

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100324\
 Data File : VX043258.D
 Acq On : 03 Oct 2024 13:39
 Operator : JC/MD
 Sample : P4278-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 04 01:31:23 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)

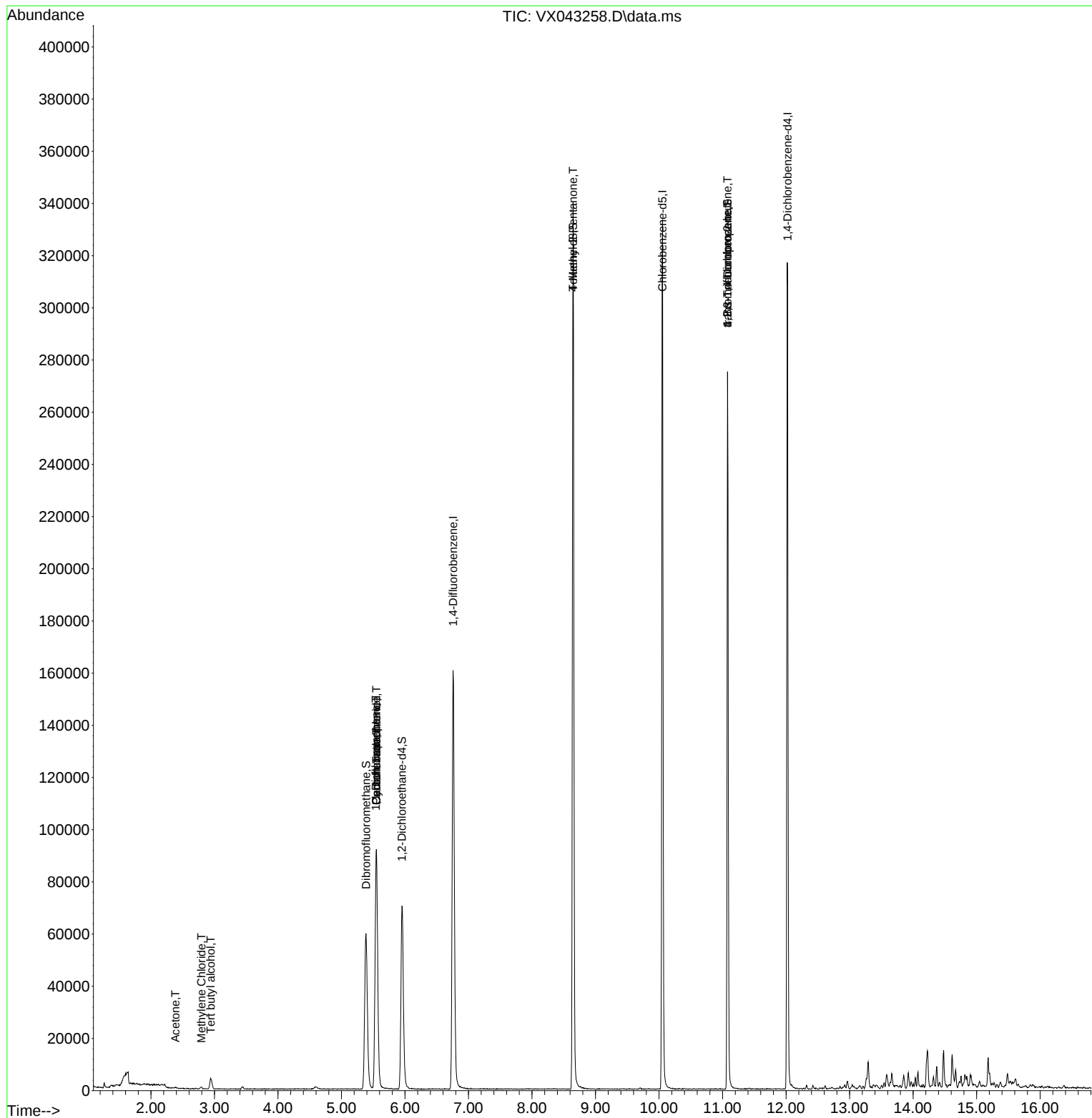
Internal Standards						
1) Pentafluorobenzene	5.550	168	82675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	161555	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73246	54.248	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125		Recovery	= 108.500%	
35) Dibromofluoromethane	5.385	113	53225	47.772	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124		Recovery	= 95.540%	
50) Toluene-d8	8.647	98	198036	51.291	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113		Recovery	= 102.580%	
62) 4-Bromofluorobenzene	11.079	95	74599	53.183	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121		Recovery	= 106.360%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	2380	9.263	ug/l #	71
16) Acetone	2.386	43	638	1.131	ug/l #	86
20) Methylene Chloride	2.794	84	319	0.307	ug/l	88
31) Cyclohexane	5.550	56	2227	1.529	ug/l #	36
36) 1,1-Dichloropropene	5.544	75	7284	5.175	ug/l #	49
38) Carbon Tetrachloride	5.550	117	9807	5.886	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1085	0.640	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40830	28.323	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	40830	73.403	ug/l #	8

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

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Quant Time: Oct 04 01:31:23 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



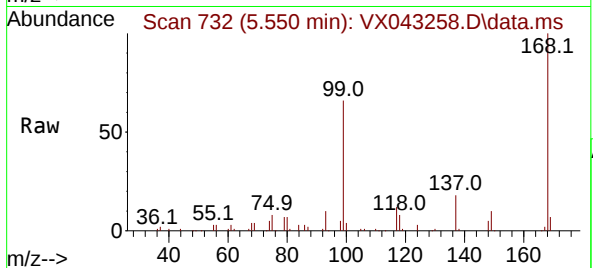


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043258.D
Acq: 03 Oct 2024 13:39

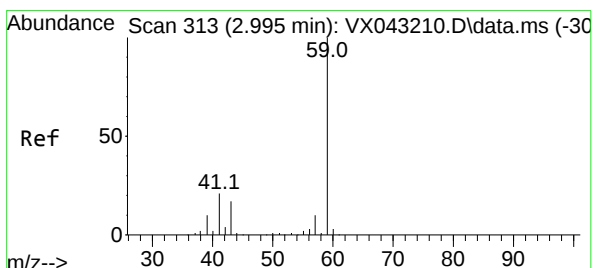
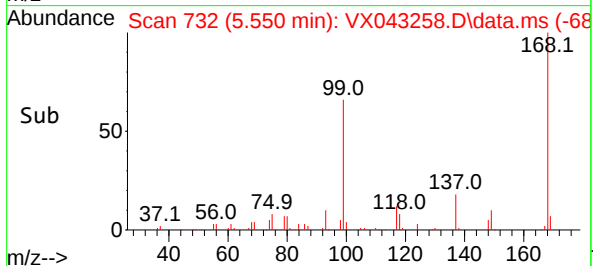
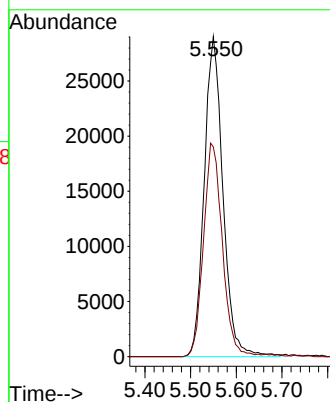
Instrument :

MSVOA_X

ClientSampleId :

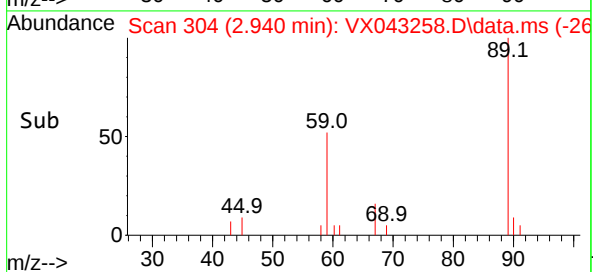
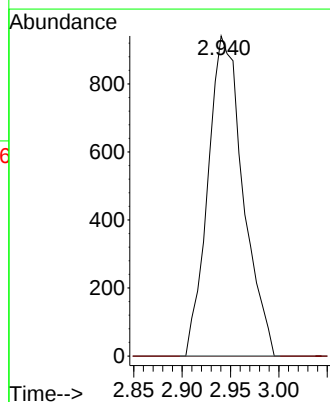
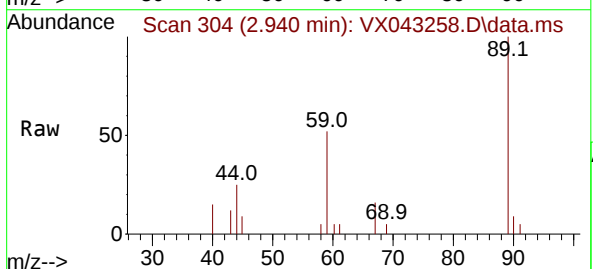


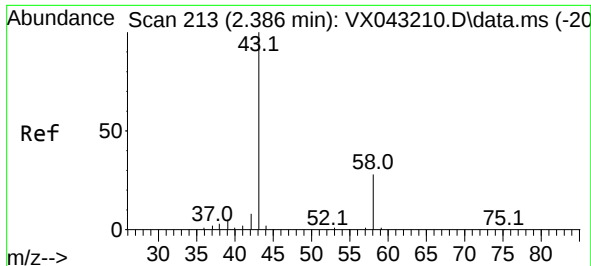
Tgt Ion:168 Resp: 82675
Ion Ratio Lower Upper
168 100
99 65.5 49.7 74.5



#11
Tert butyl alcohol
Concen: 9.263 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX043258.D
Acq: 03 Oct 2024 13:39

Tgt Ion: 59 Resp: 2380
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

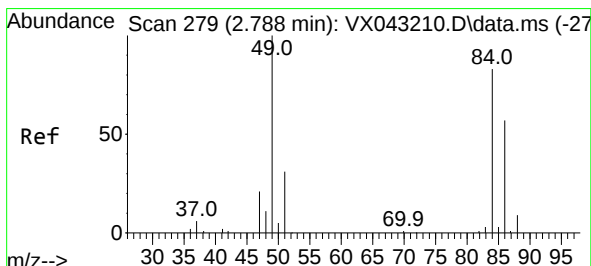
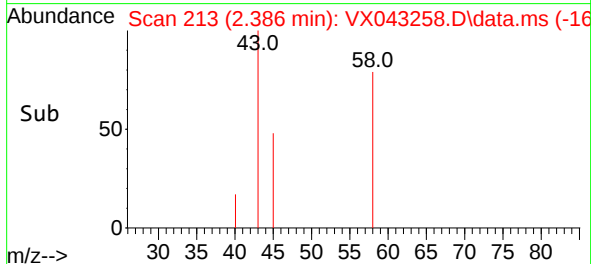
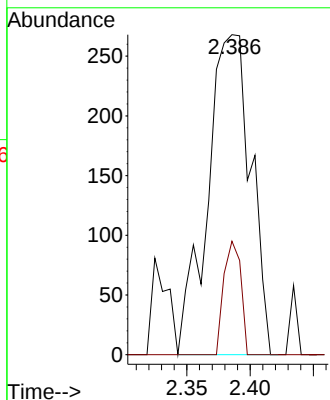
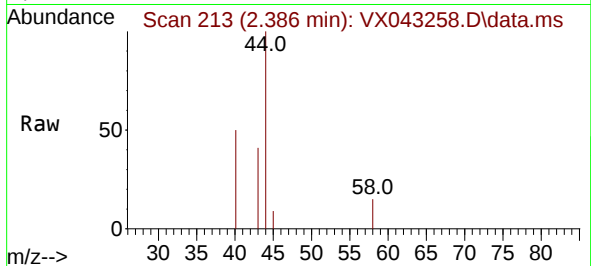




#16
Acetone
Concen: 1.131 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043258.D
Acq: 03 Oct 2024 13:39

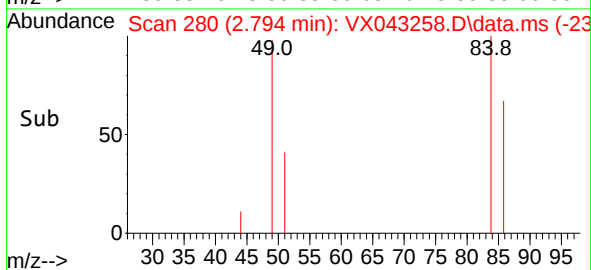
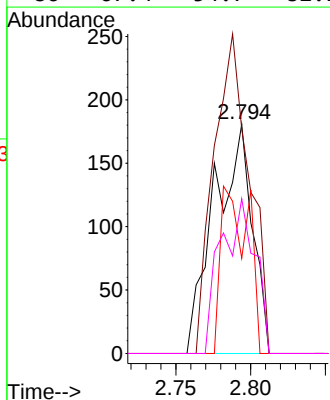
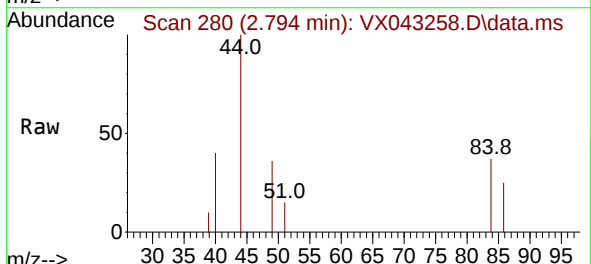
Instrument :
MSVOA_X
ClientSampleId :

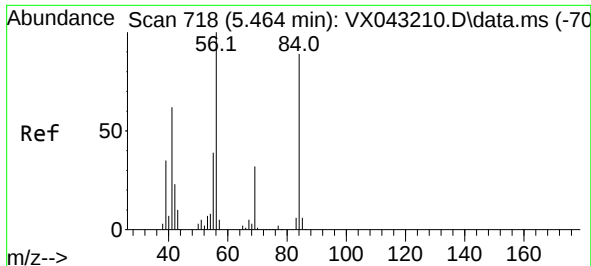
Tgt Ion: 43 Resp: 638
Ion Ratio Lower Upper
43 100
58 35.4 22.6 33.8#



#20
Methylene Chloride
Concen: 0.307 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX043258.D
Acq: 03 Oct 2024 13:39

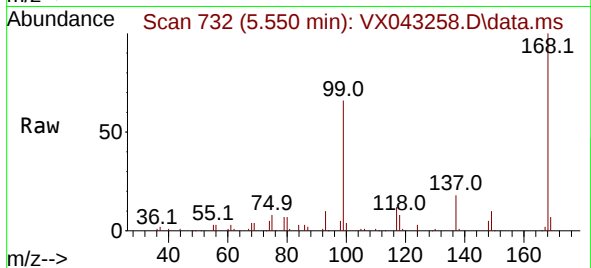
Tgt Ion: 84 Resp: 319
Ion Ratio Lower Upper
84 100
49 97.8 96.7 145.1
51 41.4 30.4 45.6
86 67.4 54.7 82.1





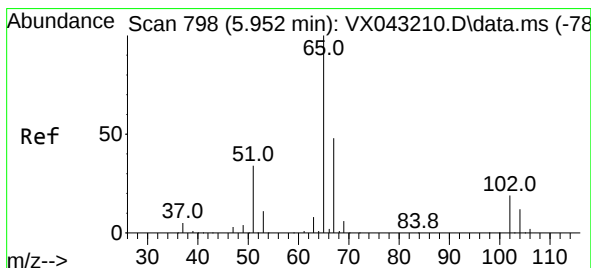
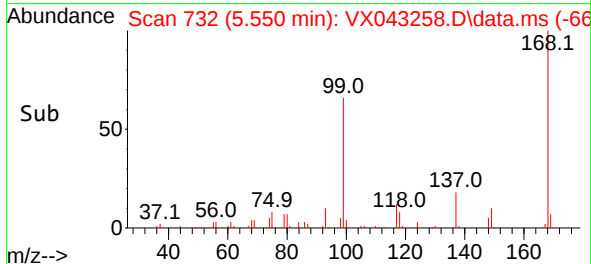
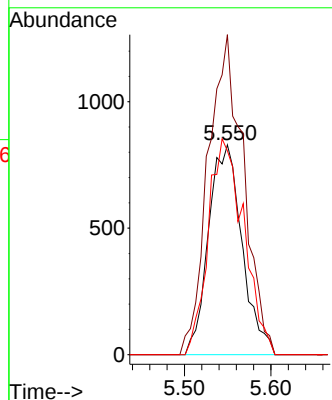
#31
Cyclohexane
Concen: 1.529 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX043258.D
Acq: 03 Oct 2024 13:39

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 56 Resp: 2227

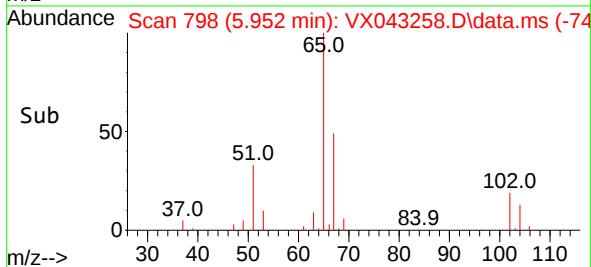
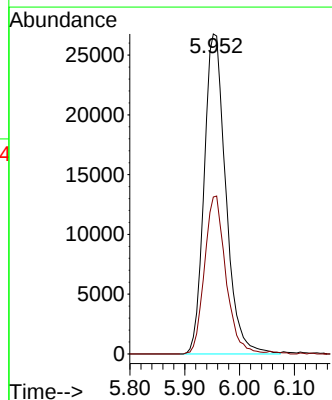
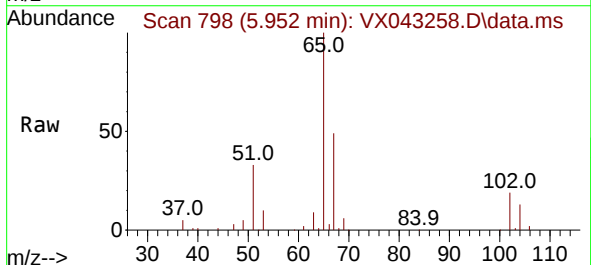
Ion	Ratio	Lower	Upper
56	100		
69	152.6	25.8	38.6#
84	97.2	71.1	106.7

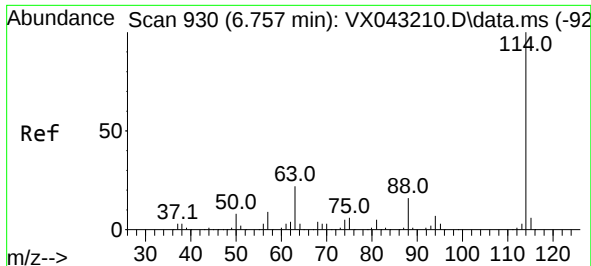


#33
1,2-Dichloroethane-d4
Concen: 54.248 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043258.D
Acq: 03 Oct 2024 13:39

Tgt Ion: 65 Resp: 73246

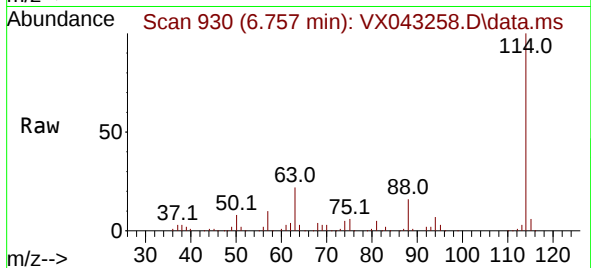
Ion	Ratio	Lower	Upper
65	100		
67	48.7	0.0	99.0



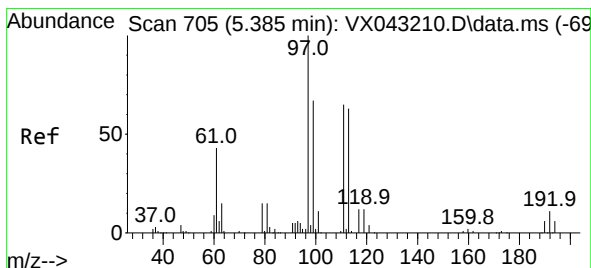
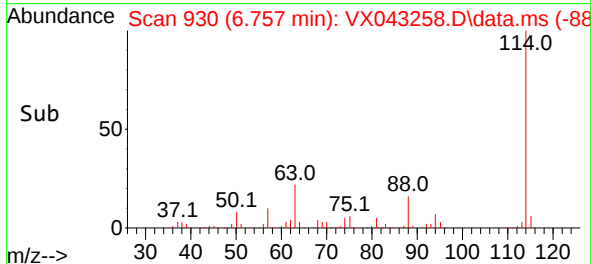
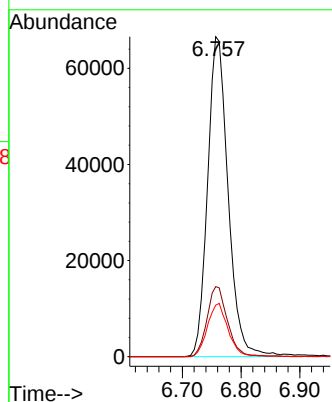


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043258.D
Acq: 03 Oct 2024 13:39

Instrument :
MSVOA_X
ClientSampleId :

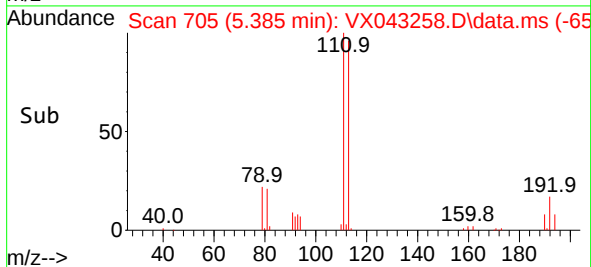
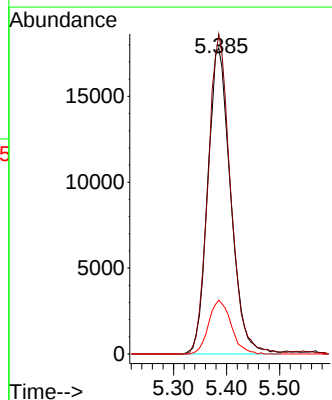
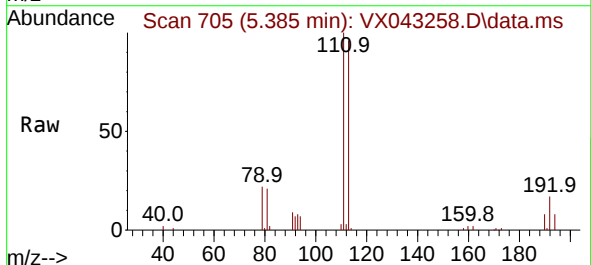


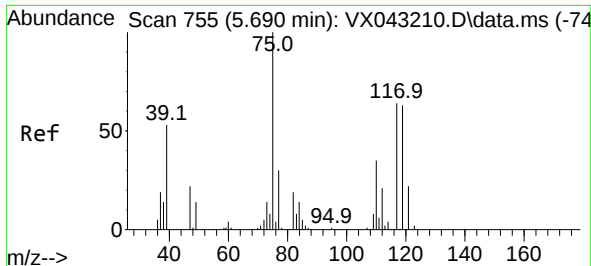
Tgt Ion:114 Resp: 161555
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.0
88 16.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.772 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043258.D
Acq: 03 Oct 2024 13:39

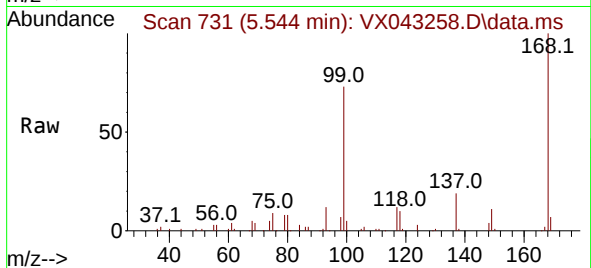
Tgt Ion:113 Resp: 53225
Ion Ratio Lower Upper
113 100
111 103.1 83.4 125.0
192 17.3 14.1 21.1



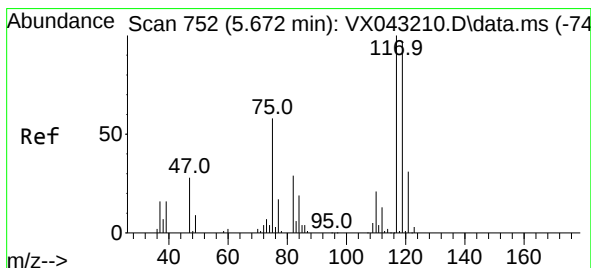
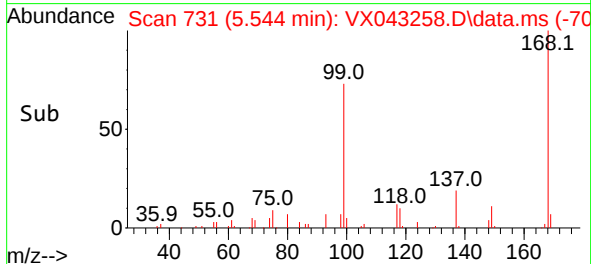
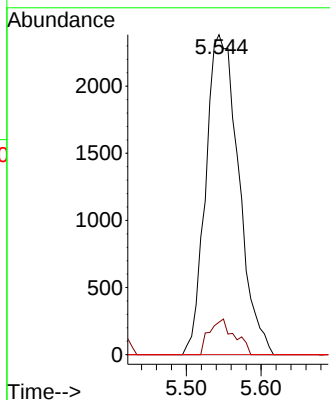


#36
1,1-Dichloropropene
Concen: 5.175 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX043258.D
Acq: 03 Oct 2024 13:39

Instrument :
MSVOA_X
ClientSampleId :

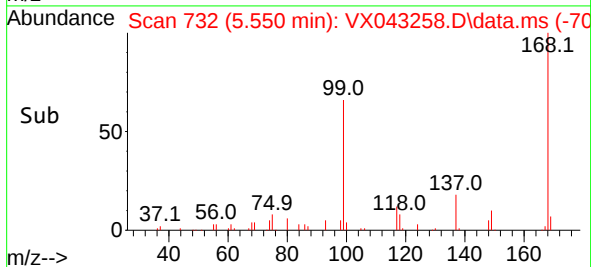
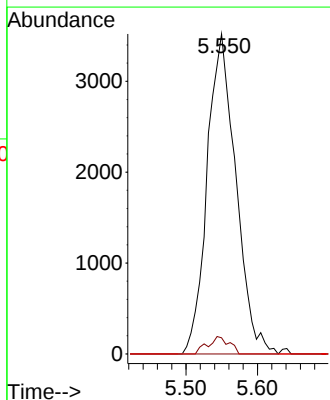
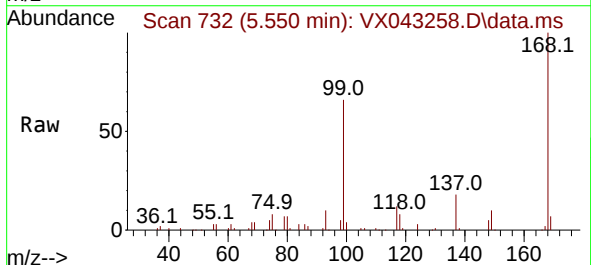


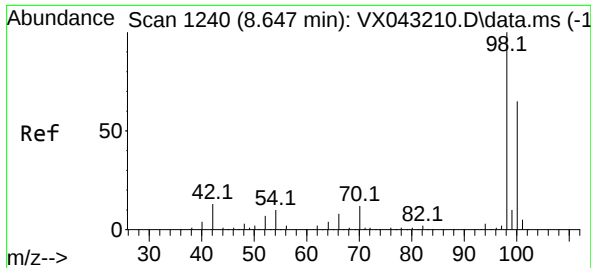
Tgt Ion: 75 Resp: 7284
Ion Ratio Lower Upper
75 100
110 8.5 17.8 53.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.886 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX043258.D
Acq: 03 Oct 2024 13:39

Tgt Ion: 117 Resp: 9807
Ion Ratio Lower Upper
117 100
119 5.0 77.7 116.5#
121 0.0 24.3 36.5#

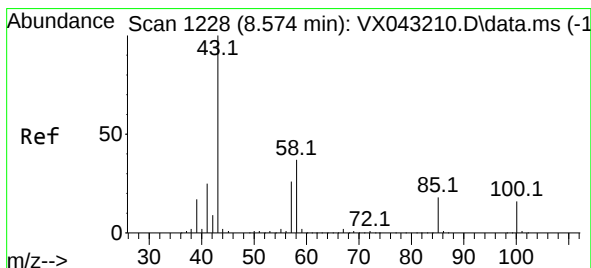
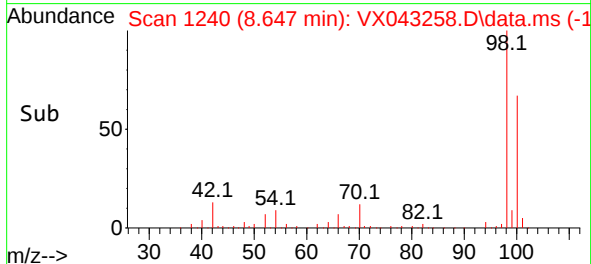
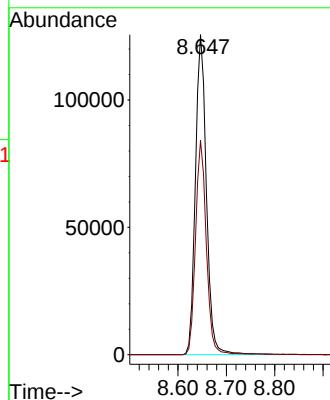
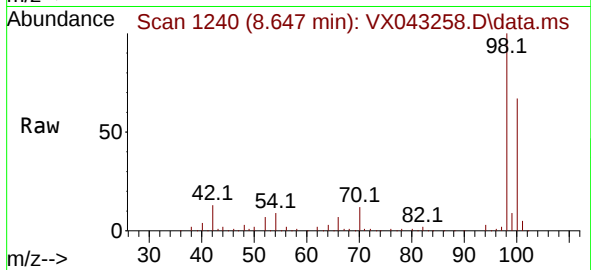




#50
Toluene-d8
Concen: 51.291 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043258.D
Acq: 03 Oct 2024 13:39

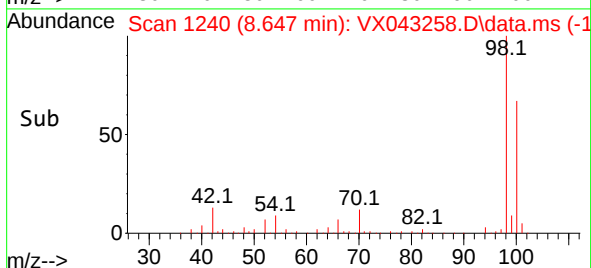
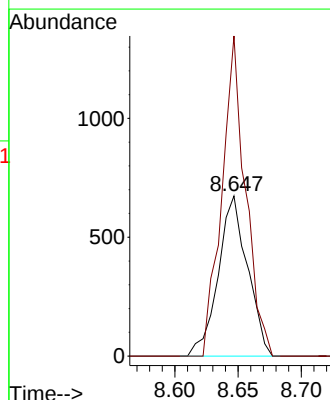
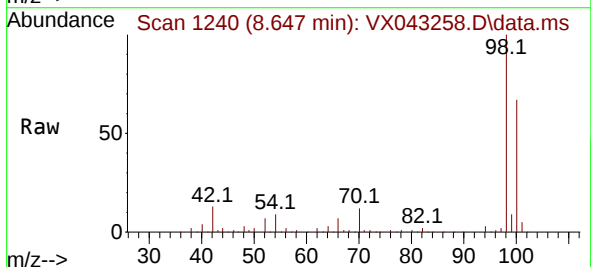
Instrument :
MSVOA_X
ClientSampleId :

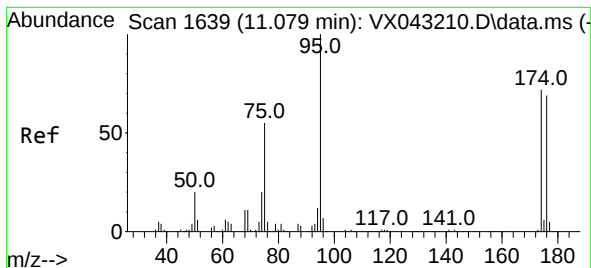
Tgt Ion: 98 Resp: 198036
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 0.640 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX043258.D
Acq: 03 Oct 2024 13:39

Tgt Ion: 43 Resp: 1085
Ion Ratio Lower Upper
43 100
58 161.7 30.0 45.0#

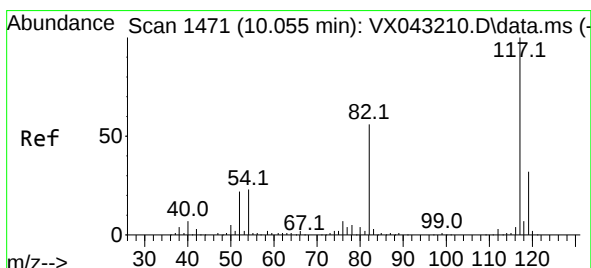
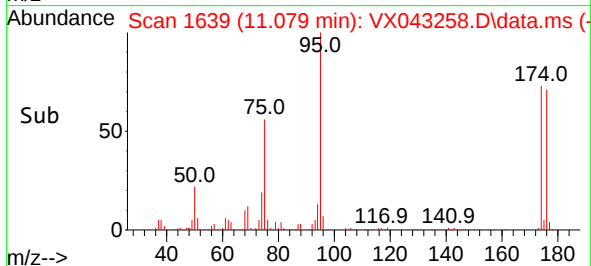
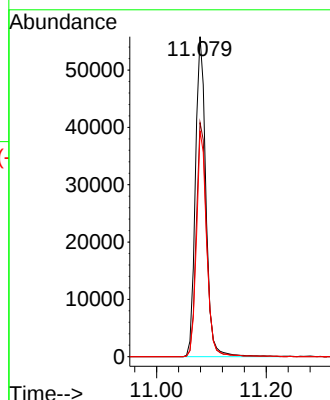
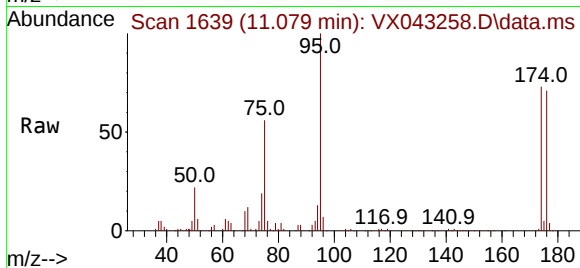




#62
4-Bromofluorobenzene
Concen: 53.183 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043258.D
Acq: 03 Oct 2024 13:39

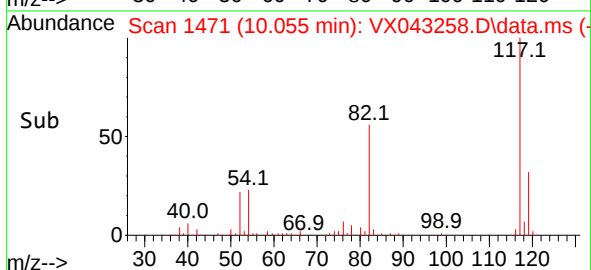
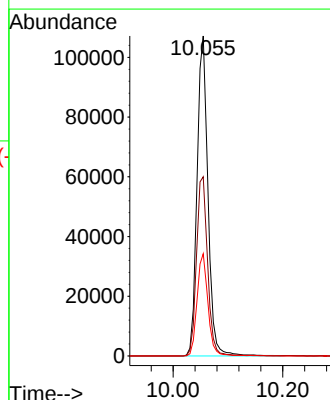
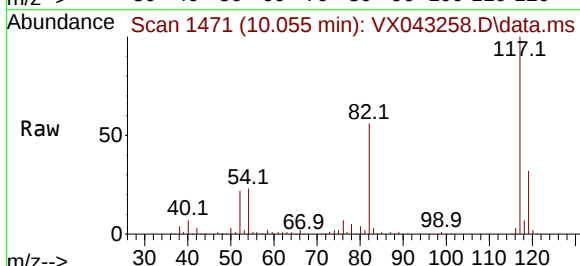
Instrument :
MSVOA_X
ClientSampleId :

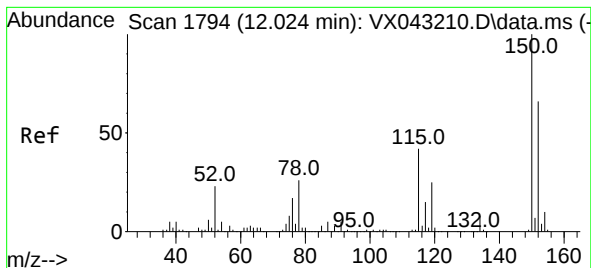
Tgt Ion: 95 Resp: 74599
Ion Ratio Lower Upper
95 100
174 72.9 0.0 145.0
176 68.4 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043258.D
Acq: 03 Oct 2024 13:39

Tgt Ion: 117 Resp: 148645
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.6
119 32.0 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: VX043258.D

Acq: 03 Oct 2024 13:39

Instrument :

MSVOA_X

ClientSampleId :

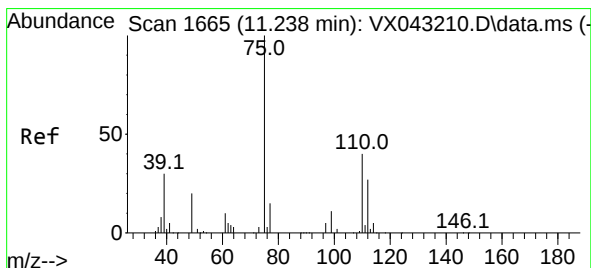
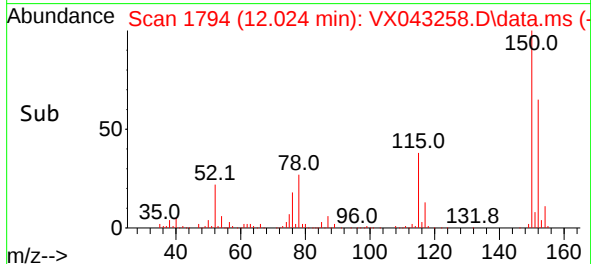
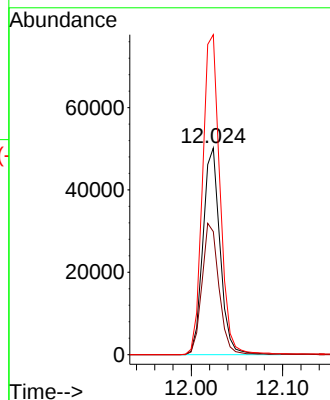
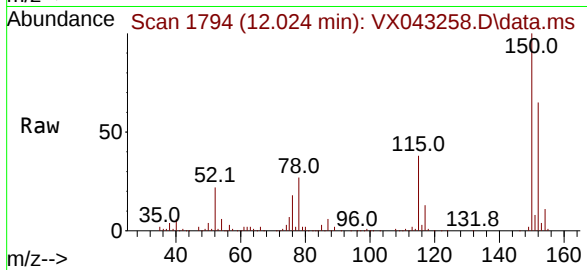
Tgt Ion:152 Resp: 64992

Ion Ratio Lower Upper

152 100

115 63.2 44.1 132.3

150 157.8 0.0 347.4



#76

1,2,3-Trichloropropane

Concen: 28.323 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043258.D

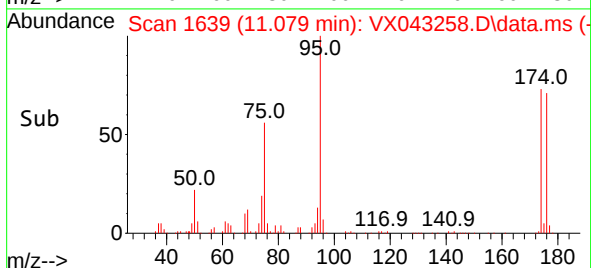
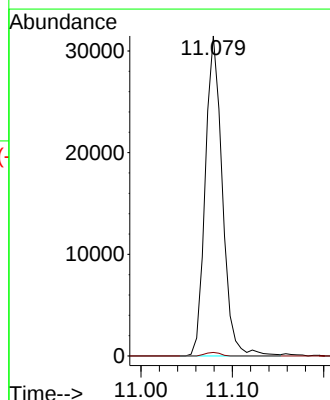
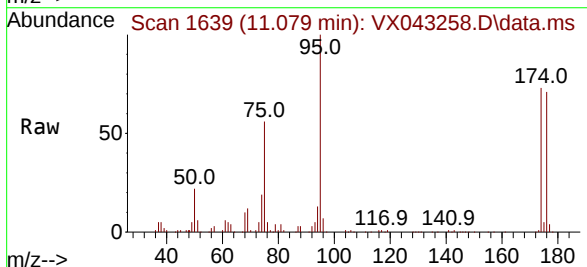
Acq: 03 Oct 2024 13:39

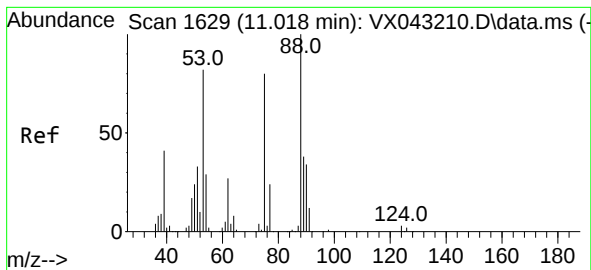
Tgt Ion: 75 Resp: 40830

Ion Ratio Lower Upper

75 100

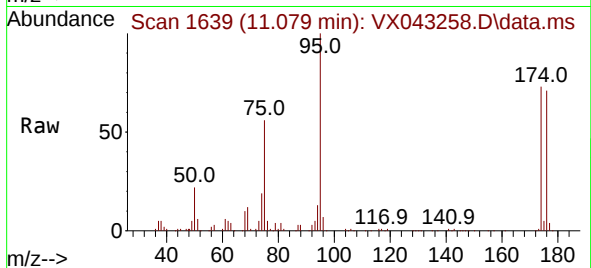
77 1.0 22.0 66.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.403 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043258.D
 Acq: 03 Oct 2024 13:39

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 40830
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.9 125.9#
 89 0.1 38.6 58.0#

