

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030325\
 Data File : VX045114.D
 Acq On : 03 Mar 2025 15:40
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 04 05:25:15 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)

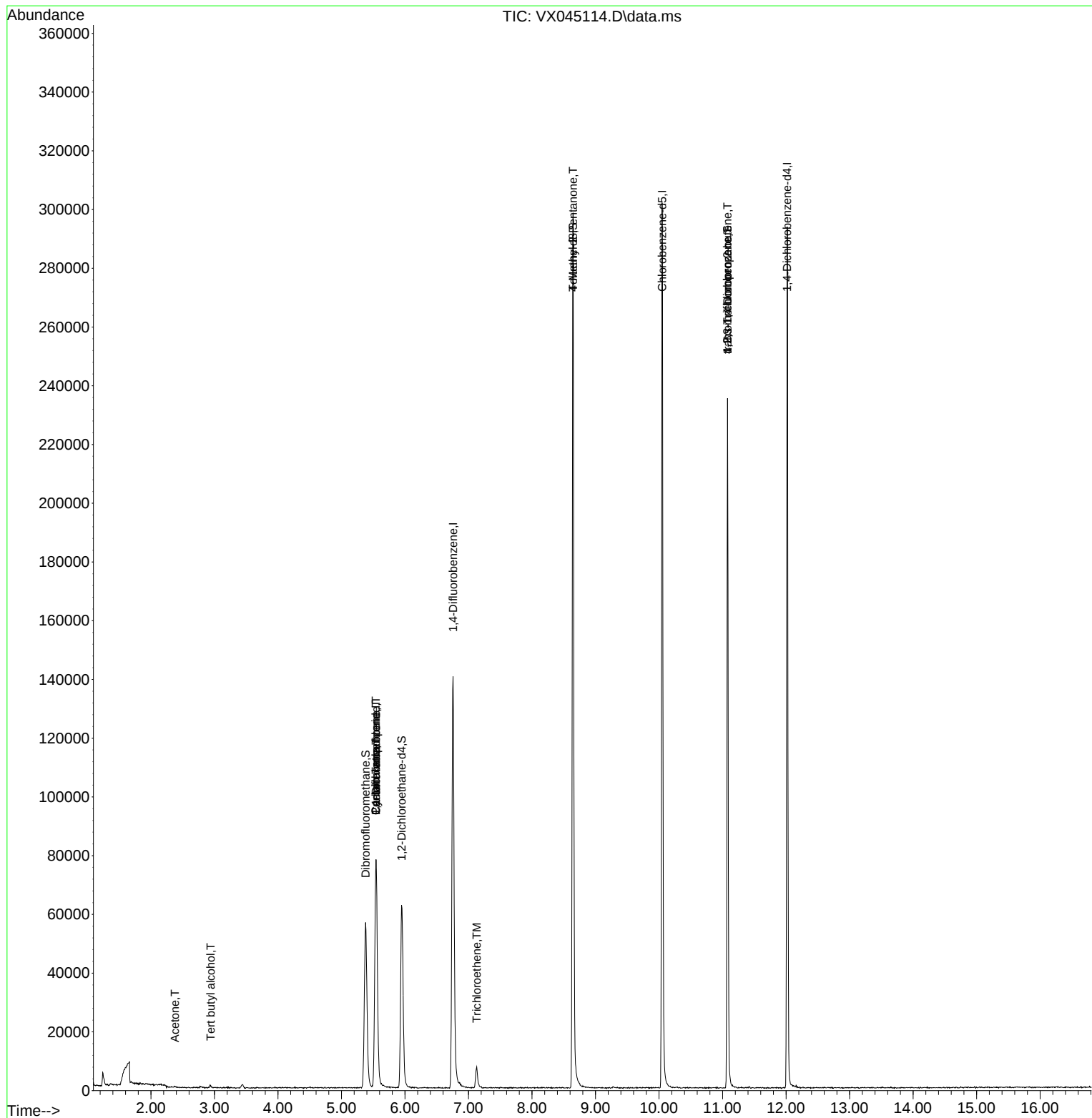
Internal Standards						
1) Pentafluorobenzene	5.544	168	72583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	145924	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	134249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	60252	52.187	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.380%	
35) Dibromofluoromethane	5.379	113	49274	50.498	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.000%	
50) Toluene-d8	8.647	98	183010	51.735	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.460%	
62) 4-Bromofluorobenzene	11.079	95	62329	53.172	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	200	0.915	ug/l #	73
16) Acetone	2.380	43	220	0.411	ug/l #	82
31) Cyclohexane	5.544	56	1904	1.212	ug/l #	10
36) 1,1-Dichloropropene	5.544	75	6387	4.773	ug/l #	46
38) Carbon Tetrachloride	5.544	117	7597	5.592	ug/l #	15
44) Trichloroethene	7.129	130	3220	3.245	ug/l	89
51) 4-Methyl-2-Pentanone	8.647	43	865	0.505	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32599	24.864	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32599	85.090	ug/l #	6

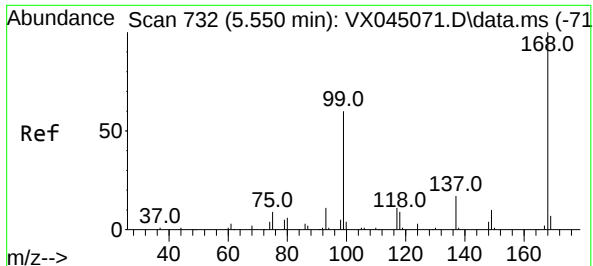
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030325\
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MSVOA_X
ClientSampleId :

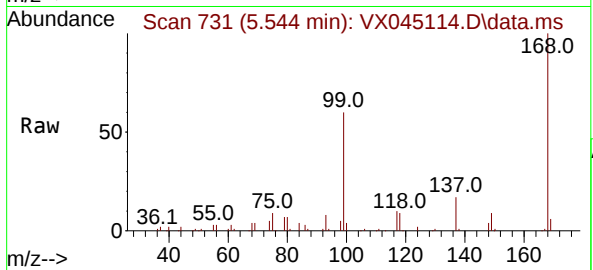
Quant Time: Mar 04 05:25:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



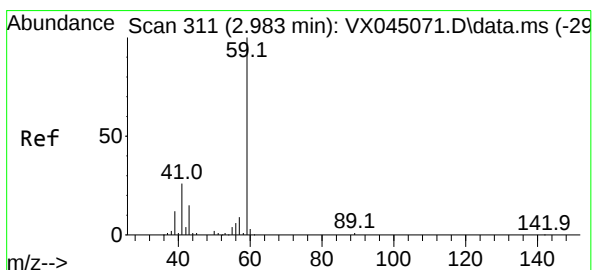
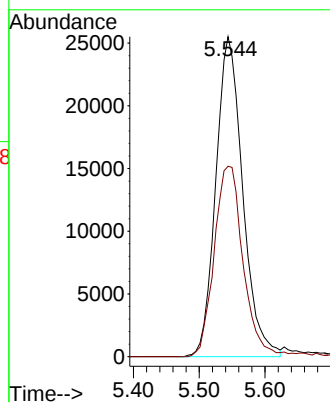
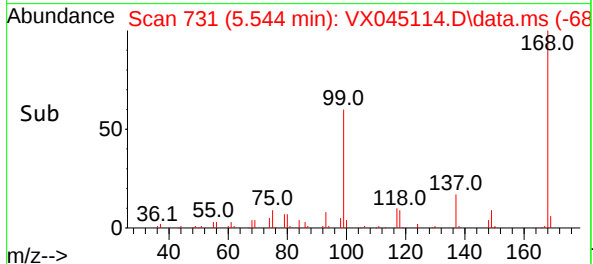


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045114.D
Acq: 03 Mar 2025 15:40

Instrument :
MSVOA_X
ClientSampleId :

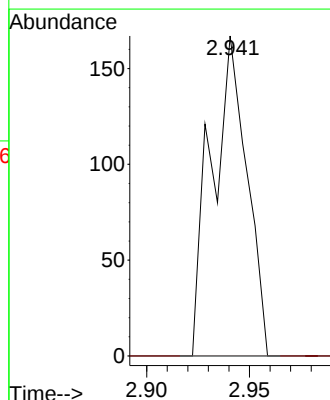
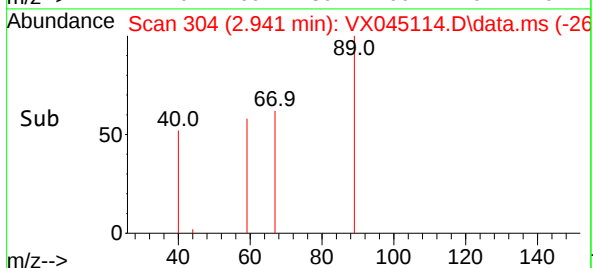
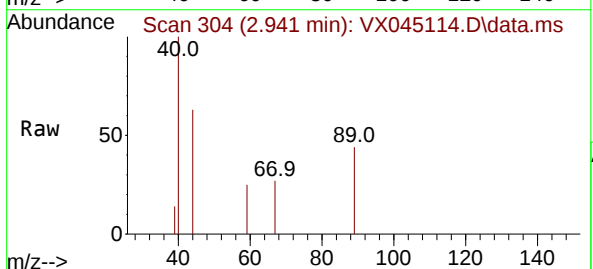


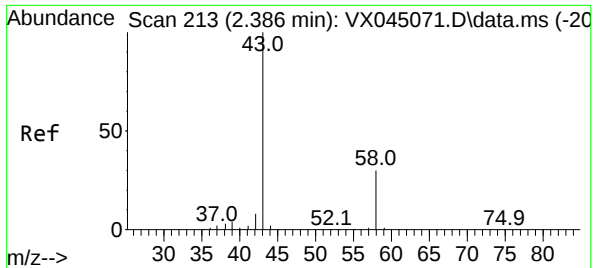
Tgt Ion:168 Resp: 72583
Ion Ratio Lower Upper
168 100
99 59.5 48.2 72.4



#11
Tert butyl alcohol
Concen: 0.915 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045114.D
Acq: 03 Mar 2025 15:40

Tgt Ion: 59 Resp: 200
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

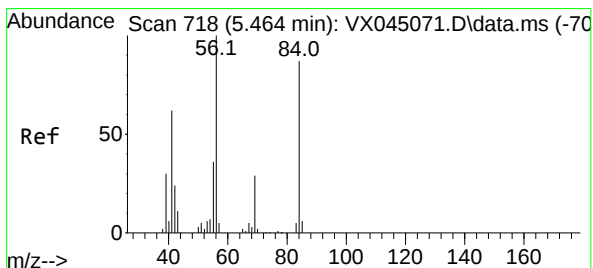
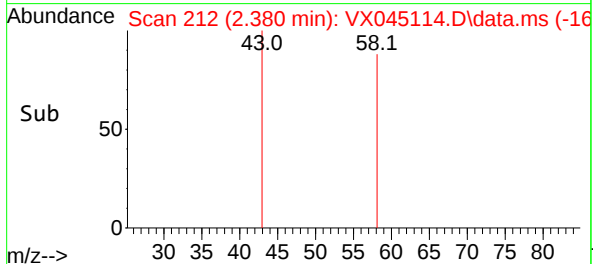
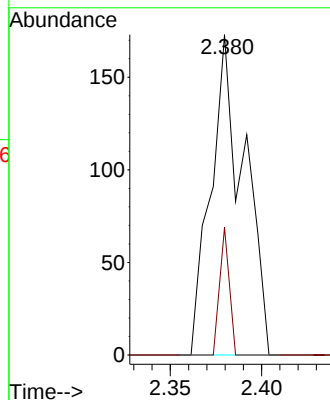
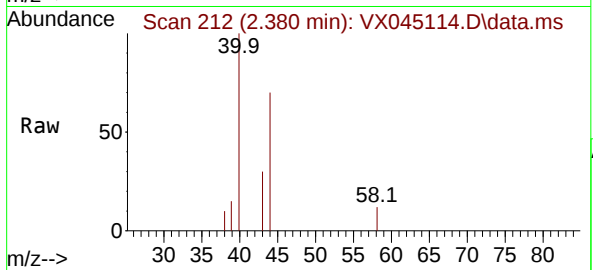




#16
Acetone
Concen: 0.411 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045114.D
Acq: 03 Mar 2025 15:40

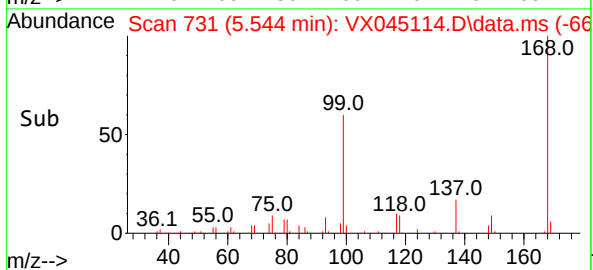
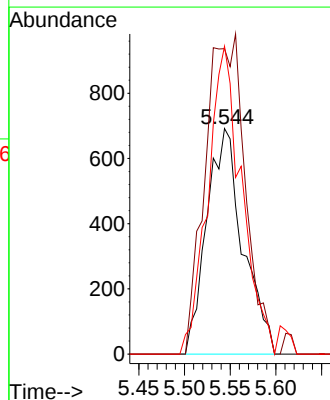
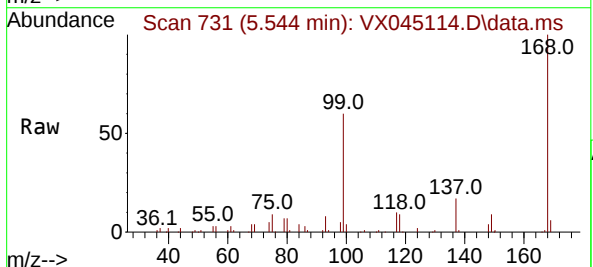
Instrument :
MSVOA_X
ClientSampleId :

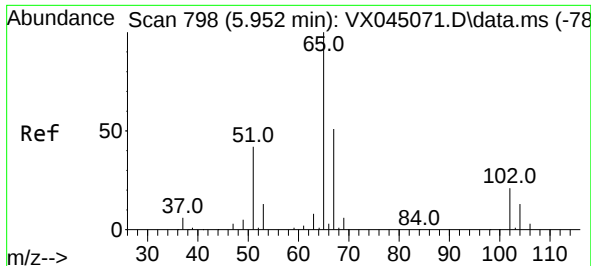
Tgt Ion: 43 Resp: 220
Ion Ratio Lower Upper
43 100
58 39.9 24.2 36.4#



#31
Cyclohexane
Concen: 1.212 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045114.D
Acq: 03 Mar 2025 15:40

Tgt Ion: 56 Resp: 1904
Ion Ratio Lower Upper
56 100
69 135.4 23.4 35.2#
84 136.4 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 52.187 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045114.D

Acq: 03 Mar 2025 15:40

Instrument :

MSVOA_X

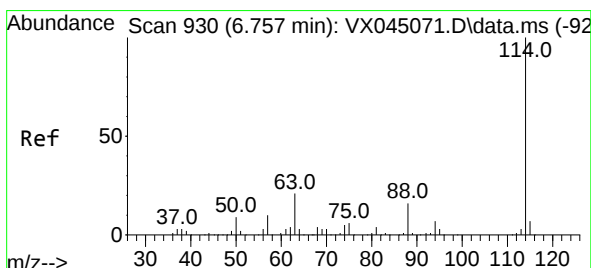
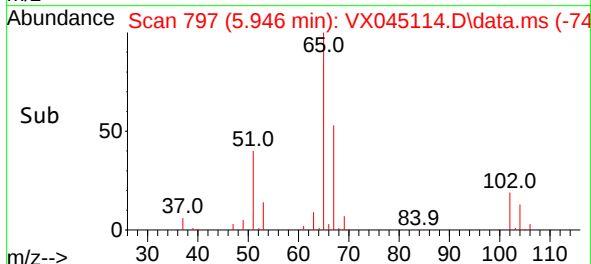
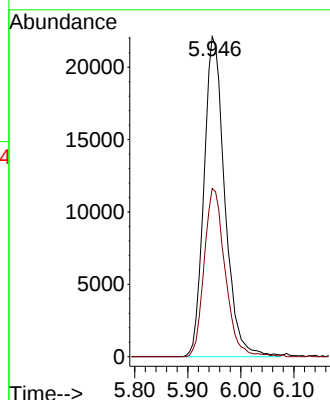
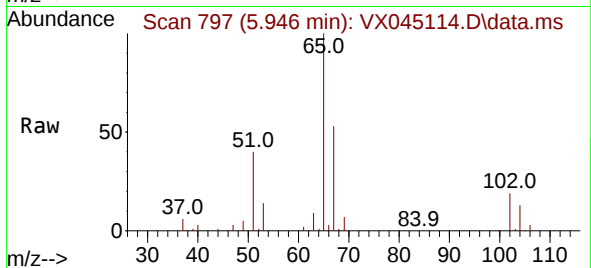
ClientSampleId :

Tgt Ion: 65 Resp: 60252

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045114.D

Acq: 03 Mar 2025 15:40

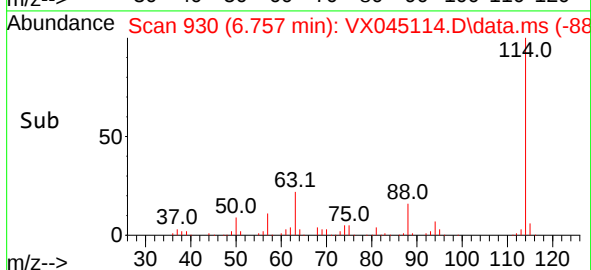
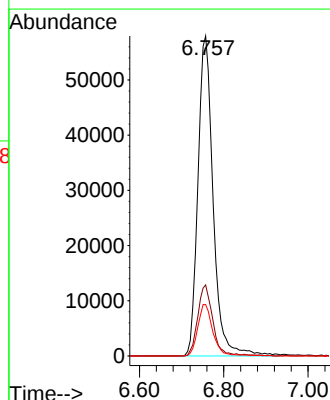
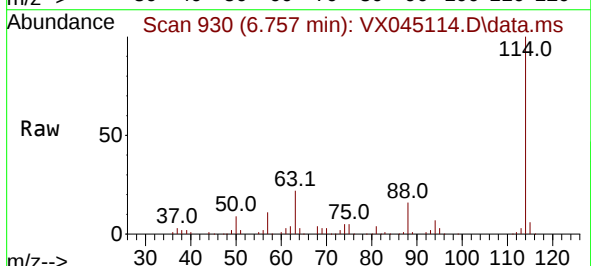
Tgt Ion: 114 Resp: 145924

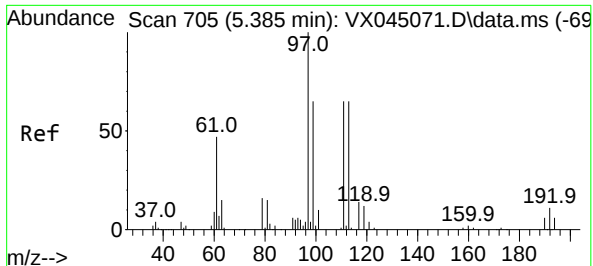
Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.8

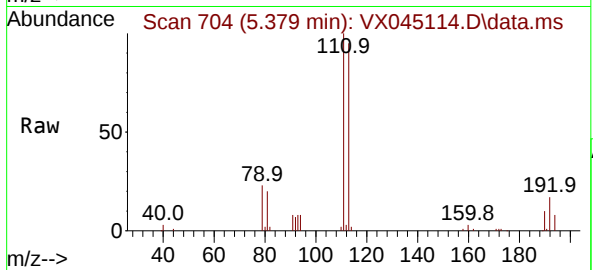
88 16.1 0.0 32.8



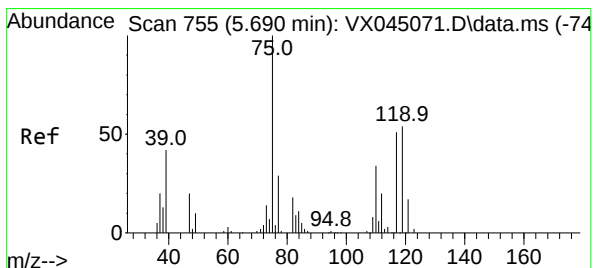
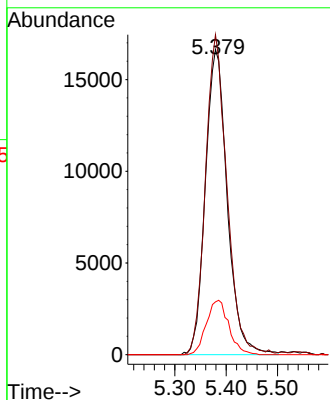
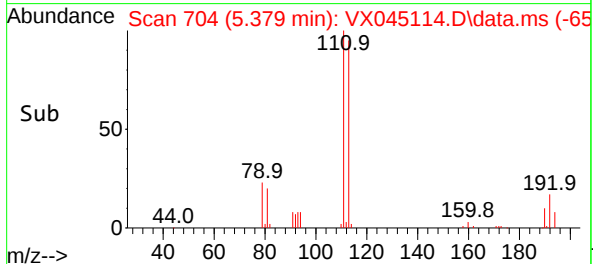


#35
Dibromofluoromethane
Concen: 50.498 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045114.D
Acq: 03 Mar 2025 15:40

Instrument :
MSVOA_X
ClientSampleId :

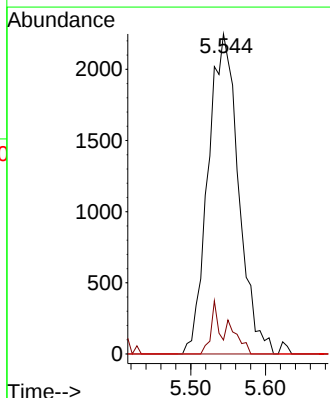
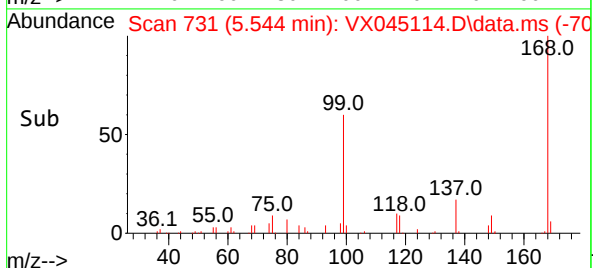
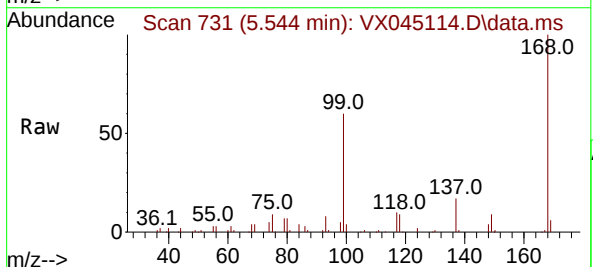


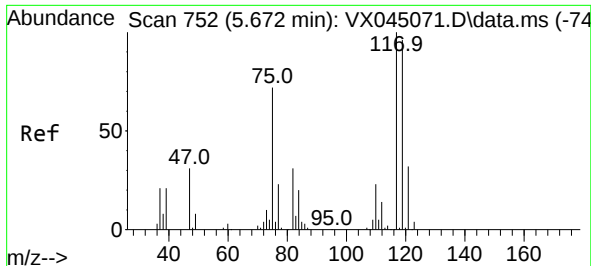
Tgt Ion:113 Resp: 49274
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.6
192 18.3 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.773 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX045114.D
Acq: 03 Mar 2025 15:40

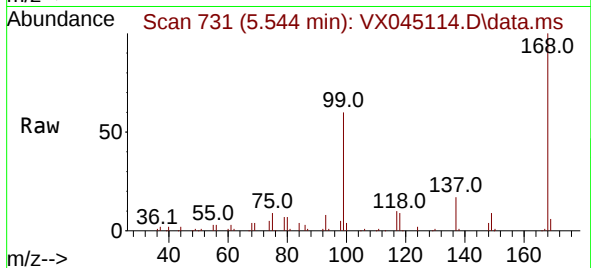
Tgt Ion: 75 Resp: 6387
Ion Ratio Lower Upper
75 100
110 3.9 16.9 50.6#
77 0.0 24.5 36.7#



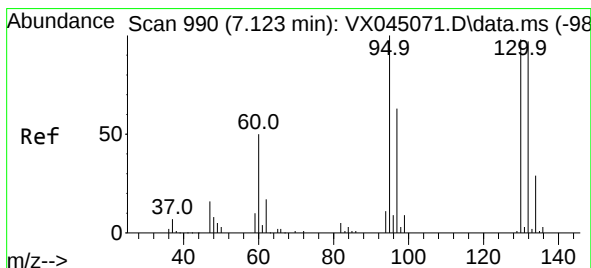
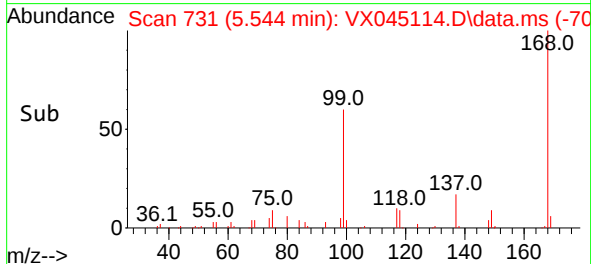
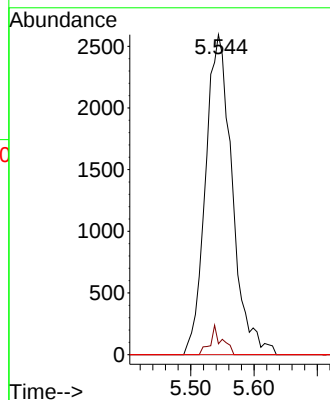


#38
Carbon Tetrachloride
Concen: 5.592 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX045114.D
Acq: 03 Mar 2025 15:40

Instrument :
MSVOA_X
ClientSampleId :

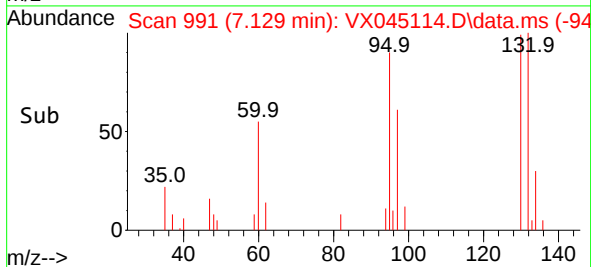
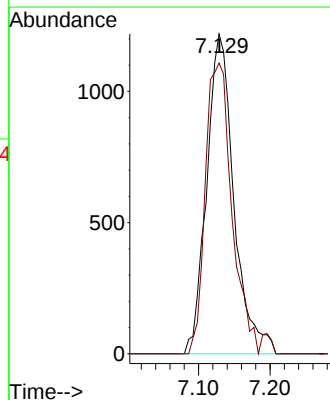
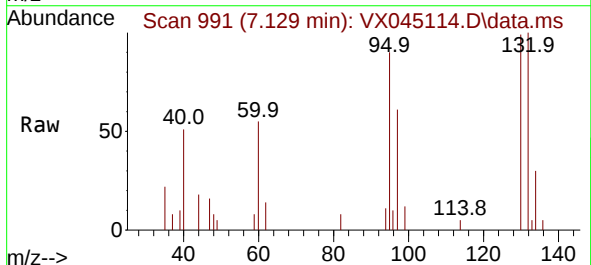


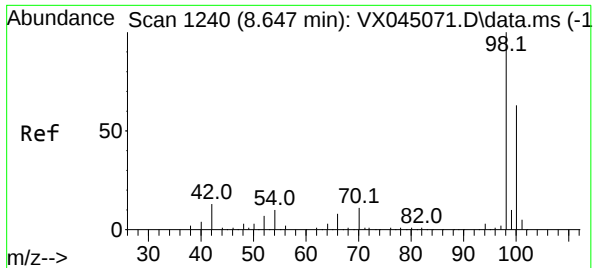
Tgt Ion:117 Resp: 7597
Ion Ratio Lower Upper
117 100
119 3.4 76.7 115.1#
121 0.0 25.5 38.3#



#44
Trichloroethene
Concen: 3.245 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045114.D
Acq: 03 Mar 2025 15:40

Tgt Ion:130 Resp: 3220
Ion Ratio Lower Upper
130 100
95 90.9 0.0 205.0

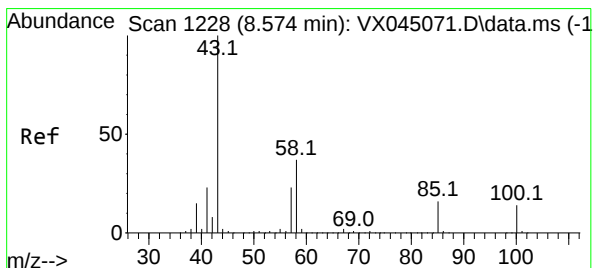
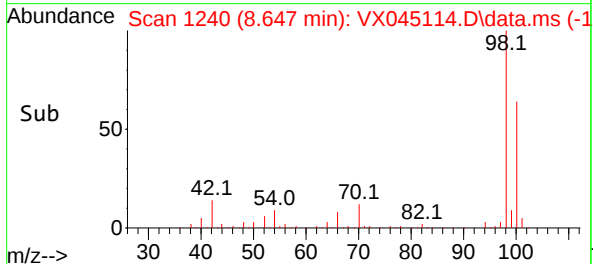
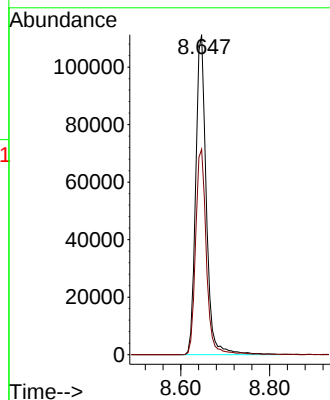
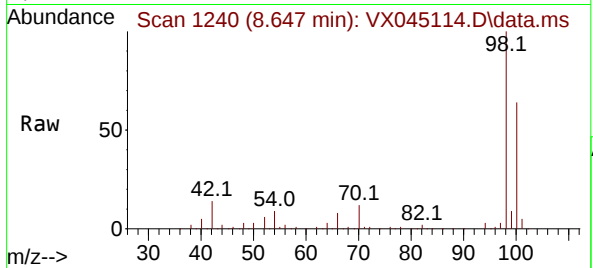




#50
Toluene-d8
Concen: 51.735 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045114.D
Acq: 03 Mar 2025 15:40

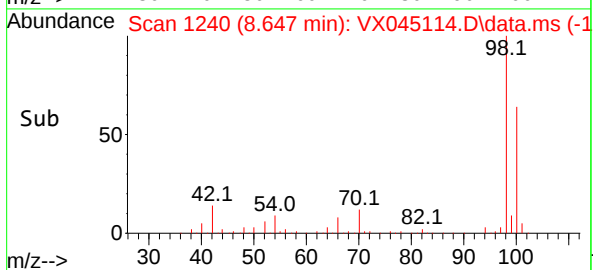
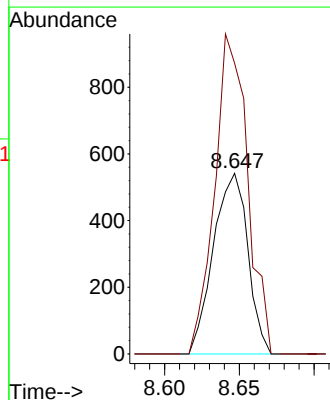
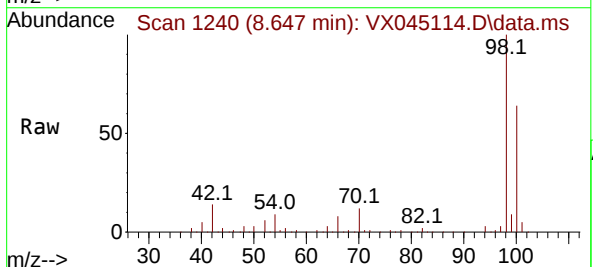
Instrument :
MSVOA_X
ClientSampleId :

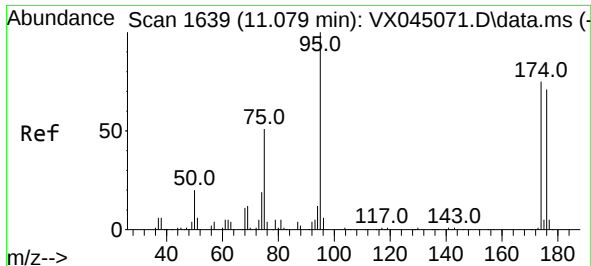
Tgt Ion: 98 Resp: 183010
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.505 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045114.D
Acq: 03 Mar 2025 15:40

Tgt Ion: 43 Resp: 865
Ion Ratio Lower Upper
43 100
58 169.7 29.2 43.8#

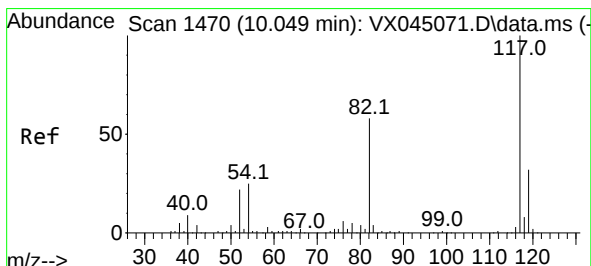
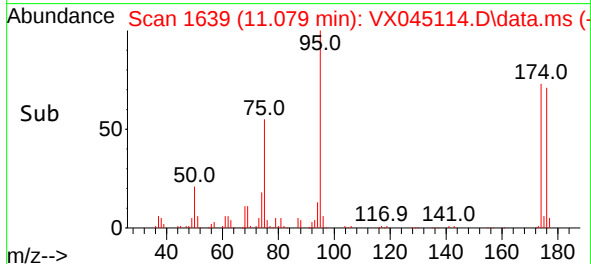
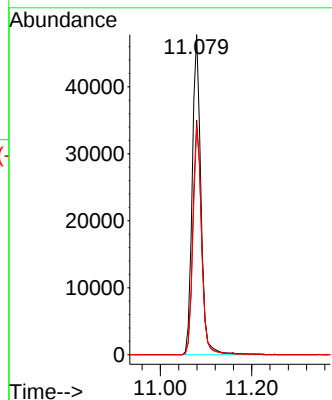
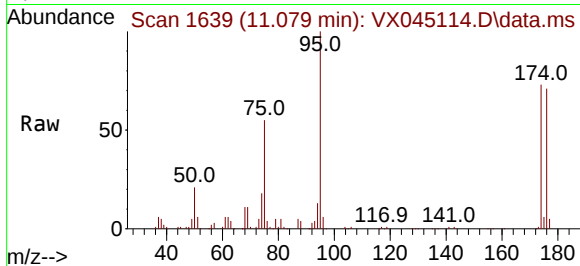




#62
4-Bromofluorobenzene
Concen: 53.172 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045114.D
Acq: 03 Mar 2025 15:40

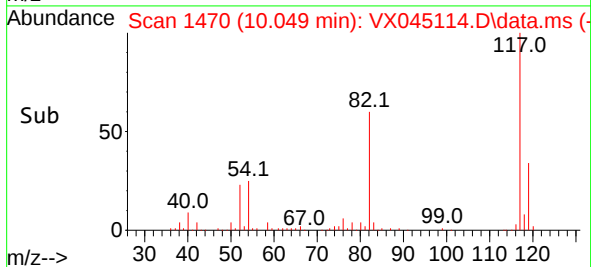
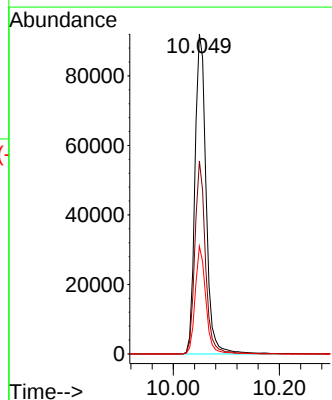
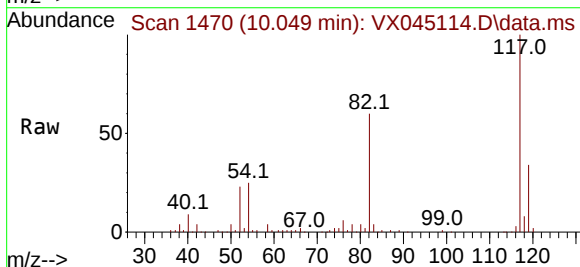
Instrument :
MSVOA_X
ClientSampleId :

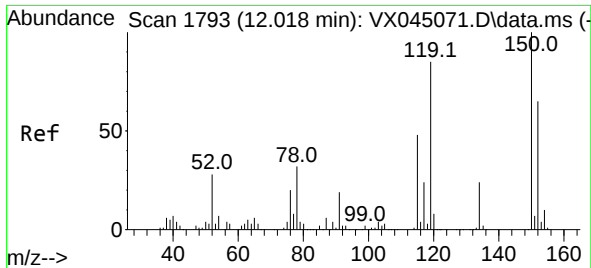
Tgt Ion: 95 Resp: 62329
Ion Ratio Lower Upper
95 100
174 74.0 0.0 148.2
176 70.5 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045114.D
Acq: 03 Mar 2025 15:40

Tgt Ion: 117 Resp: 134249
Ion Ratio Lower Upper
117 100
82 60.3 46.3 69.5
119 33.7 25.7 38.5

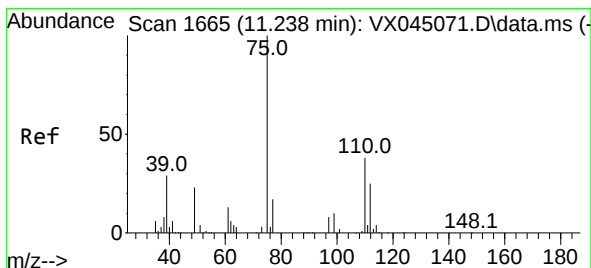
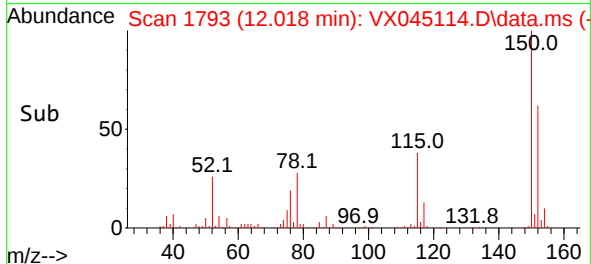
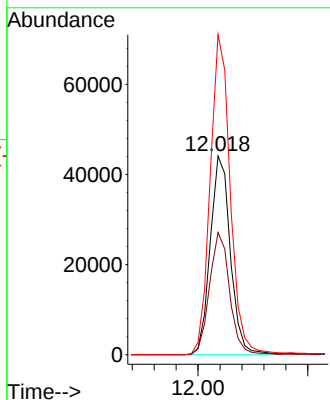
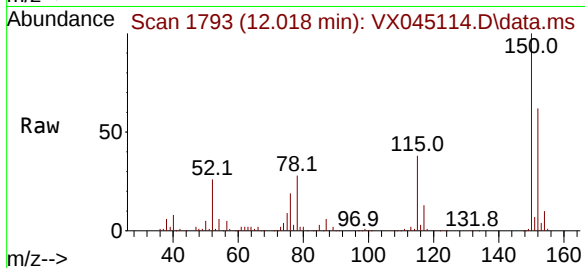




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045114.D
 Acq: 03 Mar 2025 15:40

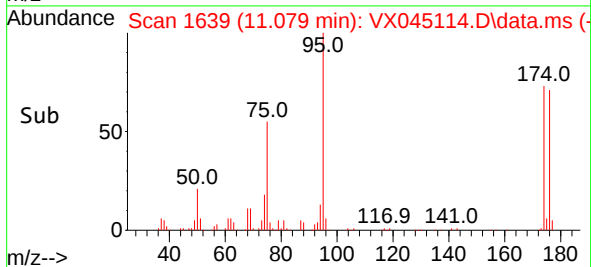
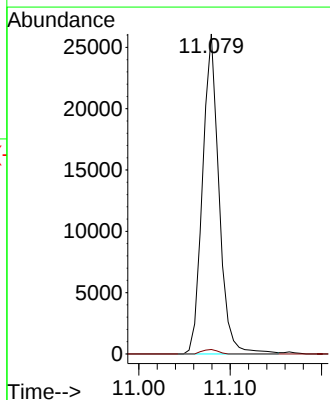
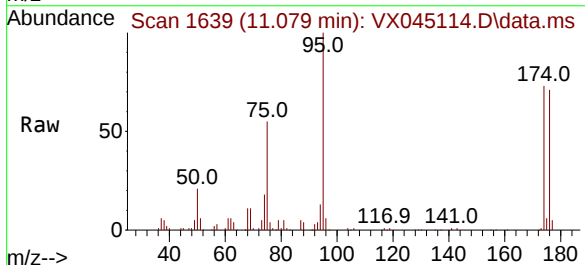
Instrument :
 MSVOA_X
 ClientSampleId :

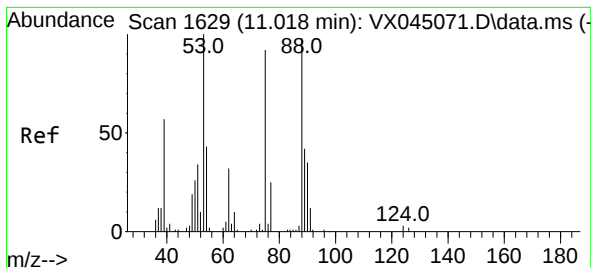
Tgt Ion:152 Resp: 56330
 Ion Ratio Lower Upper
 152 100
 115 61.8 44.2 132.6
 150 162.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.864 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045114.D
 Acq: 03 Mar 2025 15:40

Tgt Ion: 75 Resp: 32599
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.090 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045114.D
 Acq: 03 Mar 2025 15:40

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 32599
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.1 36.2 54.4#

