47
17) Carbon Disulfide	2.507	76	414	0.214	ug/l #	76
31) Cyclohexane	5.537	56	2050	1.402	ug/l #	39
36) 1,1-Dichloropropene	5.544	75	6404	5.213	ug/l #	46
38) Carbon Tetrachloride	5.544	117	7706	5.804	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	834	0.536	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33343	29.199	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33343	99.097	ug/l #	1

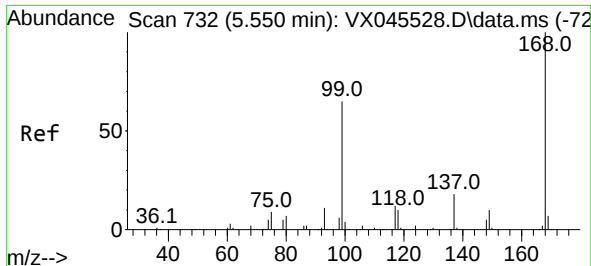
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

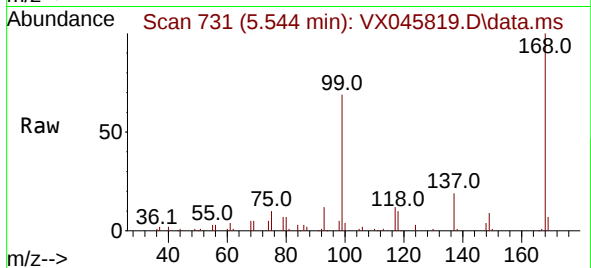
Quant Time: Apr 18 03:35:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



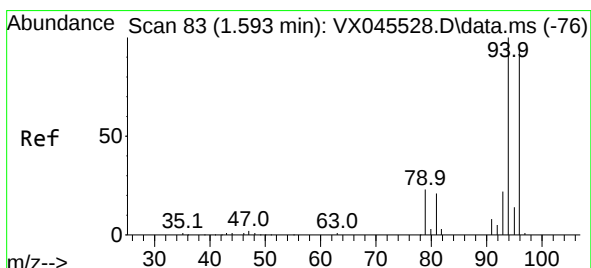
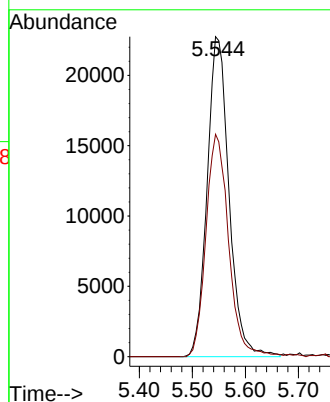
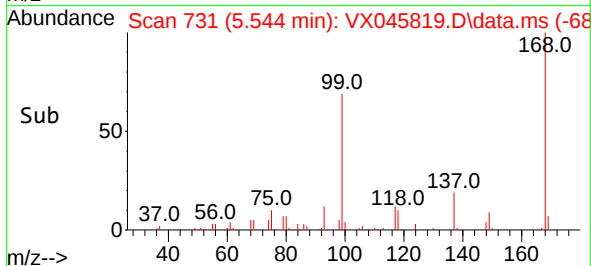


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045819.D
Acq: 17 Apr 2025 11:36

Instrument :
MSVOA_X
ClientSampleId :

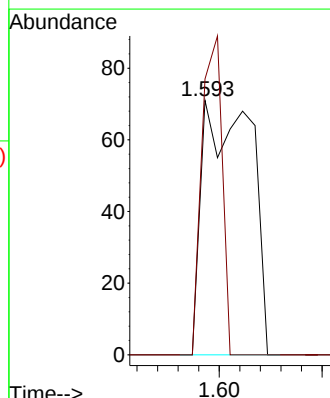
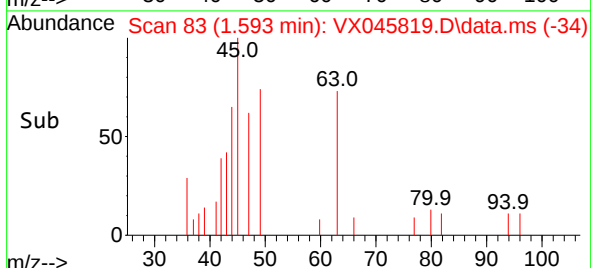
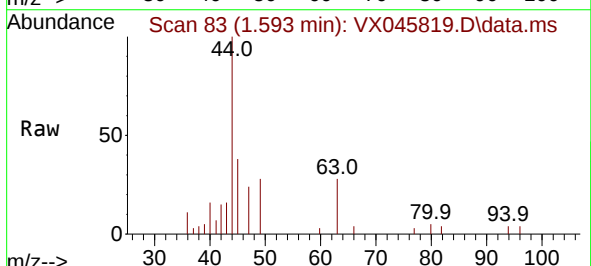


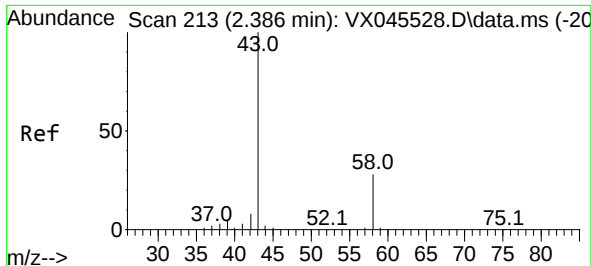
Tgt Ion:168 Resp: 65195
Ion Ratio Lower Upper
168 100
99 69.5 52.3 78.5



#5
Bromomethane
Concen: 0.269 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX045819.D
Acq: 17 Apr 2025 11:36

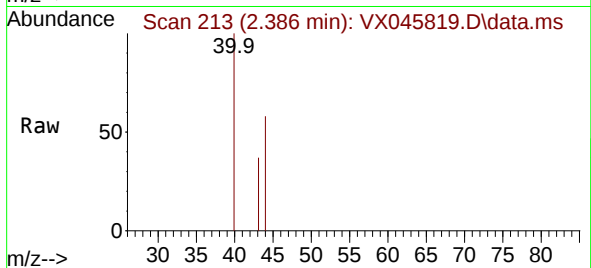
Tgt Ion: 94 Resp: 117
Ion Ratio Lower Upper
94 100
96 108.5 74.8 112.2



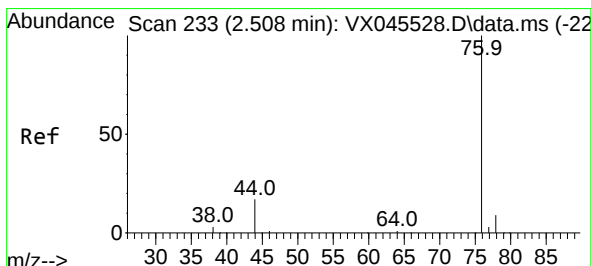
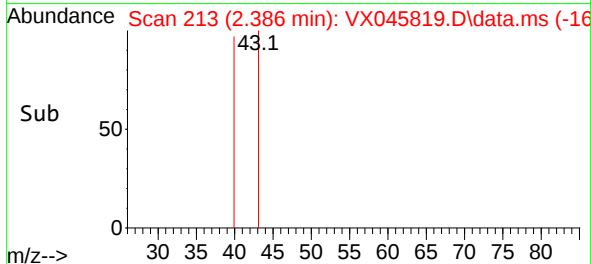
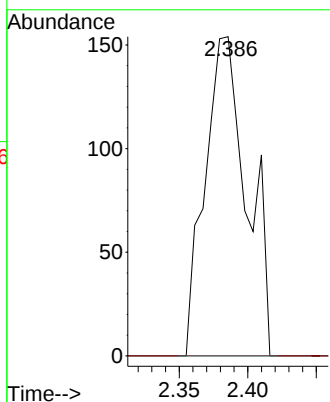


#16
Acetone
Concen: 0.668 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045819.D
Acq: 17 Apr 2025 11:36

Instrument :
MSVOA_X
ClientSampleId :

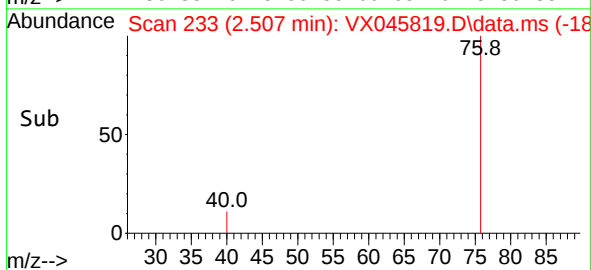
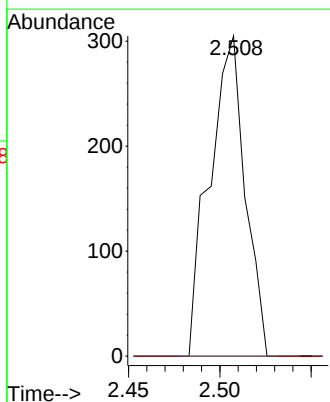
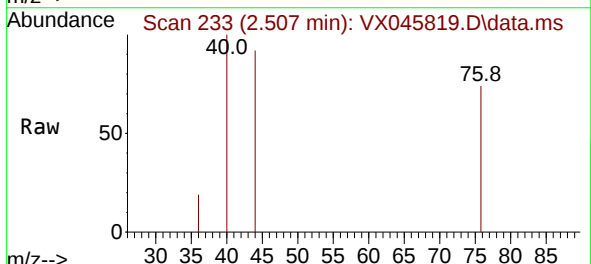


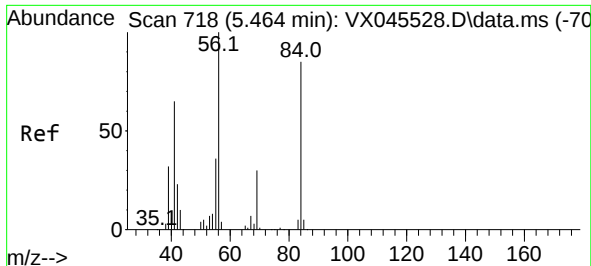
Tgt Ion: 43 Resp: 327
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#



#17
Carbon Disulfide
Concen: 0.214 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX045819.D
Acq: 17 Apr 2025 11:36

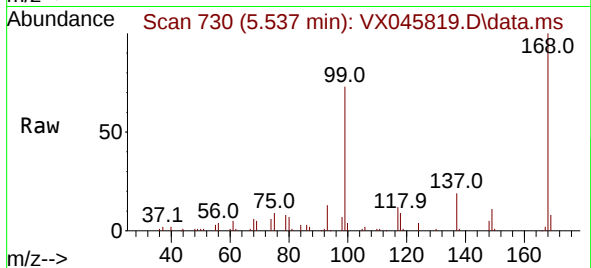
Tgt Ion: 76 Resp: 414
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



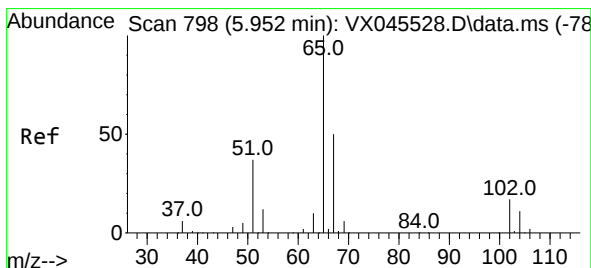
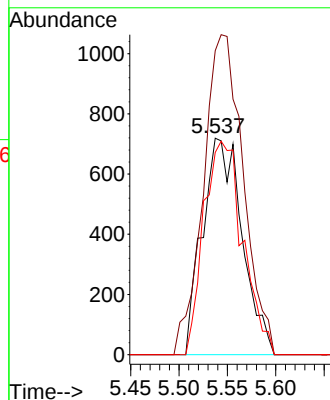
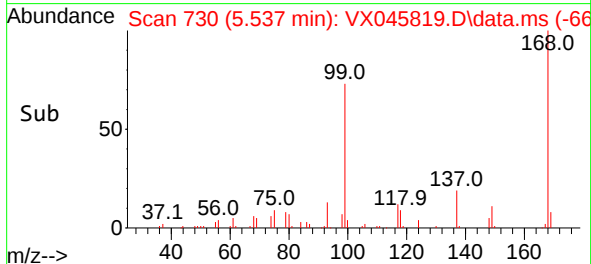


#31
Cyclohexane
Concen: 1.402 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045819.D
Acq: 17 Apr 2025 11:36

Instrument :
MSVOA_X
ClientSampleId :

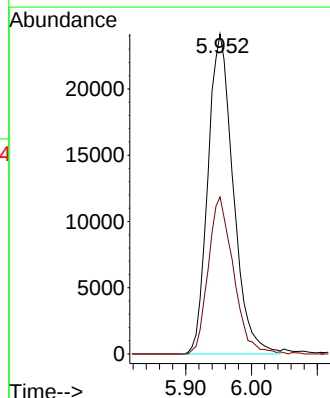
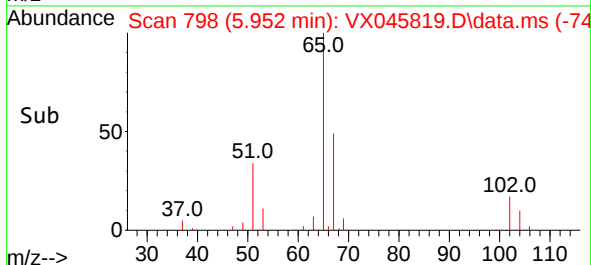
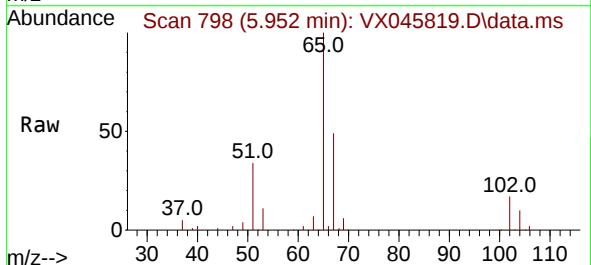


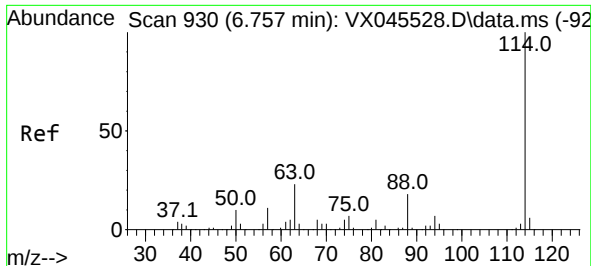
Tgt Ion: 56 Resp: 2050
Ion Ratio Lower Upper
56 100
69 140.5 23.6 35.4#
84 93.5 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 54.202 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045819.D
Acq: 17 Apr 2025 11:36

Tgt Ion: 65 Resp: 64622
Ion Ratio Lower Upper
65 100
67 48.8 0.0 99.0

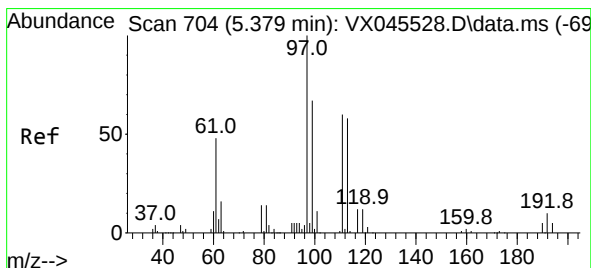
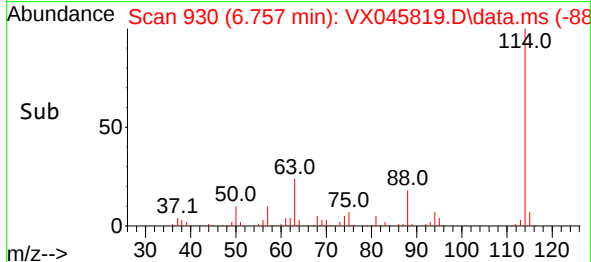
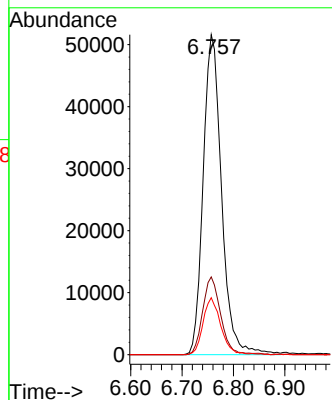
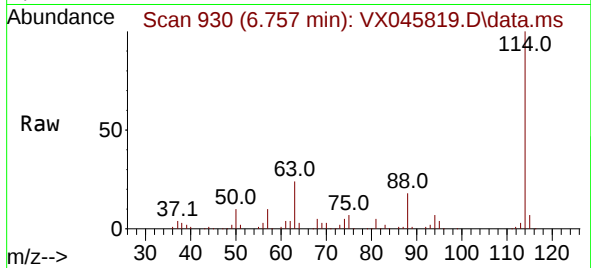




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045819.D
Acq: 17 Apr 2025 11:36

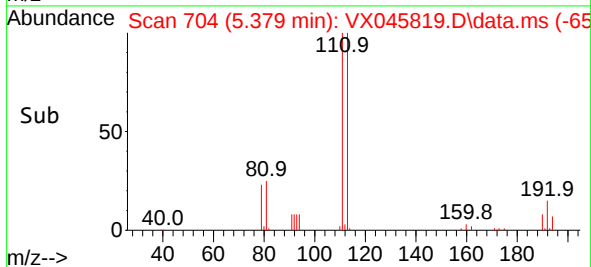
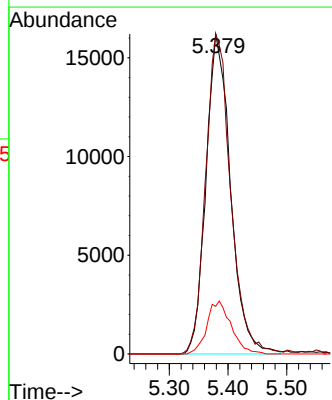
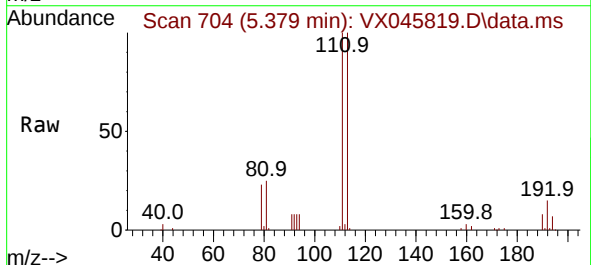
Instrument :
MSVOA_X
ClientSampleId :

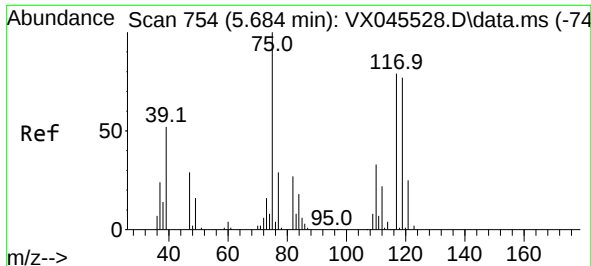
Tgt Ion:114 Resp: 128232
Ion Ratio Lower Upper
114 100
63 24.3 0.0 46.8
88 17.8 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.710 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045819.D
Acq: 17 Apr 2025 11:36

Tgt Ion:113 Resp: 47046
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.6
192 16.3 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.213 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

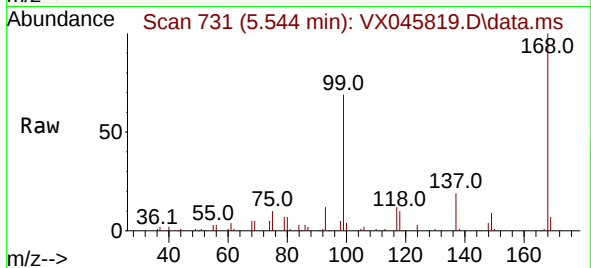
Lab File: VX045819.D

Acq: 17 Apr 2025 11:36

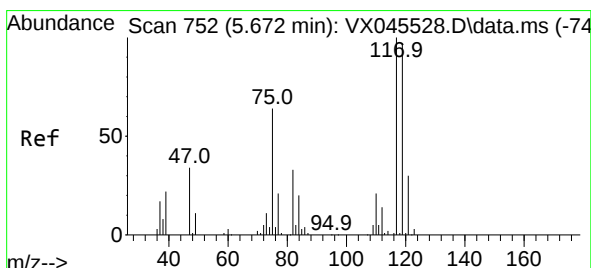
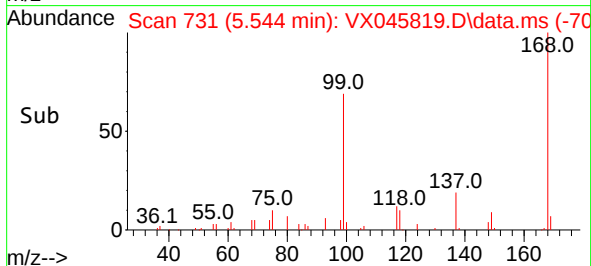
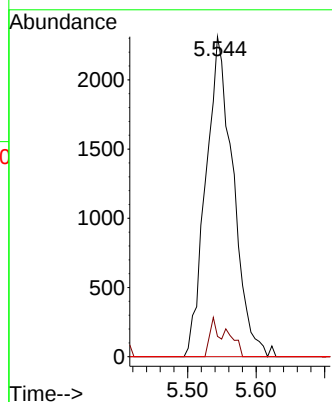
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	75	Resp:	6404
Ion Ratio	Lower	Upper	
75	100		
110	4.0	16.9	50.6#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 5.804 ug/l

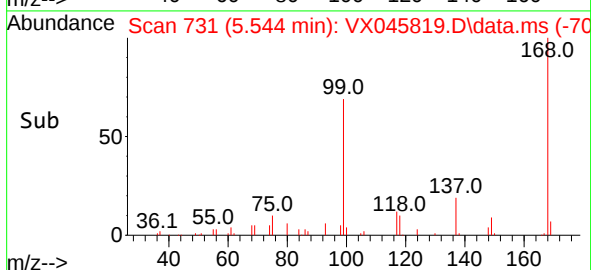
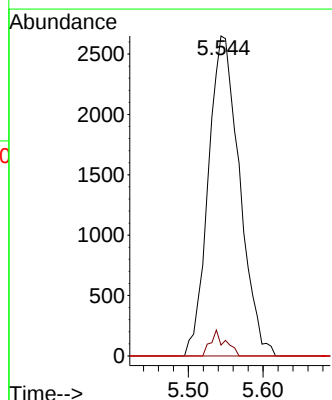
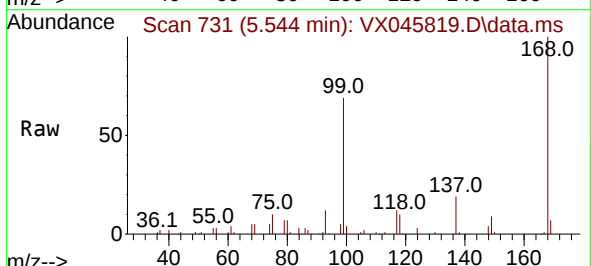
RT: 5.544 min Scan# 731

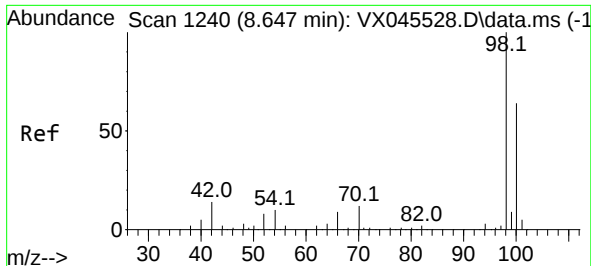
Delta R.T. -0.128 min

Lab File: VX045819.D

Acq: 17 Apr 2025 11:36

Tgt Ion:	117	Resp:	7706
Ion Ratio	Lower	Upper	
117	100		
119	3.4	76.9	115.3#
121	0.0	24.2	36.2#

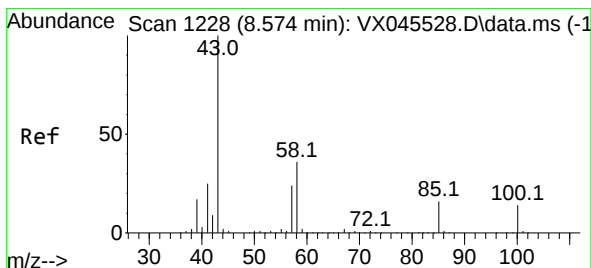
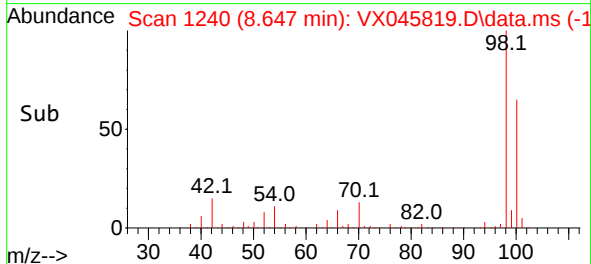
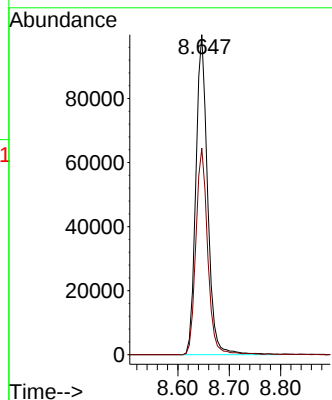
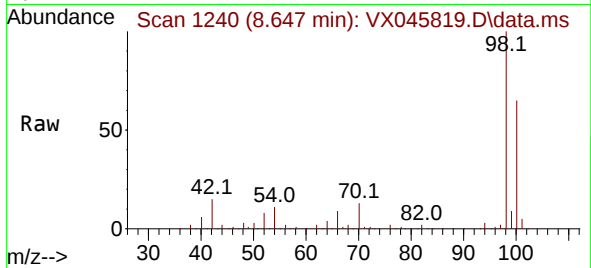




#50
Toluene-d8
Concen: 50.088 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045819.D
Acq: 17 Apr 2025 11:36

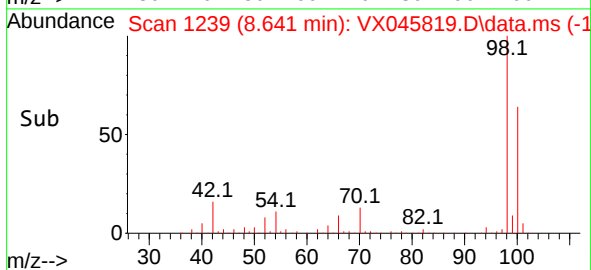
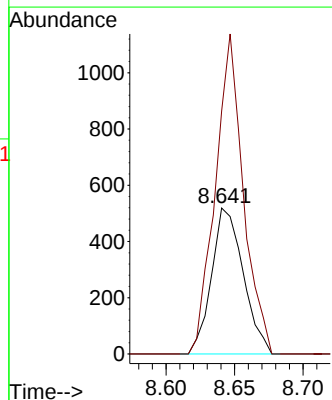
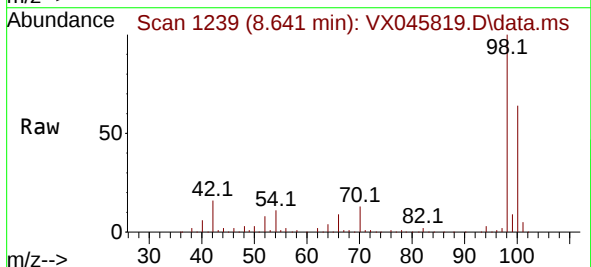
Instrument :
MSVOA_X
ClientSampleId :

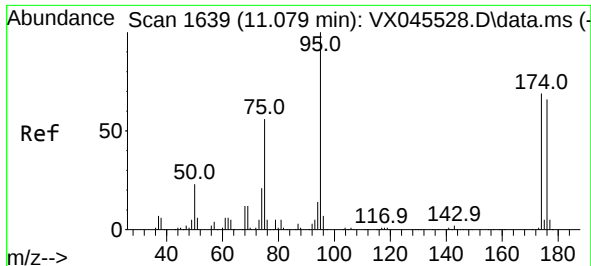
Tgt Ion: 98 Resp: 159059
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.536 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045819.D
Acq: 17 Apr 2025 11:36

Tgt Ion: 43 Resp: 834
Ion Ratio Lower Upper
43 100
58 194.2 28.5 42.7#

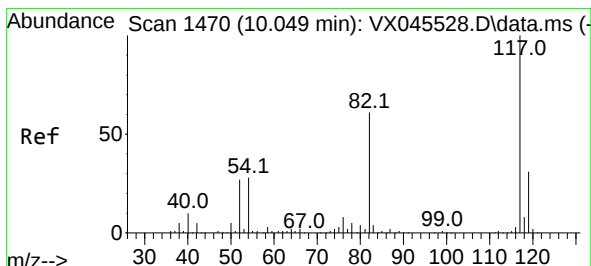
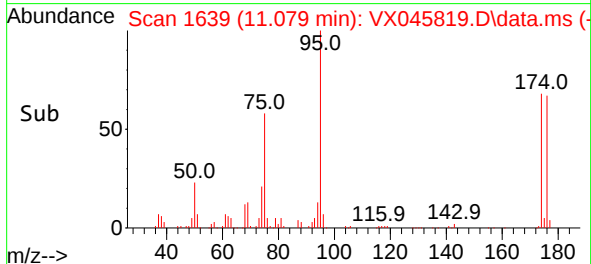
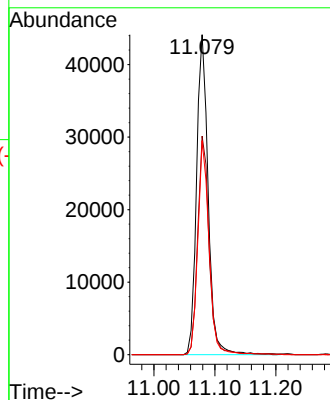
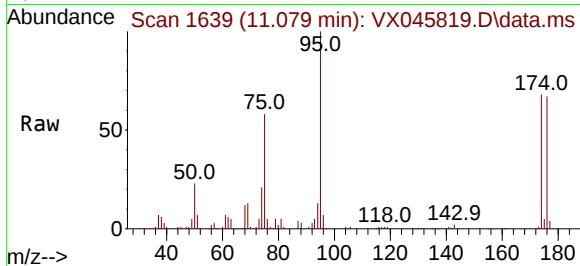




#62
4-Bromofluorobenzene
Concen: 50.223 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045819.D
Acq: 17 Apr 2025 11:36

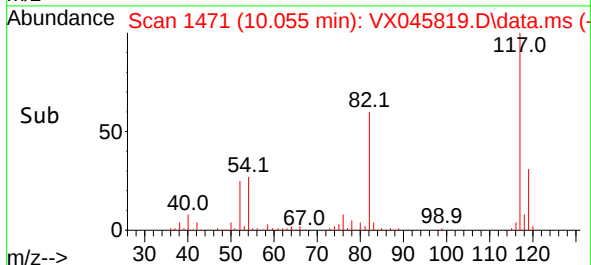
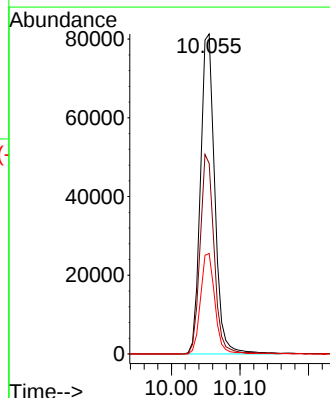
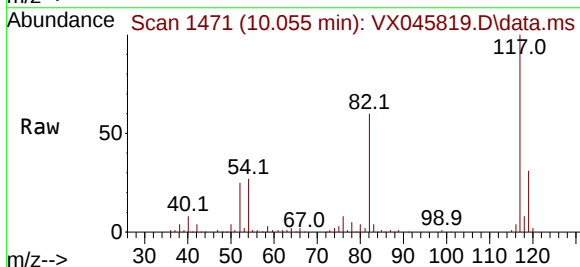
Instrument :
MSVOA_X
ClientSampleId :

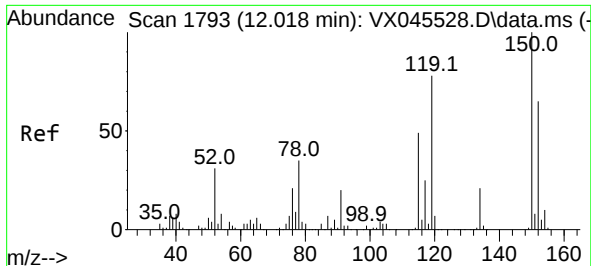
Tgt Ion: 95 Resp: 58093
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.8
176 64.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045819.D
Acq: 17 Apr 2025 11:36

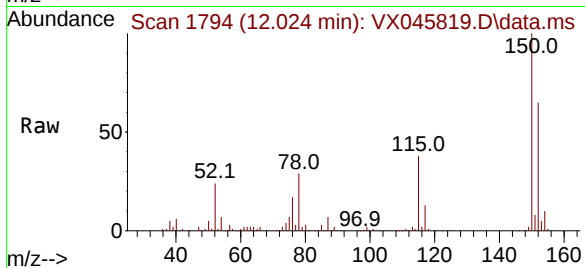
Tgt Ion: 117 Resp: 118578
Ion Ratio Lower Upper
117 100
82 59.6 49.2 73.8
119 31.4 25.1 37.7



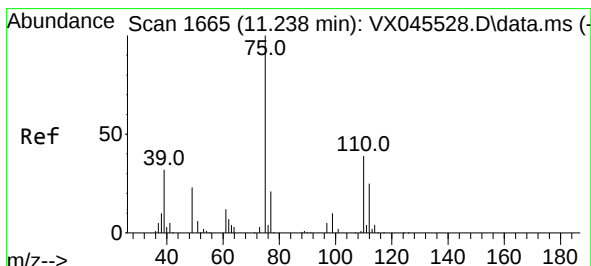
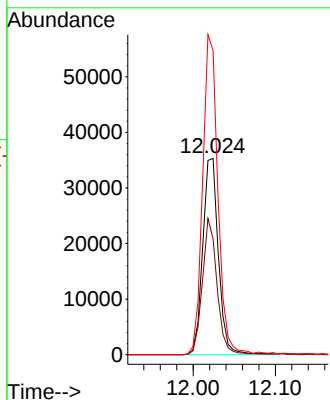
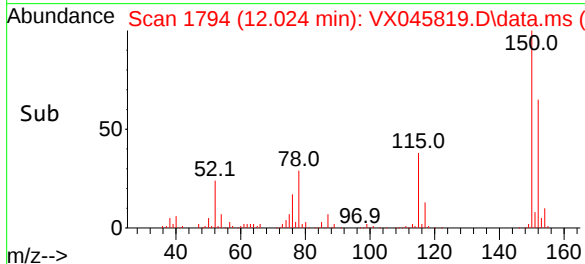


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX045819.D
 Acq: 17 Apr 2025 11:36

Instrument :
 MSVOA_X
 ClientSampleId :

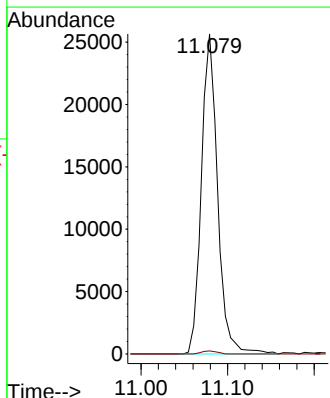
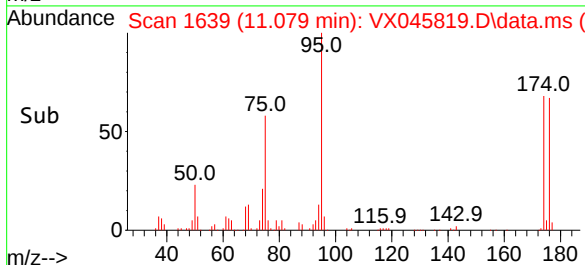
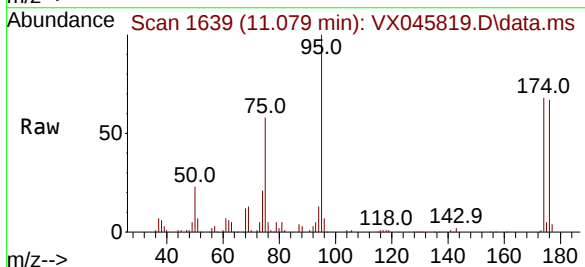


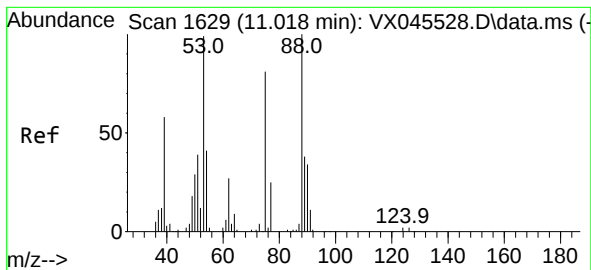
Tgt Ion:152 Resp: 46815
 Ion Ratio Lower Upper
 152 100
 115 64.7 46.9 140.7
 150 159.8 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 29.199 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045819.D
 Acq: 17 Apr 2025 11:36

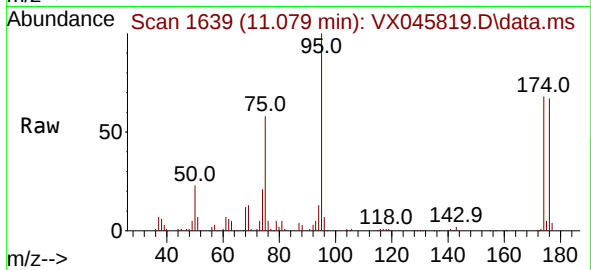
Tgt Ion: 75 Resp: 33343
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.0 59.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.097 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045819.D
 Acq: 17 Apr 2025 11:36

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 33343
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.0 37.2 55.8#

