

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
 Data File : VX043496.D
 Acq On : 23 Oct 2024 18:32
 Operator : JC/MD
 Sample : P4442-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 24 06:10:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 04:54:33 2024
 Response via : Initial Calibration

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

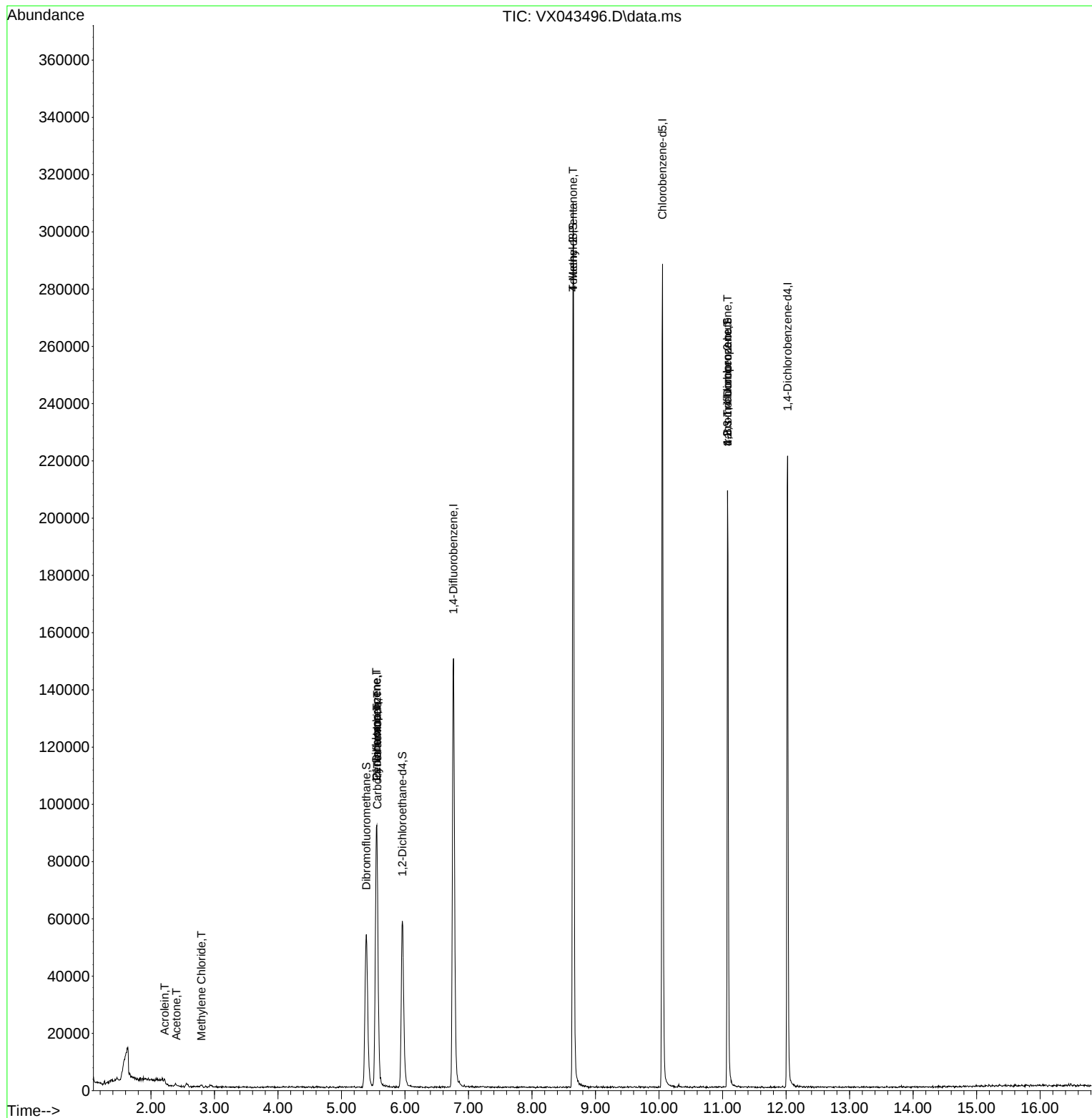
Internal Standards						
1) Pentafluorobenzene	5.556	168	85164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	154383	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59991	41.059	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.120%
35) Dibromofluoromethane	5.391	113	50120	47.197	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.400%
50) Toluene-d8	8.647	98	184489	49.495	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.980%
62) 4-Bromofluorobenzene	11.079	95	58174	40.865	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	81.720%
Target Compounds						
					Qvalue	
13) Acrolein	2.215	56	72	0.340	ug/l #	14
16) Acetone	2.398	43	823	1.512	ug/l #	87
20) Methylene Chloride	2.794	84	262	0.216	ug/l #	71
31) Cyclohexane	5.556	56	1975	1.320	ug/l #	13
36) 1,1-Dichloropropene	5.550	75	7316	5.818	ug/l #	49
38) Carbon Tetrachloride	5.562	117	10069	7.325	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1046	0.789	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30286	31.364	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	30286	115.831	ug/l #	3

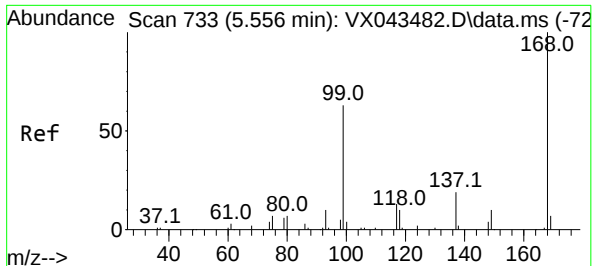
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
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Response via : Initial Calibration



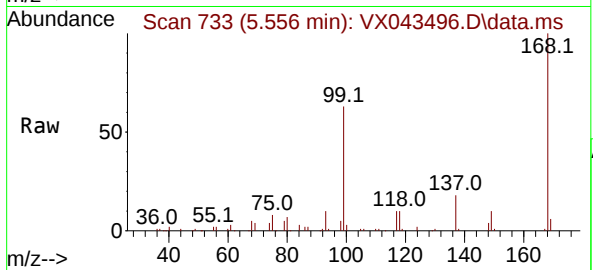


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043496.D
Acq: 23 Oct 2024 18:32

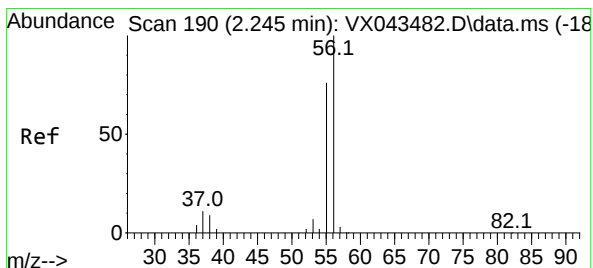
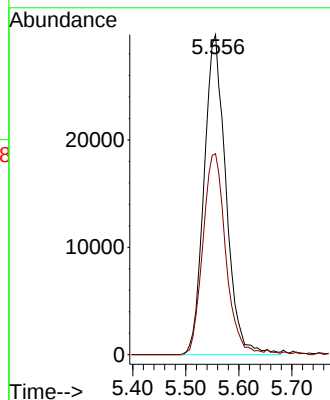
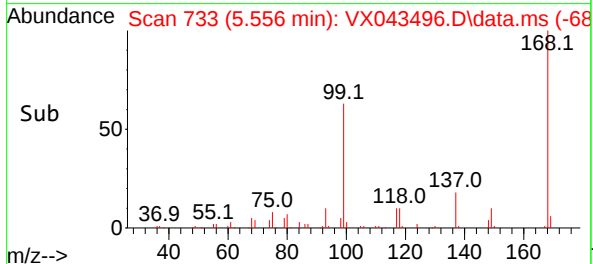
Instrument :

MSVOA_X

ClientSampleId :

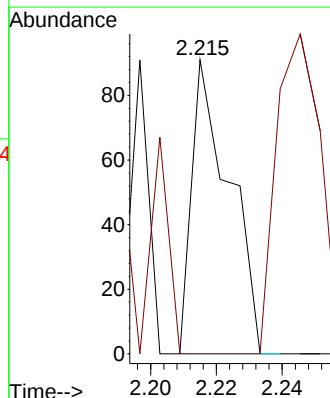
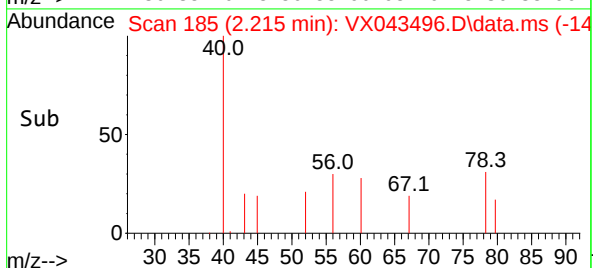
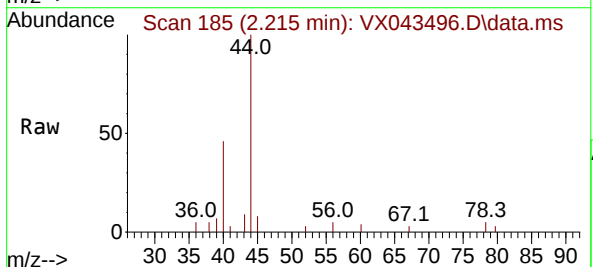


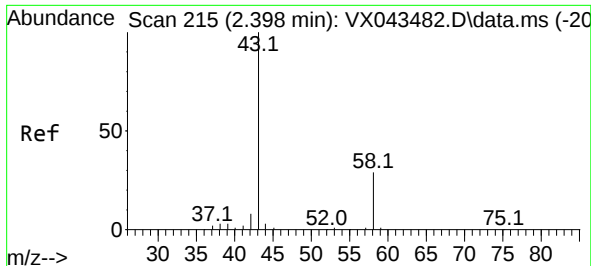
Tgt Ion:168 Resp: 85164
Ion Ratio Lower Upper
168 100
99 62.8 50.7 76.1



#13
Acrolein
Concen: 0.340 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.030 min
Lab File: VX043496.D
Acq: 23 Oct 2024 18:32

Tgt Ion: 56 Resp: 72
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#





#16

Acetone

Concen: 1.512 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.000 min

Lab File: VX043496.D

Acq: 23 Oct 2024 18:32

Instrument :

MSVOA_X

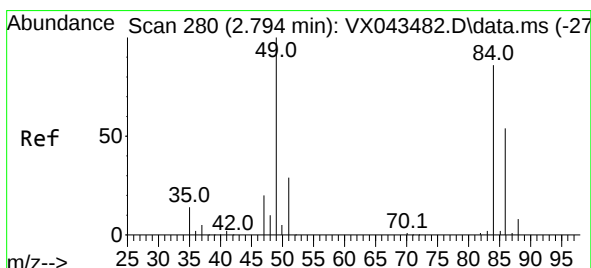
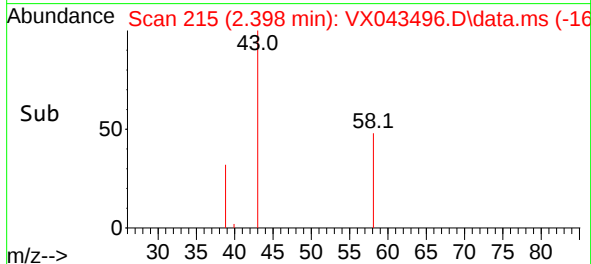
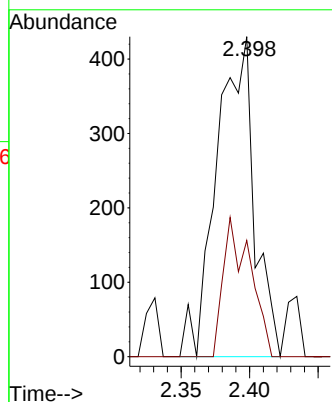
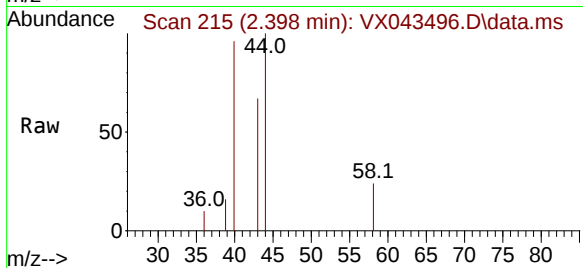
ClientSampleId :

Tgt Ion: 43 Resp: 823

Ion Ratio Lower Upper

43 100

58 36.3 23.3 34.9#



#20

Methylene Chloride

Concen: 0.216 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX043496.D

Acq: 23 Oct 2024 18:32

Tgt Ion: 84 Resp: 262

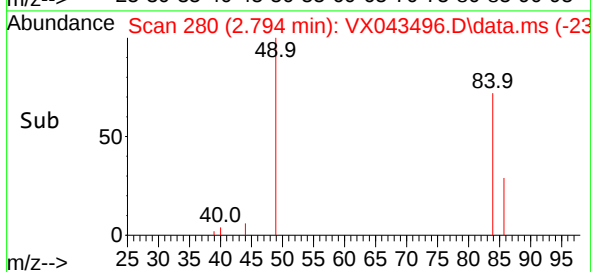
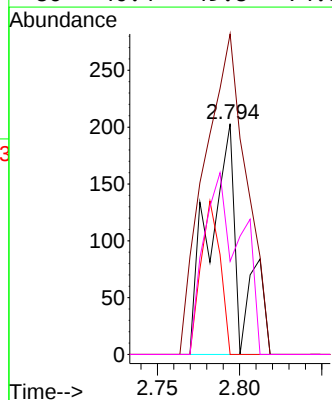
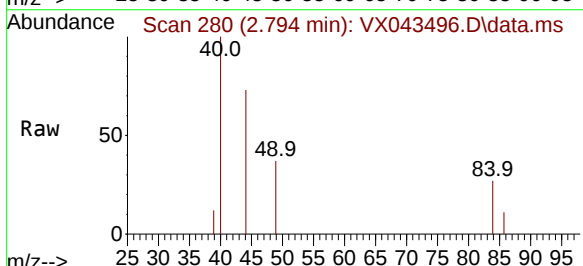
Ion Ratio Lower Upper

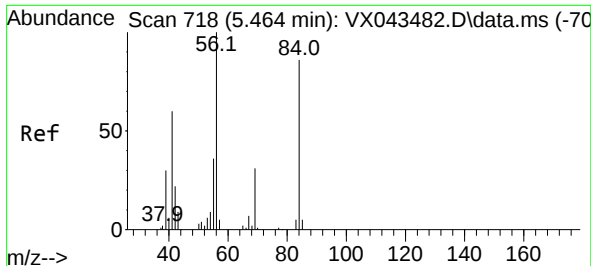
84 100

49 138.9 92.9 139.3

51 0.0 27.2 40.8#

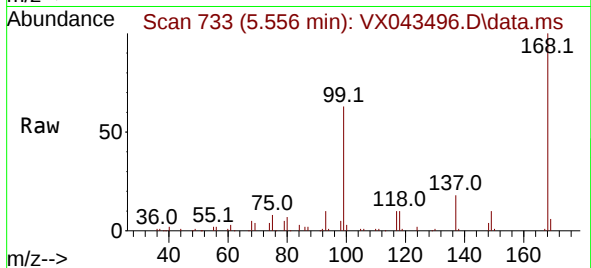
86 40.4 49.8 74.8#



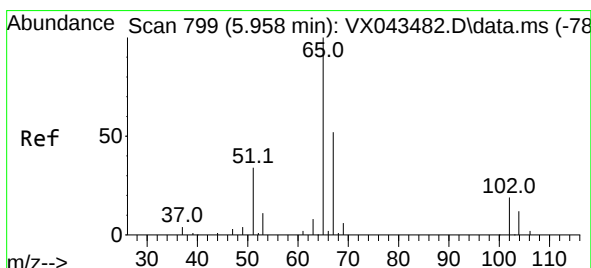
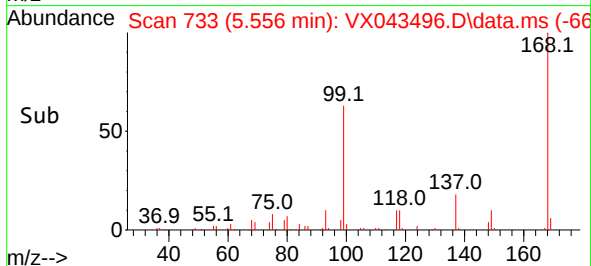
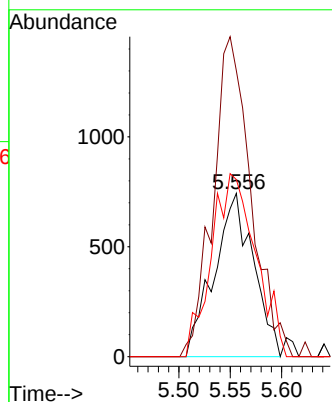


#31
Cyclohexane
Concen: 1.320 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX043496.D
Acq: 23 Oct 2024 18:32

Instrument :
MSVOA_X
ClientSampleId :

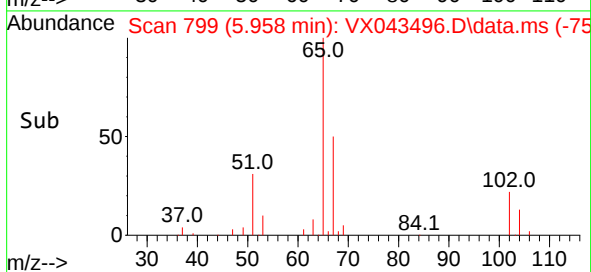
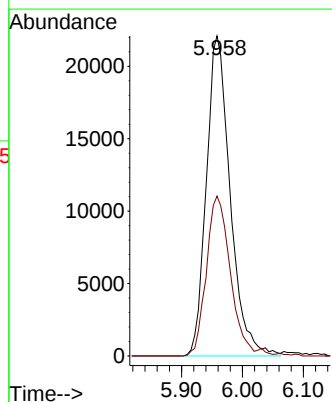
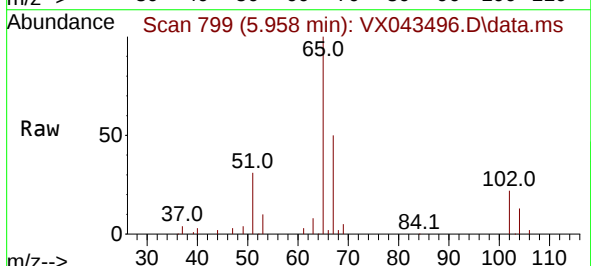


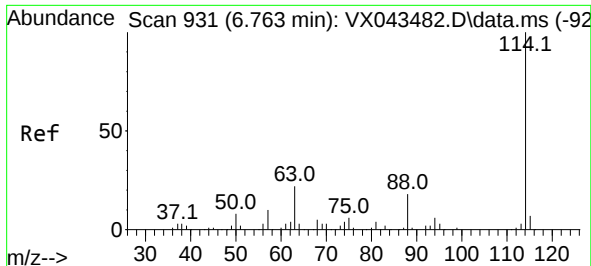
Tgt Ion: 56 Resp: 1975
Ion Ratio Lower Upper
56 100
69 175.1 24.6 36.8#
84 108.5 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 41.059 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX043496.D
Acq: 23 Oct 2024 18:32

Tgt Ion: 65 Resp: 59991
Ion Ratio Lower Upper
65 100
67 50.7 0.0 98.4

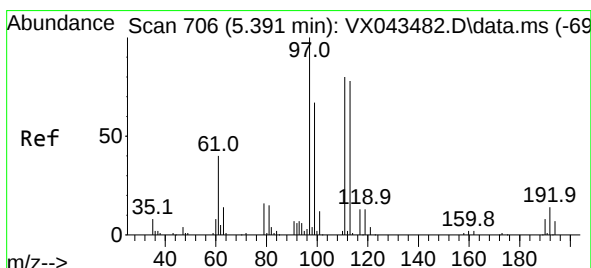
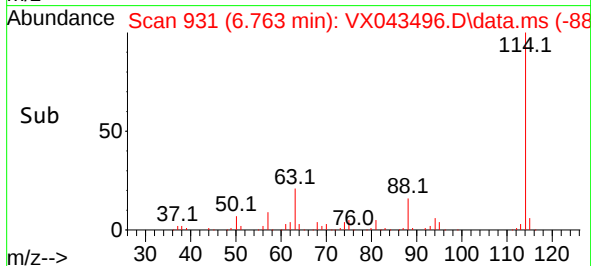
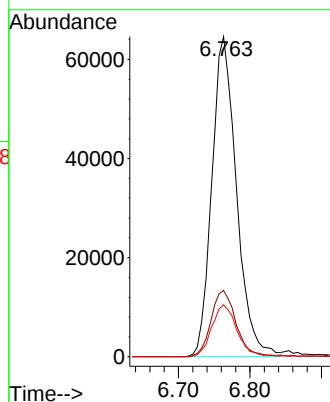
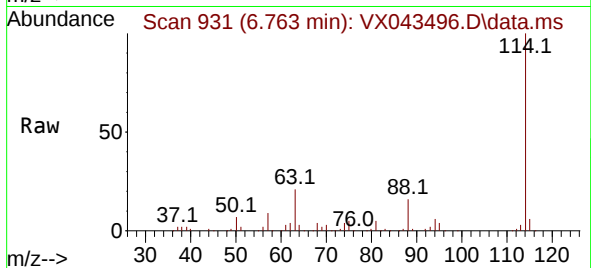




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043496.D
Acq: 23 Oct 2024 18:32

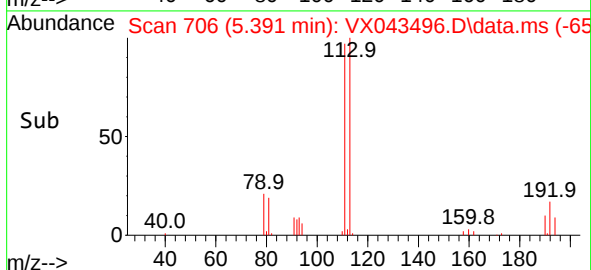
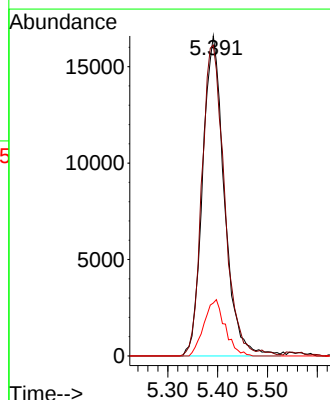
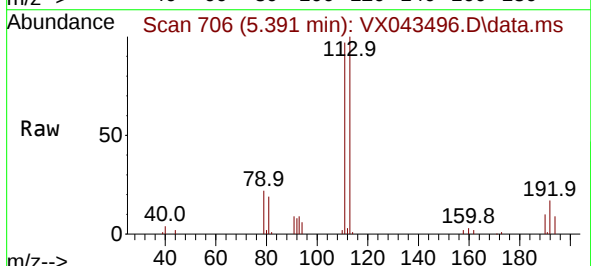
Instrument :
MSVOA_X
ClientSampleId :

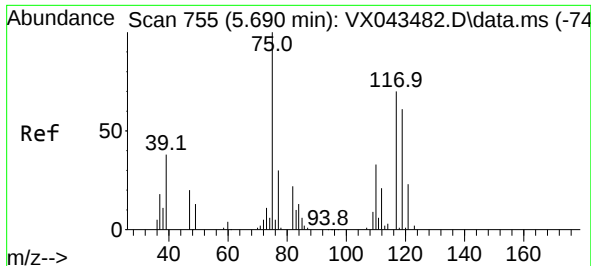
Tgt Ion:114 Resp: 154383
Ion Ratio Lower Upper
114 100
63 20.7 0.0 44.0
88 16.2 0.0 35.2



#35
Dibromofluoromethane
Concen: 47.197 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX043496.D
Acq: 23 Oct 2024 18:32

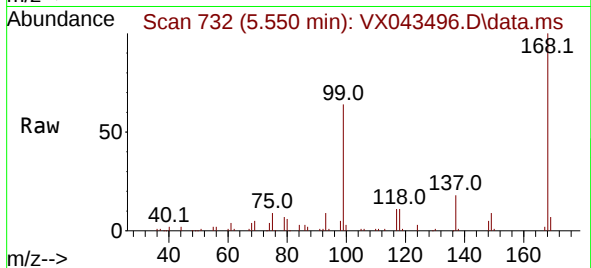
Tgt Ion:113 Resp: 50120
Ion Ratio Lower Upper
113 100
111 100.1 82.1 123.1
192 17.1 13.8 20.8



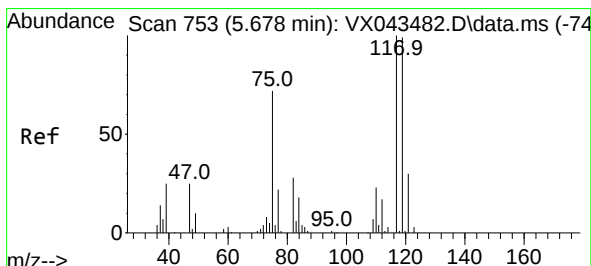
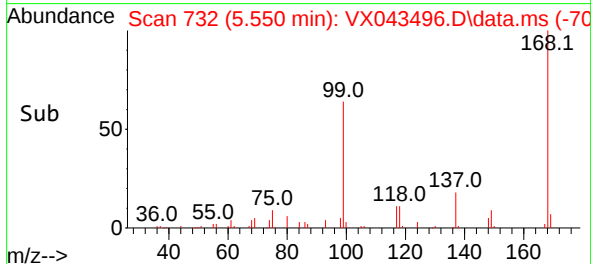
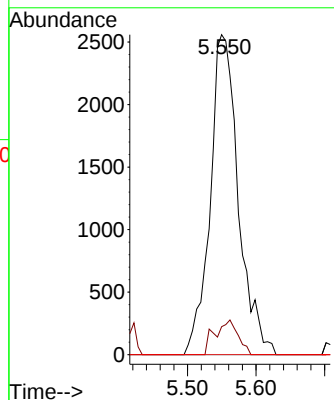


#36
 1,1-Dichloropropene
 Concen: 5.818 ug/l
 RT: 5.550 min Scan# 71
 Delta R.T. -0.140 min
 Lab File: VX043496.D
 Acq: 23 Oct 2024 18:32

Instrument :
 MSVOA_X
 ClientSampleId :

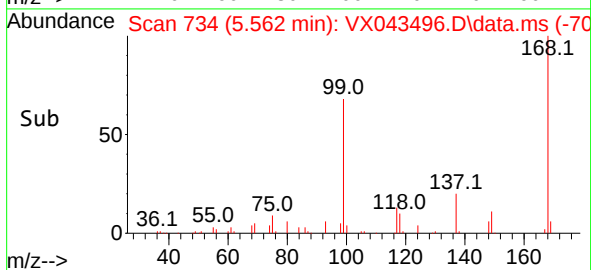
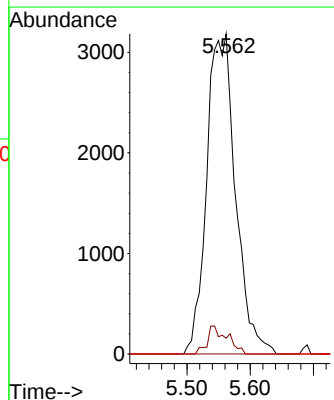
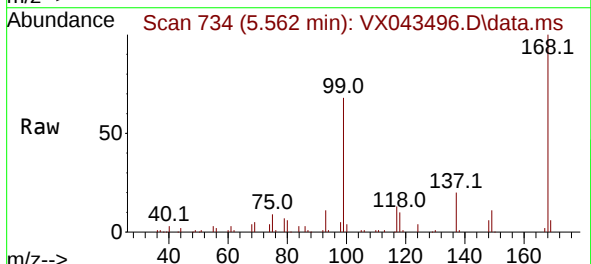


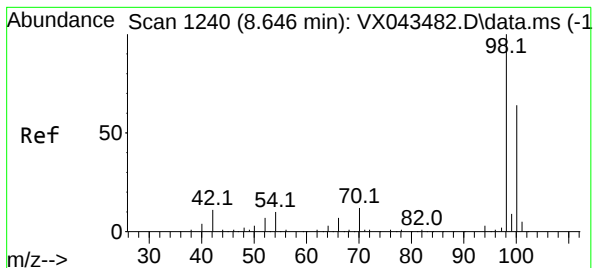
Tgt Ion: 75 Resp: 7316
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.8 53.5#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 7.325 ug/l
 RT: 5.562 min Scan# 734
 Delta R.T. -0.116 min
 Lab File: VX043496.D
 Acq: 23 Oct 2024 18:32

Tgt Ion: 117 Resp: 10069
 Ion Ratio Lower Upper
 117 100
 119 4.9 78.6 117.8#
 121 0.0 23.6 35.4#





#50

Toluene-d8

Concen: 49.495 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX043496.D

Acq: 23 Oct 2024 18:32

Instrument :

MSVOA_X

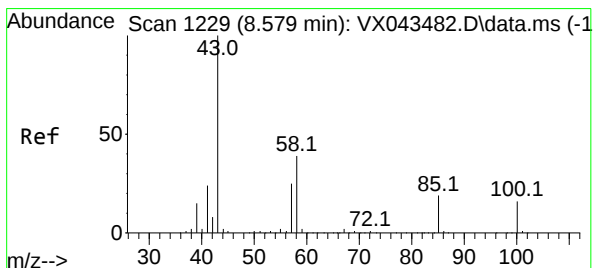
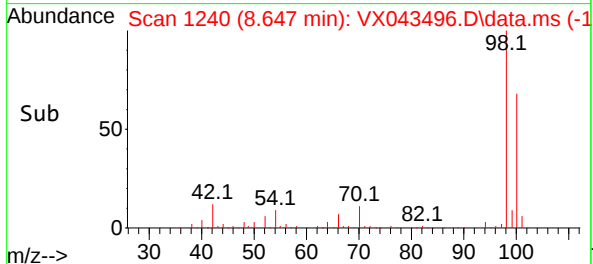
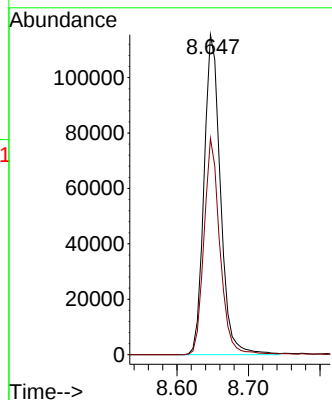
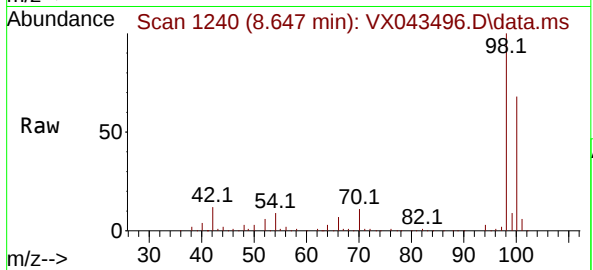
ClientSampleId :

Tgt Ion: 98 Resp: 184489

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3



#51

4-Methyl-2-Pentanone

Concen: 0.789 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX043496.D

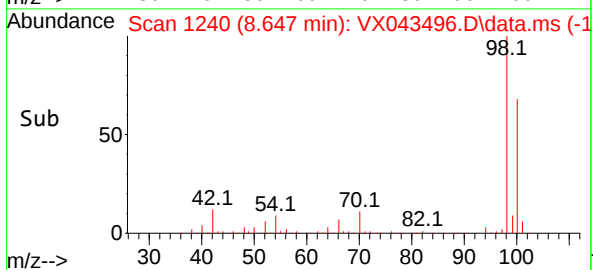
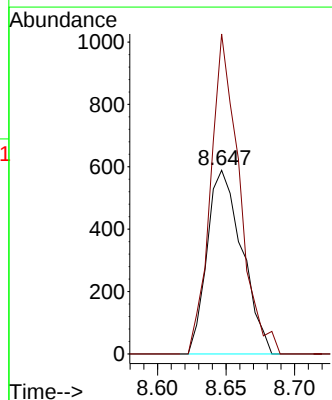
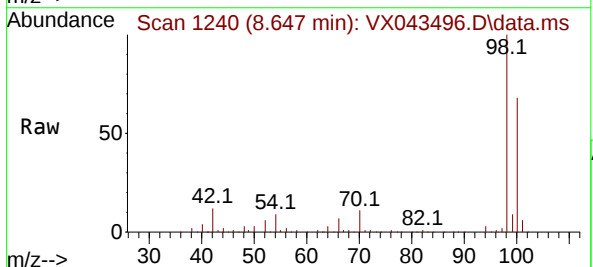
Acq: 23 Oct 2024 18:32

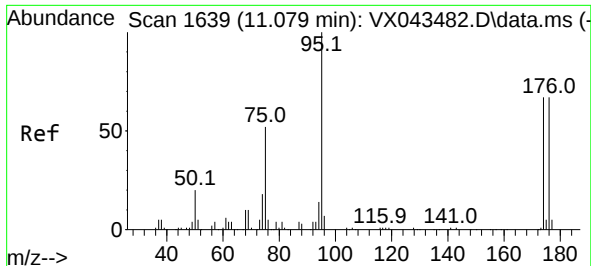
Tgt Ion: 43 Resp: 1046

Ion Ratio Lower Upper

43 100

58 143.3 29.8 44.8#





#62

4-Bromofluorobenzene

Concen: 40.865 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043496.D

Acq: 23 Oct 2024 18:32

Instrument :

MSVOA_X

ClientSampleId :

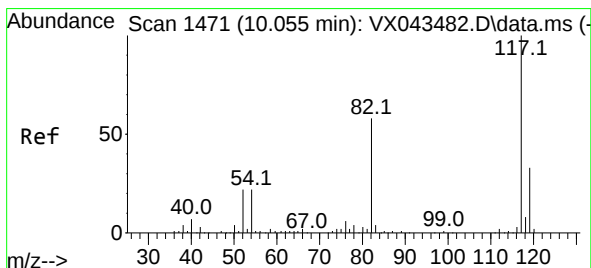
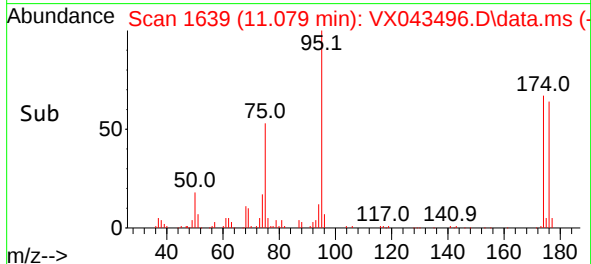
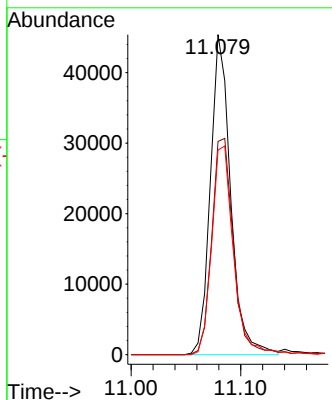
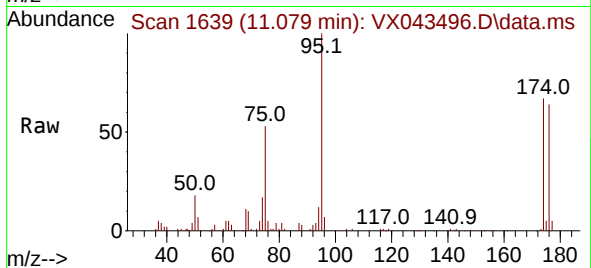
Tgt Ion: 95 Resp: 58174

Ion Ratio Lower Upper

95 100

174 73.8 0.0 148.6

176 70.3 0.0 142.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX043496.D

Acq: 23 Oct 2024 18:32

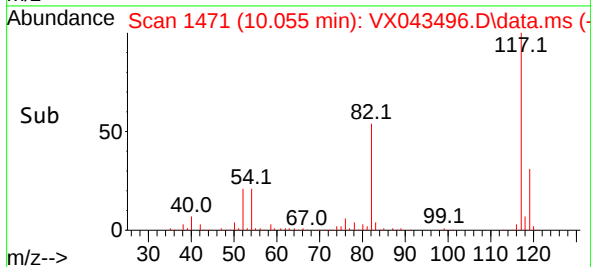
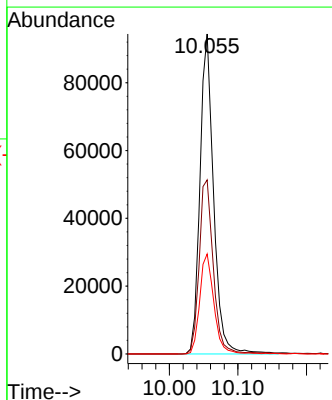
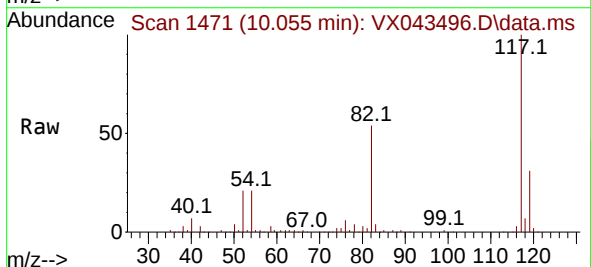
Tgt Ion: 117 Resp: 130712

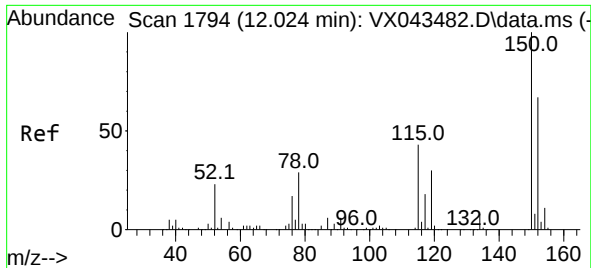
Ion Ratio Lower Upper

117 100

82 54.4 46.0 69.0

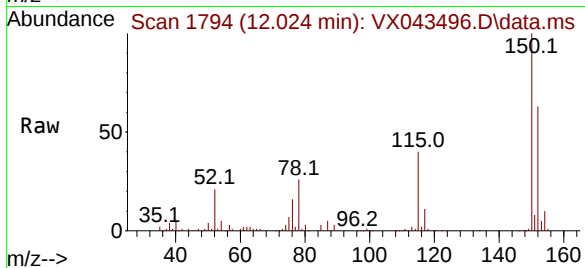
119 31.3 26.2 39.2



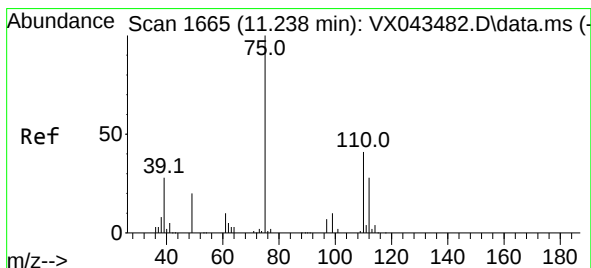
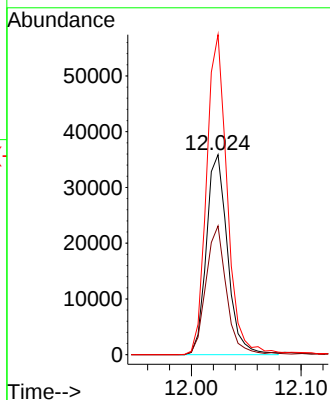
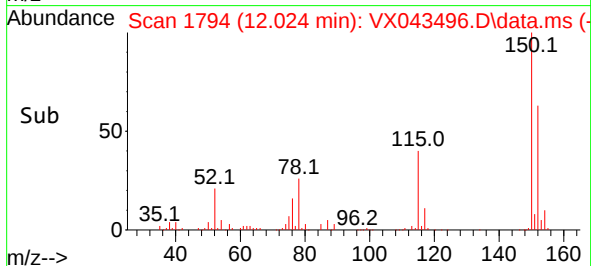


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX043496.D
 Acq: 23 Oct 2024 18:32

Instrument :
 MSVOA_X
 ClientSampleId :

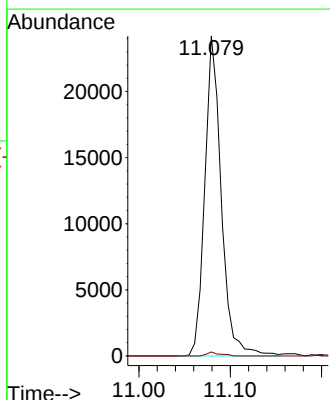
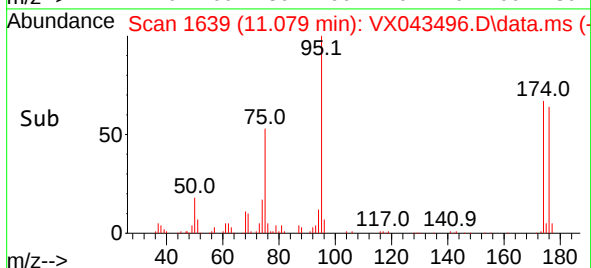
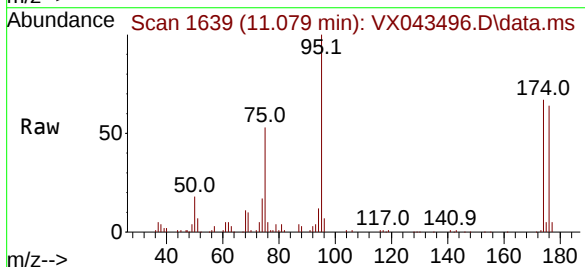


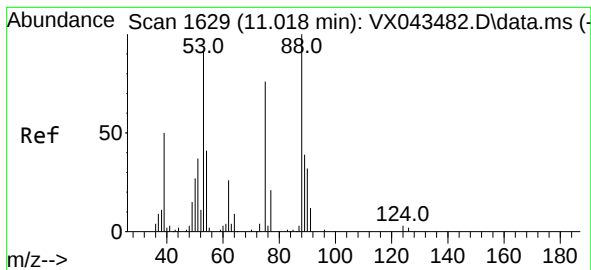
Tgt Ion:152 Resp: 48145
 Ion Ratio Lower Upper
 152 100
 115 62.9 43.4 130.2
 150 157.6 0.0 337.2



#76
 1,2,3-Trichloropropane
 Concen: 31.364 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX043496.D
 Acq: 23 Oct 2024 18:32

Tgt Ion: 75 Resp: 30286
 Ion Ratio Lower Upper
 75 100
 77 1.0 21.6 65.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.831 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043496.D
 Acq: 23 Oct 2024 18:32

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 30286
 Ion Ratio Lower Upper
 75 100
 53 0.0 95.6 143.4#
 89 0.0 40.1 60.1#

