

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101424\
 Data File : VX043385.D
 Acq On : 14 Oct 2024 16:49
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 15 01:48:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

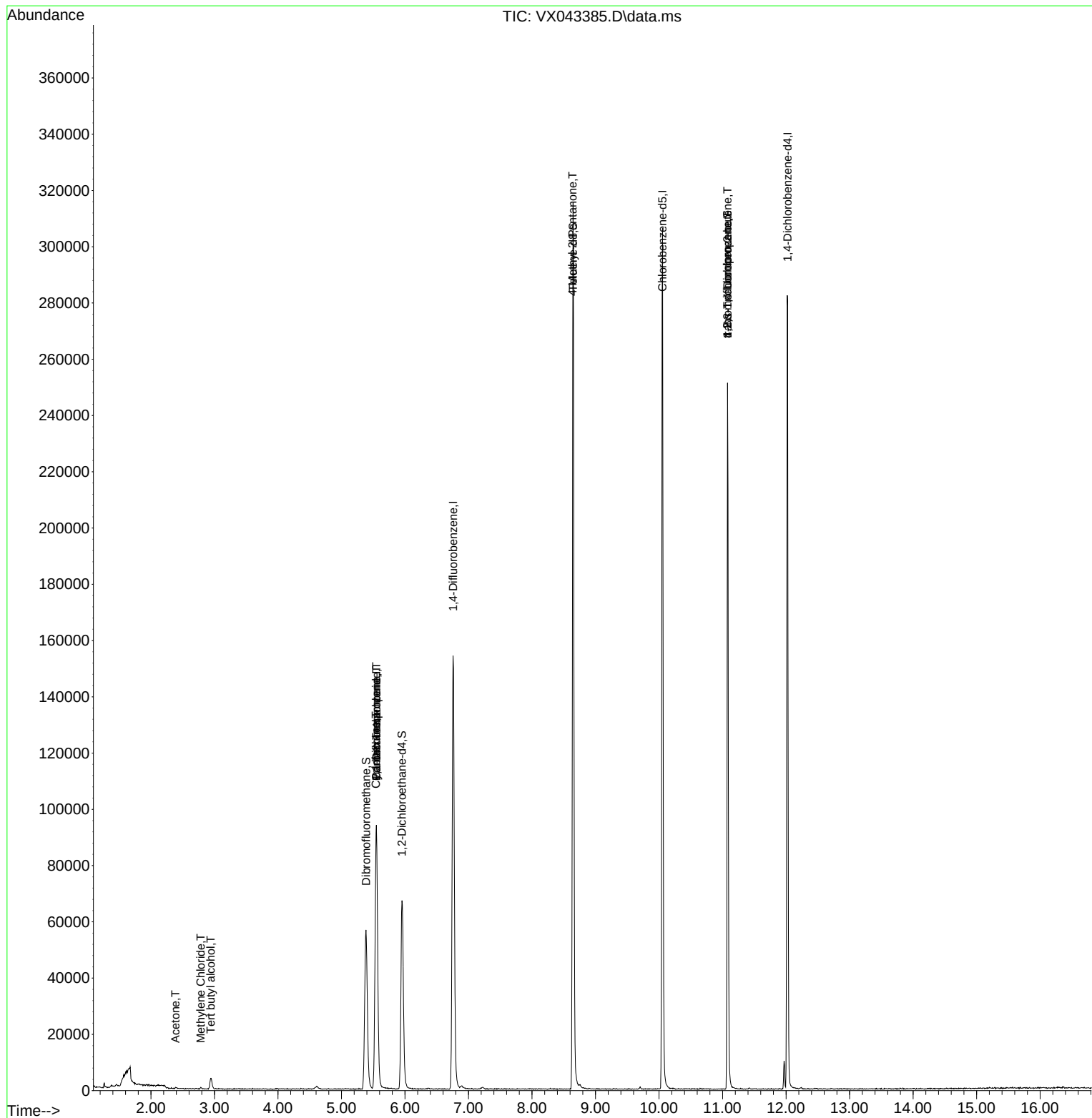
Internal Standards						
1) Pentafluorobenzene	5.550	168	85656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	157997	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70526	50.416	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.840%
35) Dibromofluoromethane	5.385	113	49932	45.826	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.660%
50) Toluene-d8	8.647	98	187962	49.778	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.560%
62) 4-Bromofluorobenzene	11.079	95	67389	49.125	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.240%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	2500	9.391	ug/l #	71
16) Acetone	2.386	43	599	1.025	ug/l #	47
20) Methylene Chloride	2.782	84	223	0.207	ug/l #	59
31) Cyclohexane	5.544	56	2113	1.400	ug/l #	42
36) 1,1-Dichloropropene	5.550	75	7686	5.584	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9704	5.955	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	1006	0.607	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37434	28.166	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	37434	72.995	ug/l #	8

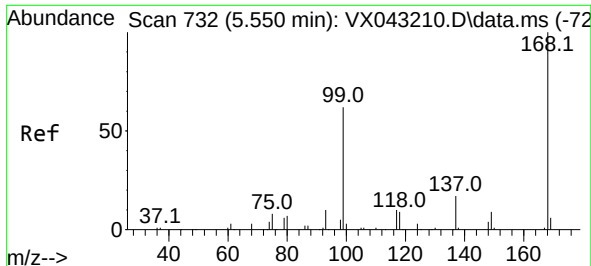
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 15 01:48:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration



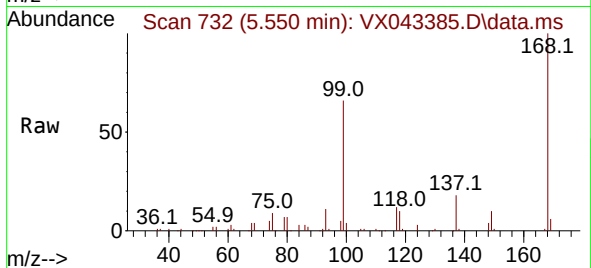


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043385.D
Acq: 14 Oct 2024 16:49

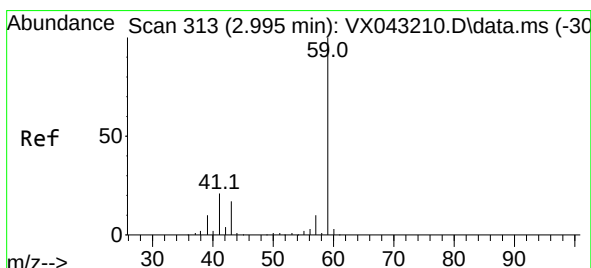
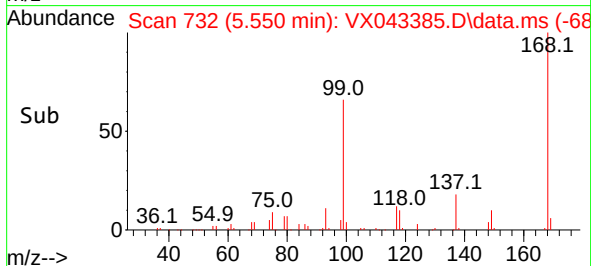
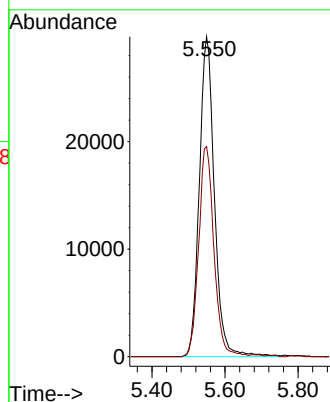
Instrument :

MSVOA_X

ClientSampleId :

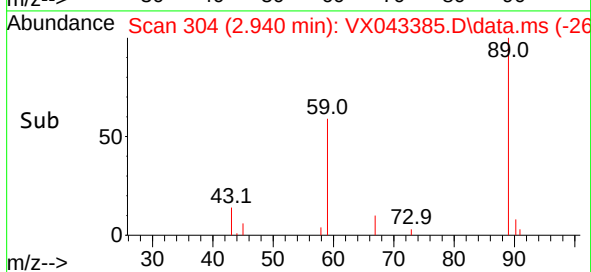
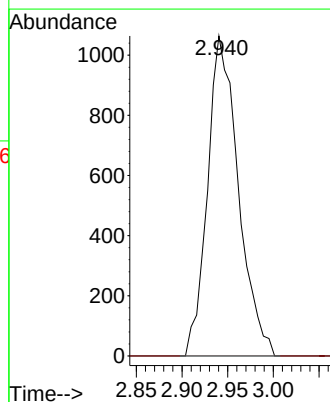
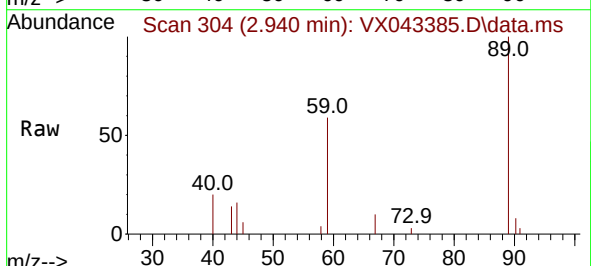


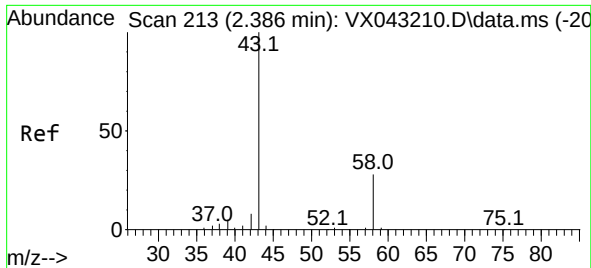
Tgt Ion:168 Resp: 85656
Ion Ratio Lower Upper
168 100
99 65.7 49.7 74.5



#11
Tert butyl alcohol
Concen: 9.391 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX043385.D
Acq: 14 Oct 2024 16:49

Tgt Ion: 59 Resp: 2500
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

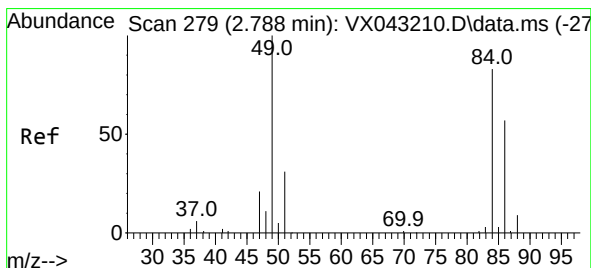
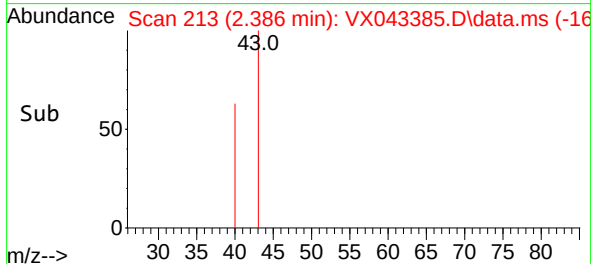
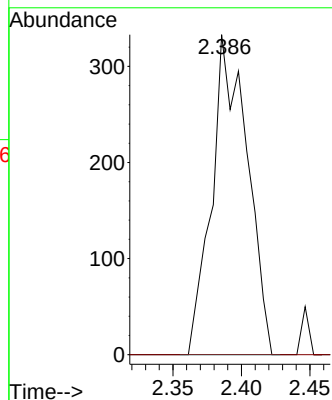
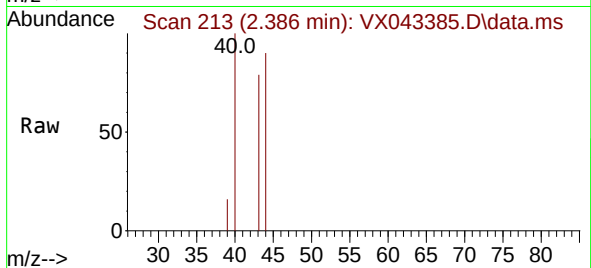




#16
Acetone
Concen: 1.025 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043385.D
Acq: 14 Oct 2024 16:49

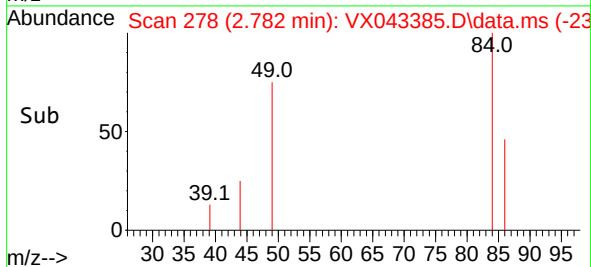
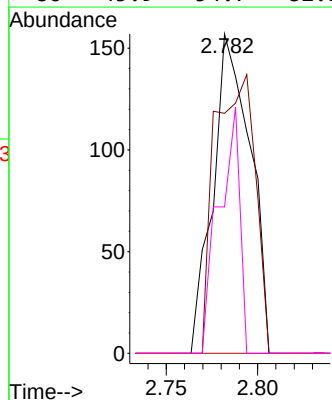
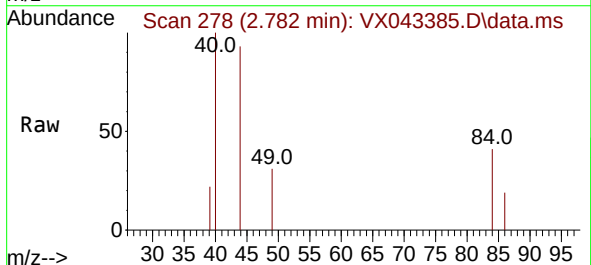
Instrument :
MSVOA_X
ClientSampleId :

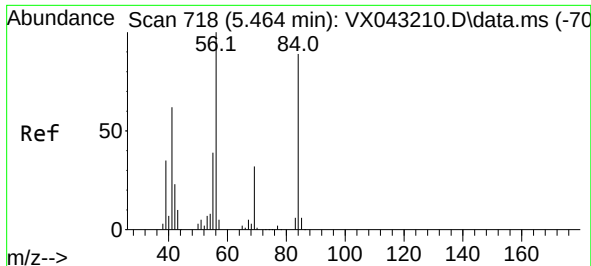
Tgt Ion: 43 Resp: 599
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#



#20
Methylene Chloride
Concen: 0.207 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX043385.D
Acq: 14 Oct 2024 16:49

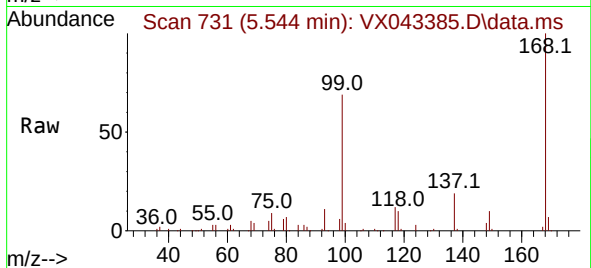
Tgt Ion: 84 Resp: 223
Ion Ratio Lower Upper
84 100
49 75.2 96.7 145.1#
51 0.0 30.4 45.6#
86 45.9 54.7 82.1#



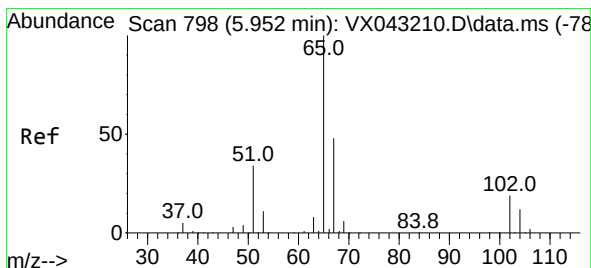
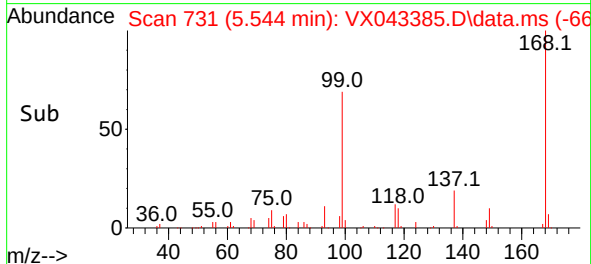
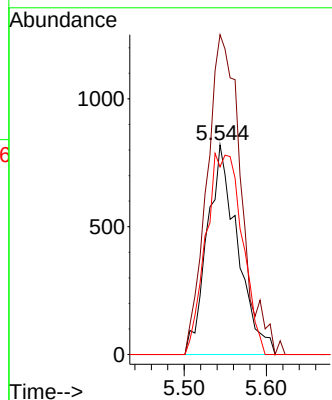


#31
Cyclohexane
Concen: 1.400 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX043385.D
Acq: 14 Oct 2024 16:49

Instrument :
MSVOA_X
ClientSampleId :

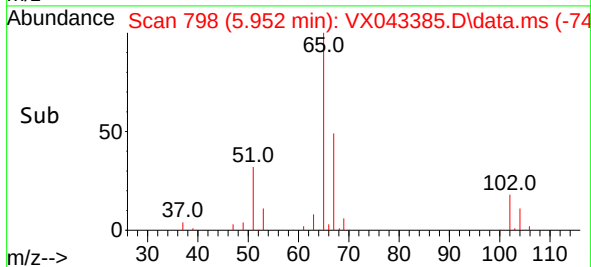
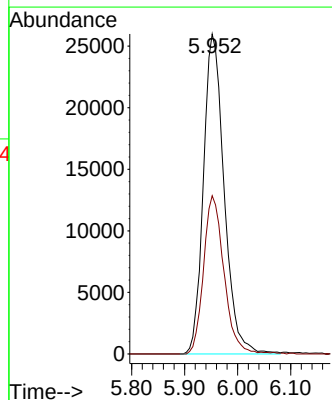
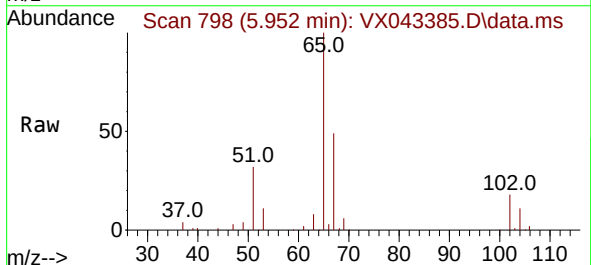


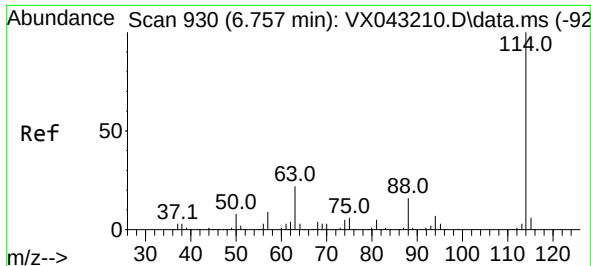
Tgt Ion: 56 Resp: 2113
Ion Ratio Lower Upper
56 100
69 152.6 25.8 38.6#
84 89.5 71.1 106.7



#33
1,2-Dichloroethane-d4
Concen: 50.416 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043385.D
Acq: 14 Oct 2024 16:49

Tgt Ion: 65 Resp: 70526
Ion Ratio Lower Upper
65 100
67 48.8 0.0 99.0

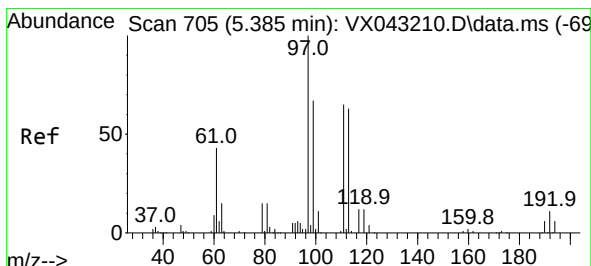
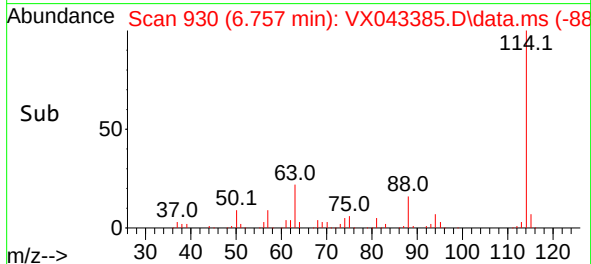
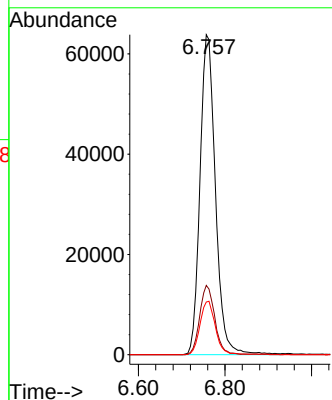
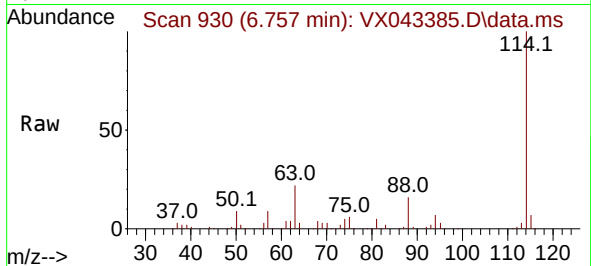




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043385.D
Acq: 14 Oct 2024 16:49

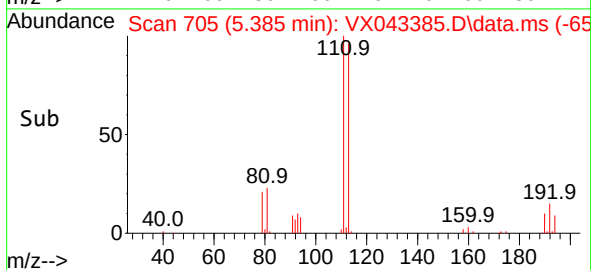
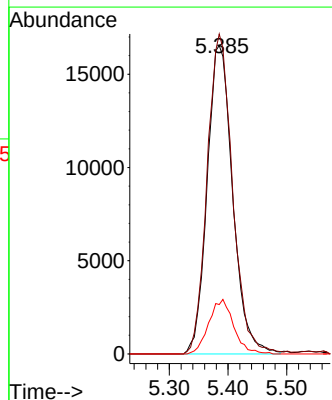
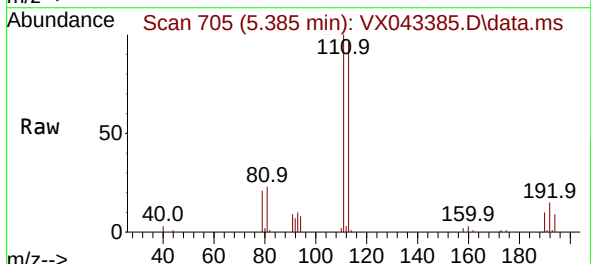
Instrument :
MSVOA_X
ClientSampleId :

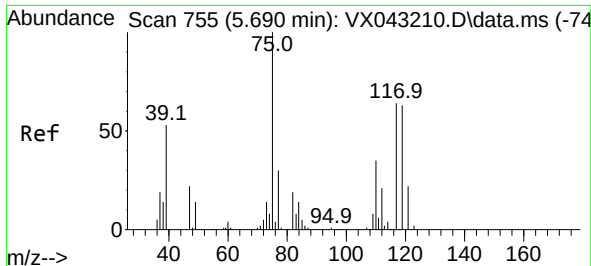
Tgt Ion:114 Resp: 157997
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.0
88 16.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 45.826 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043385.D
Acq: 14 Oct 2024 16:49

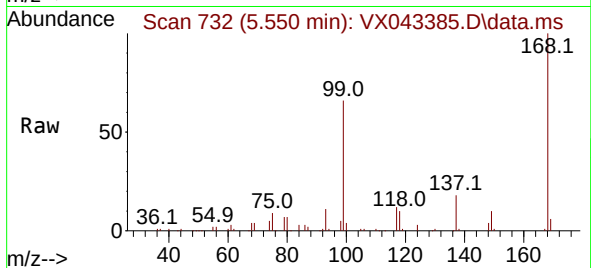
Tgt Ion:113 Resp: 49932
Ion Ratio Lower Upper
113 100
111 103.0 83.4 125.0
192 17.3 14.1 21.1



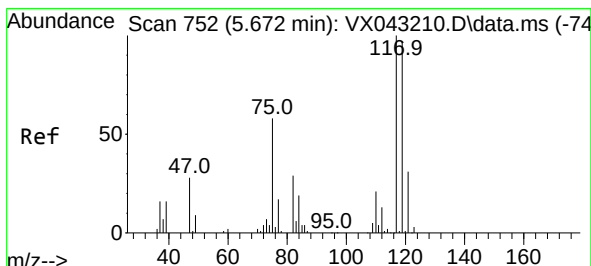
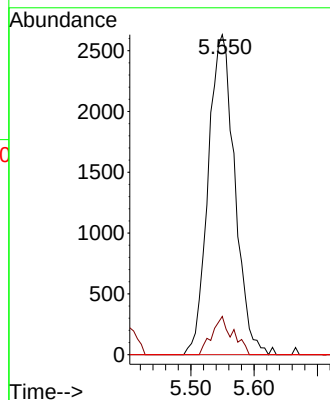
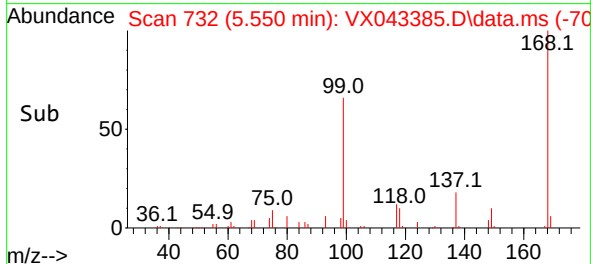


#36
1,1-Dichloropropene
Concen: 5.584 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX043385.D
Acq: 14 Oct 2024 16:49

Instrument :
MSVOA_X
ClientSampleId :

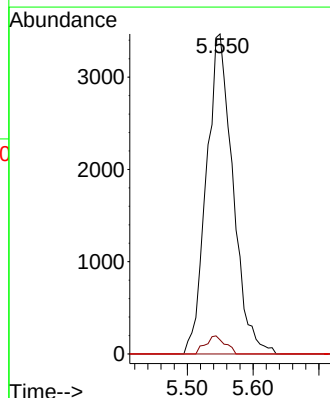
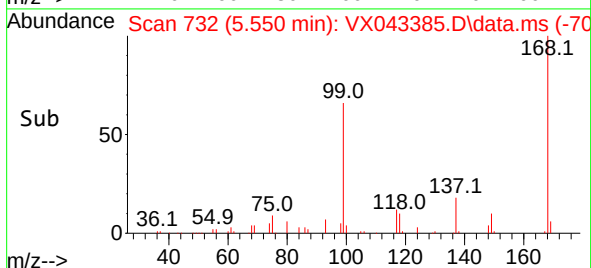
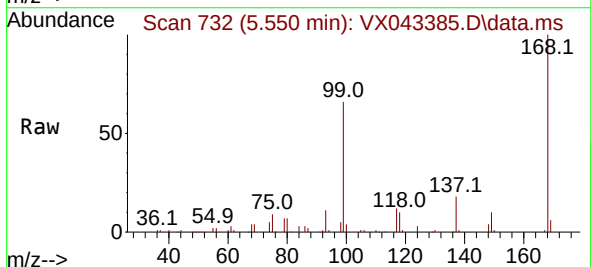


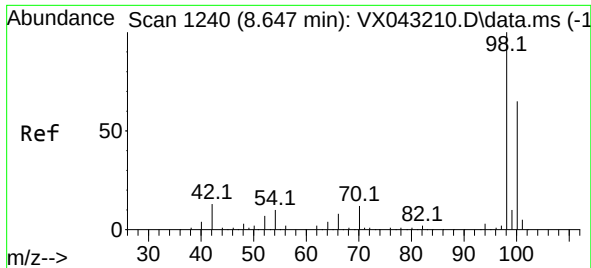
Tgt Ion: 75 Resp: 7686
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.955 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX043385.D
Acq: 14 Oct 2024 16:49

Tgt Ion: 117 Resp: 9704
Ion Ratio Lower Upper
117 100
119 4.4 77.7 116.5#
121 0.0 24.3 36.5#

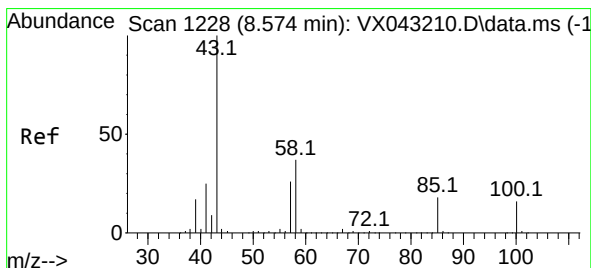
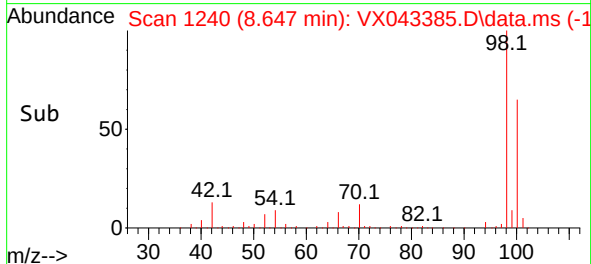
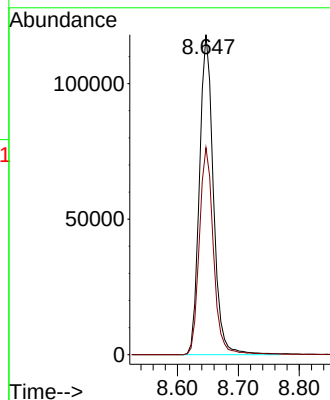
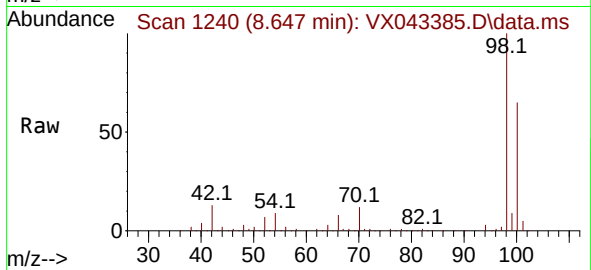




#50
Toluene-d8
Concen: 49.778 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043385.D
Acq: 14 Oct 2024 16:49

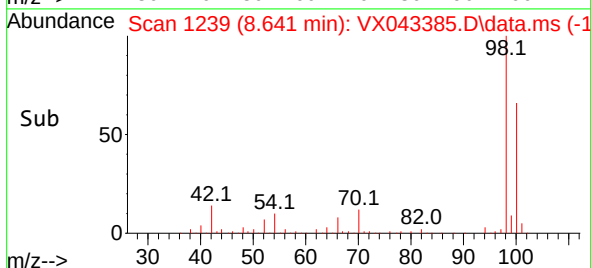
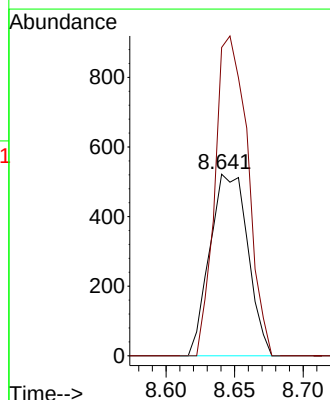
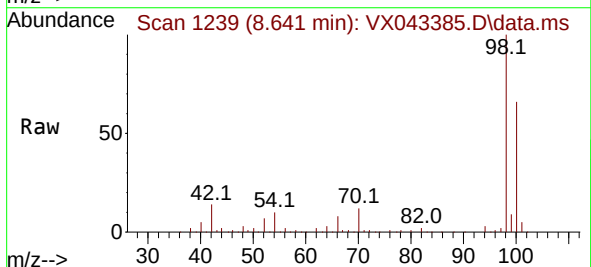
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MSVOA_X
ClientSampleId :

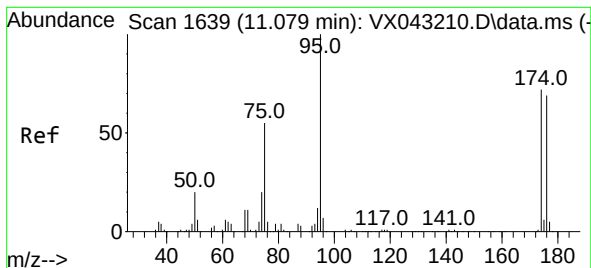
Tgt Ion: 98 Resp: 187962
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 0.607 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX043385.D
Acq: 14 Oct 2024 16:49

Tgt Ion: 43 Resp: 1006
Ion Ratio Lower Upper
43 100
58 151.5 30.0 45.0#

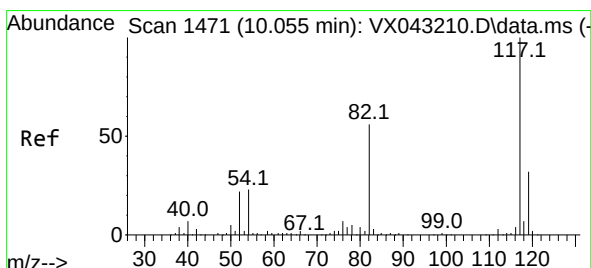
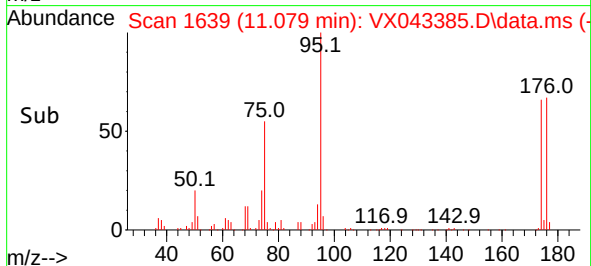
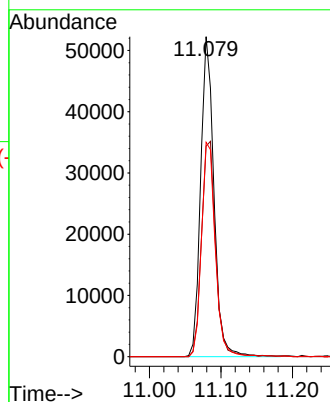
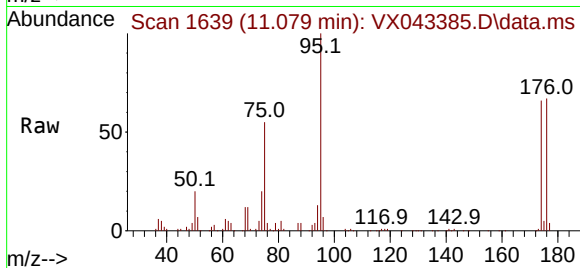




#62
4-Bromofluorobenzene
Concen: 49.125 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043385.D
Acq: 14 Oct 2024 16:49

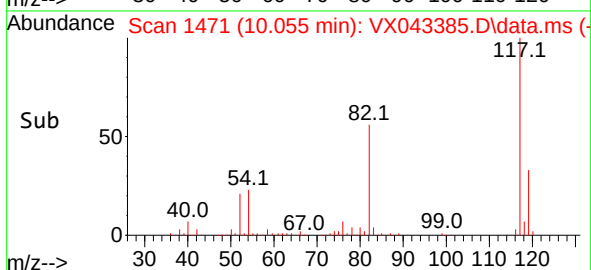
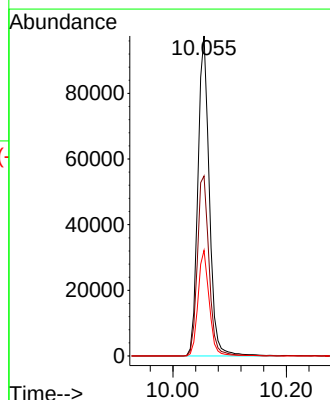
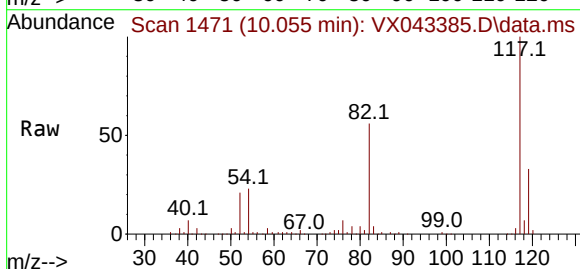
Instrument :
MSVOA_X
ClientSampleId :

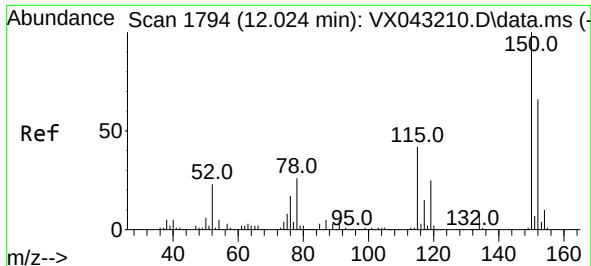
Tgt Ion: 95 Resp: 67389
Ion Ratio Lower Upper
95 100
174 71.5 0.0 145.0
176 69.7 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043385.D
Acq: 14 Oct 2024 16:49

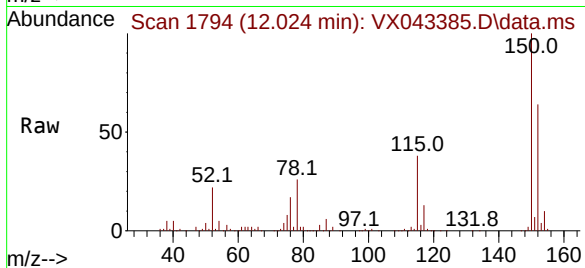
Tgt Ion: 117 Resp: 136129
Ion Ratio Lower Upper
117 100
82 56.3 45.0 67.6
119 33.0 25.3 37.9



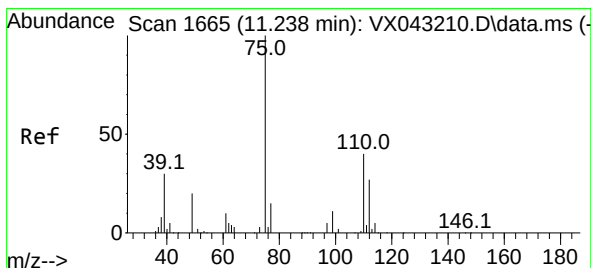
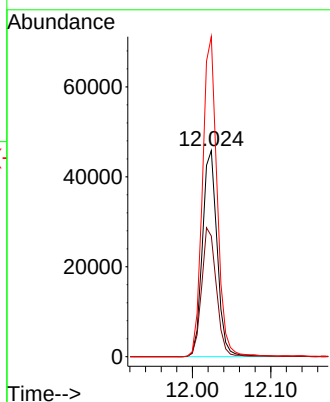
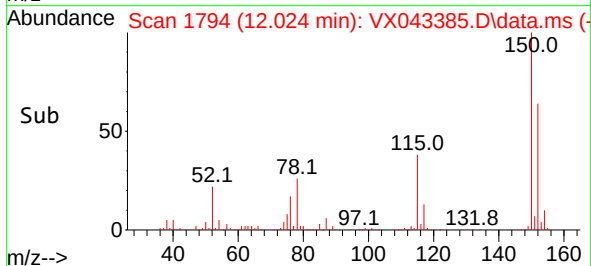


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX043385.D
 Acq: 14 Oct 2024 16:49

Instrument :
 MSVOA_X
 ClientSampleId :

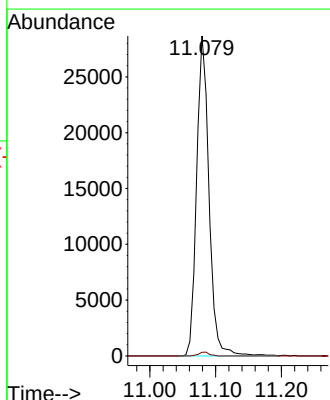
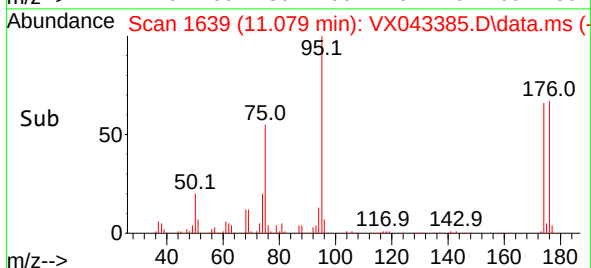
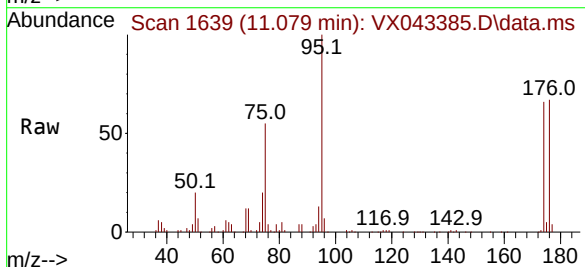


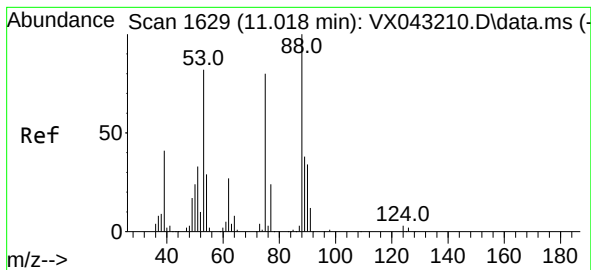
Tgt Ion:152 Resp: 59919
 Ion Ratio Lower Upper
 152 100
 115 63.1 44.1 132.3
 150 153.6 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 28.166 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX043385.D
 Acq: 14 Oct 2024 16:49

Tgt Ion: 75 Resp: 37434
 Ion Ratio Lower Upper
 75 100
 77 1.0 22.0 66.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.995 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043385.D
 Acq: 14 Oct 2024 16:49

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 37434
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.9 125.9#
 89 0.0 38.6 58.0#

