

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100424\
 Data File : VX043280.D
 Acq On : 04 Oct 2024 11:46
 Operator : JC/MD
 Sample : P4285-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 04 23:27:49 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)

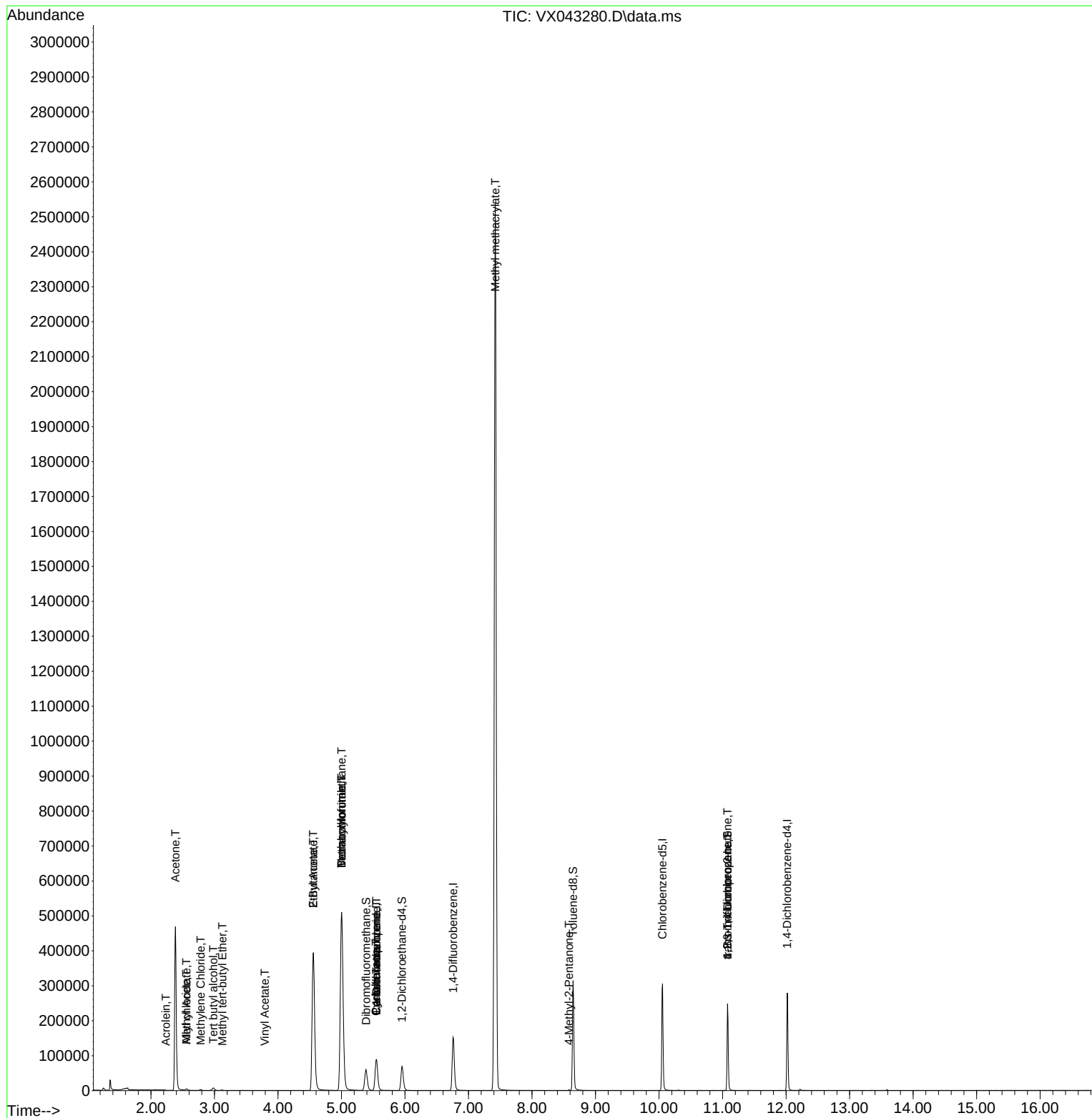
Internal Standards						
1) Pentafluorobenzene	5.550	168	81799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	156795	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70046	52.433	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.860%
35) Dibromofluoromethane	5.385	113	51475	47.604	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.200%
50) Toluene-d8	8.647	98	183961	49.092	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.180%
62) 4-Bromofluorobenzene	11.079	95	66309	48.708	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.983	59	10144	39.903	ug/l	99
13) Acrolein	2.233	56	68	0.283	ug/l #	34
14) Allyl chloride	2.556	41	580	0.388	ug/l #	27
16) Acetone	2.386	43	531225	952.214	ug/l	98
18) Methyl Acetate	2.556	43	1782	1.273	ug/l #	51
19) Methyl tert-butyl Ether	3.123	73	1427	0.439	ug/l	100
20) Methylene Chloride	2.782	84	654	0.636	ug/l #	70
23) Vinyl Acetate	3.794	43	74	6.361	ug/l #	71
25) 2-Butanone	4.556	43	698738	913.460	ug/l	100
28) Bromochloromethane	5.001	49	1098	1.591	ug/l #	10
29) Tetrahydrofuran	5.001	42	467573	959.523	ug/l	98
31) Cyclohexane	5.544	56	2005	1.391	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	6969	5.102	ug/l #	50
37) Ethyl Acetate	4.556	43	698738	425.938	ug/l #	68
38) Carbon Tetrachloride	5.550	117	9478	5.861	ug/l #	16
41) Methacrylonitrile	5.001	41	284411	333.057	ug/l #	47
48) Methyl methacrylate	7.421	41	468198	352.164	ug/l #	36
51) 4-Methyl-2-Pentanone	8.580	43	1350	0.820	ug/l #	81
76) 1,2,3-Trichloropropane	11.079	75	36325	28.414	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	36325	73.640	ug/l #	8

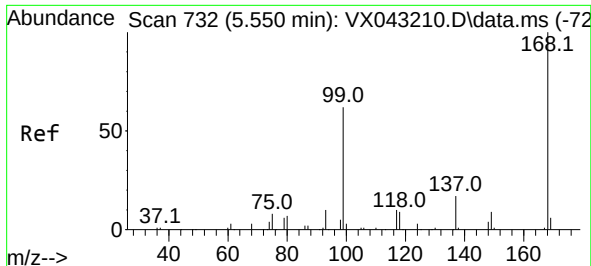
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
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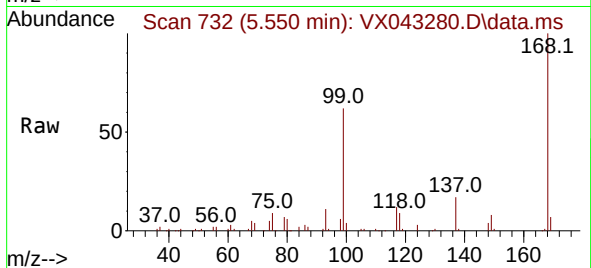


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043280.D
Acq: 04 Oct 2024 11:46

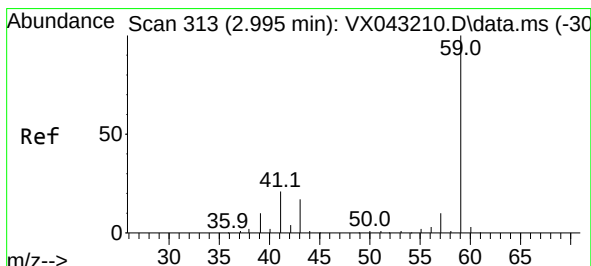
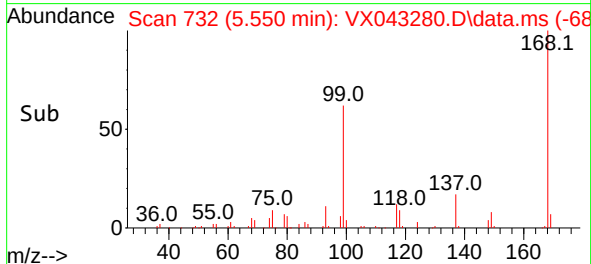
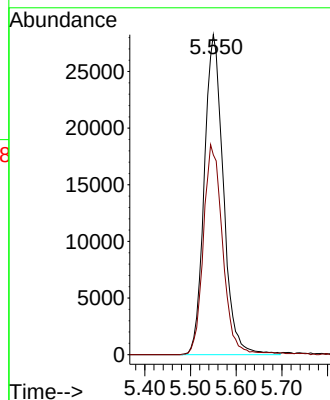
Instrument :

MSVOA_X

ClientSampleId :

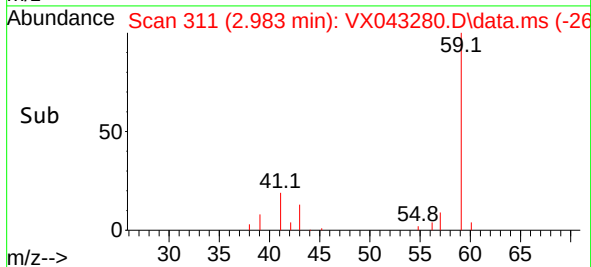
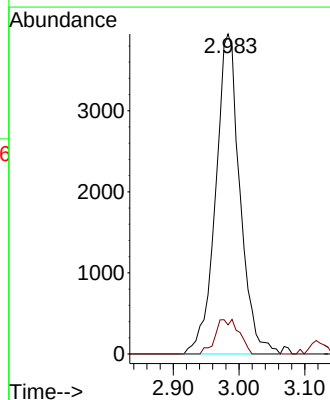
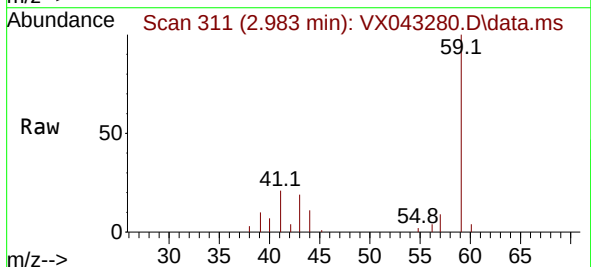


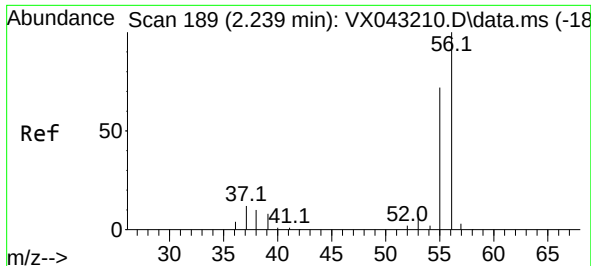
Tgt Ion:168 Resp: 81799
Ion Ratio Lower Upper
168 100
99 62.4 49.7 74.5



#11
Tert butyl alcohol
Concen: 39.903 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX043280.D
Acq: 04 Oct 2024 11:46

Tgt Ion: 59 Resp: 10144
Ion Ratio Lower Upper
59 100
57 10.6 8.6 13.0





#13

Acrolein

Concen: 0.283 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX043280.D

Acq: 04 Oct 2024 11:46

Instrument :

MSVOA_X

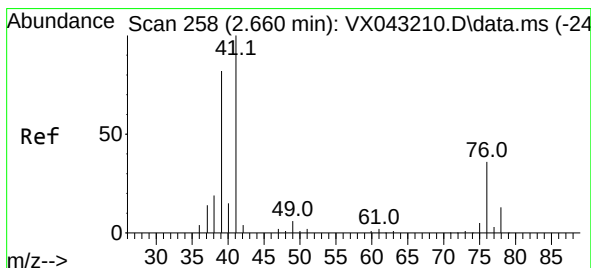
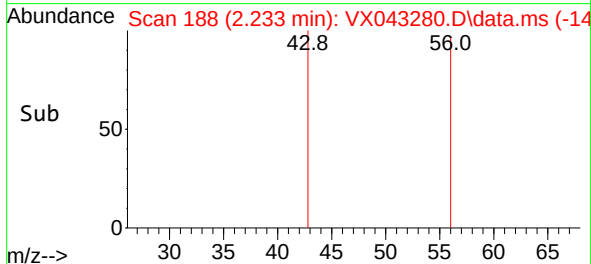
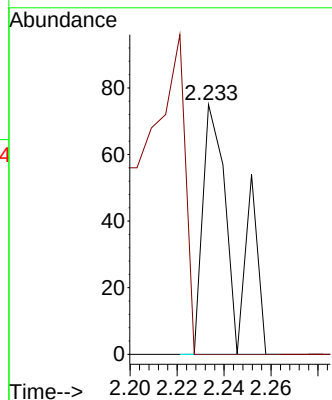
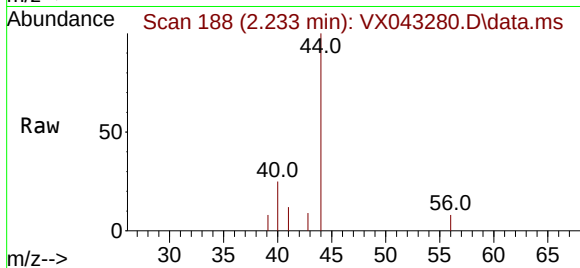
ClientSampleId :

Tgt Ion: 56 Resp: 68

Ion Ratio Lower Upper

56 100

55 126.5 57.4 86.0#



#14

Allyl chloride

Concen: 0.388 ug/l

RT: 2.556 min Scan# 241

Delta R.T. -0.104 min

Lab File: VX043280.D

Acq: 04 Oct 2024 11:46

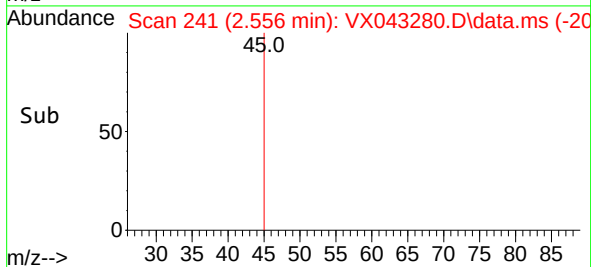
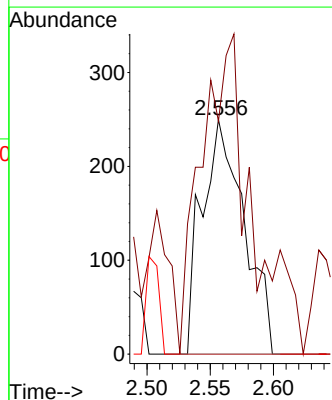
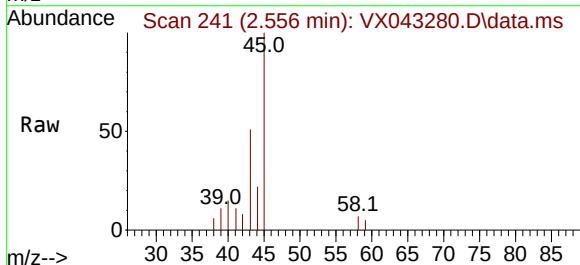
Tgt Ion: 41 Resp: 580

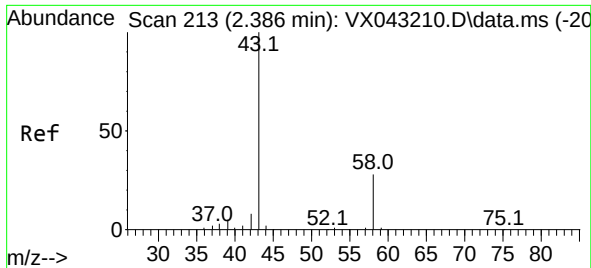
Ion Ratio Lower Upper

41 100

39 145.3 61.7 92.5#

76 0.0 28.6 43.0#

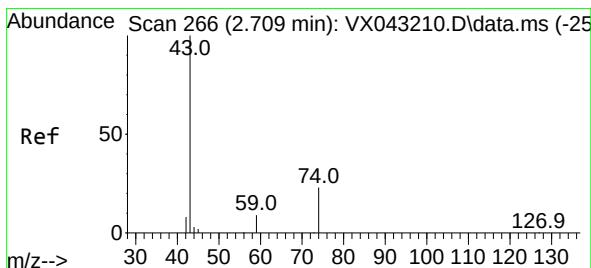
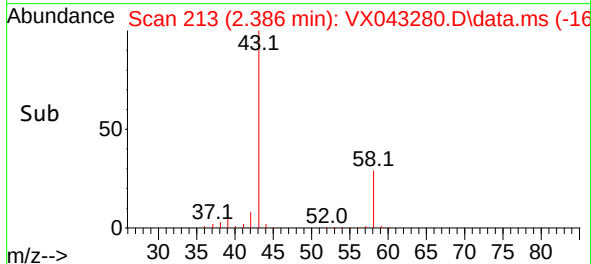
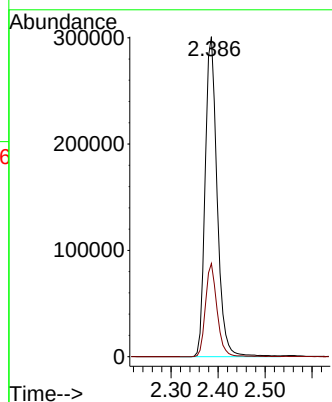
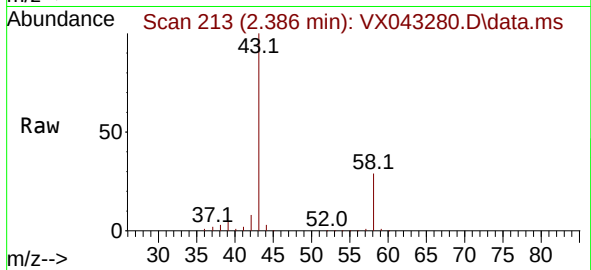




#16
Acetone
Concen: 952.214 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043280.D
Acq: 04 Oct 2024 11:46

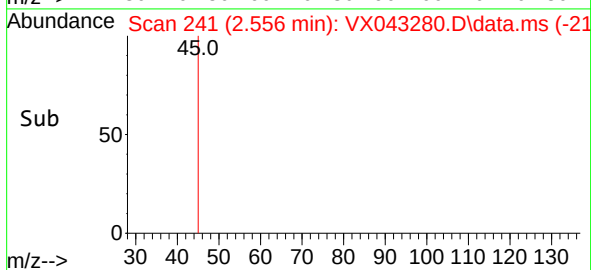
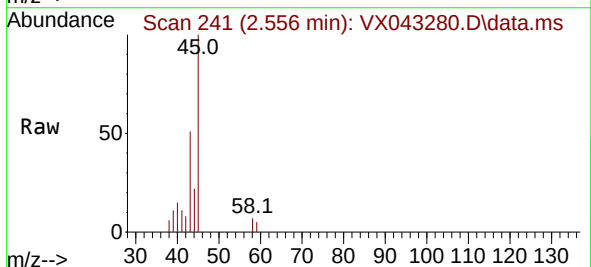
Instrument :
MSVOA_X
ClientSampleId :

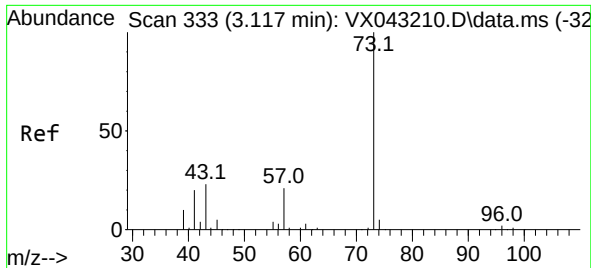
Tgt Ion: 43 Resp: 531225
Ion Ratio Lower Upper
43 100
58 29.1 22.6 33.8



#18
Methyl Acetate
Concen: 1.273 ug/l
RT: 2.556 min Scan# 241
Delta R.T. -0.153 min
Lab File: VX043280.D
Acq: 04 Oct 2024 11:46

Tgt Ion: 43 Resp: 1782
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#

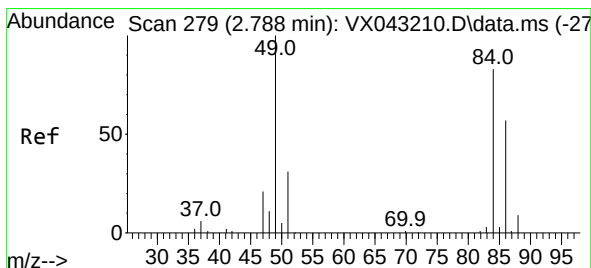
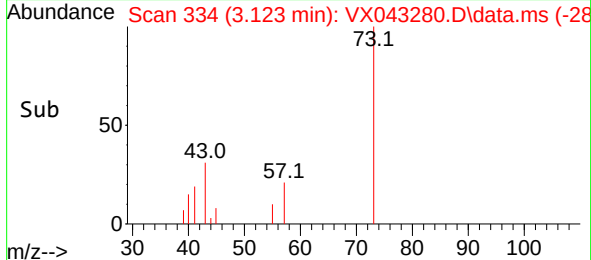
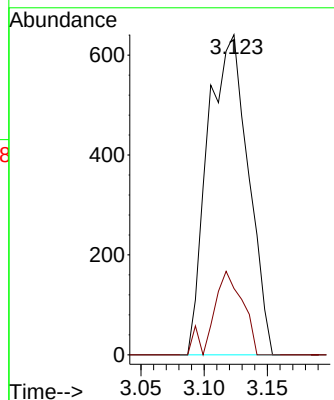
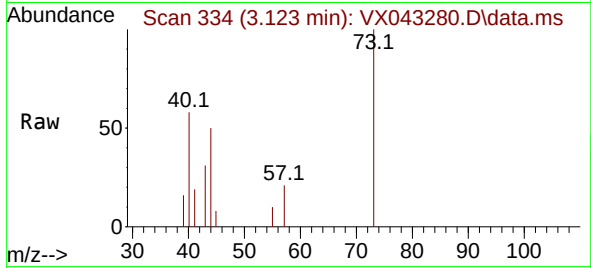




#19
Methyl tert-butyl Ether
Concen: 0.439 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043280.D
Acq: 04 Oct 2024 11:46

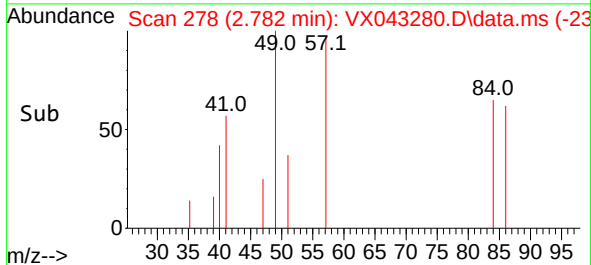
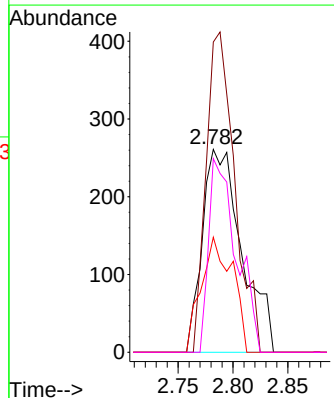
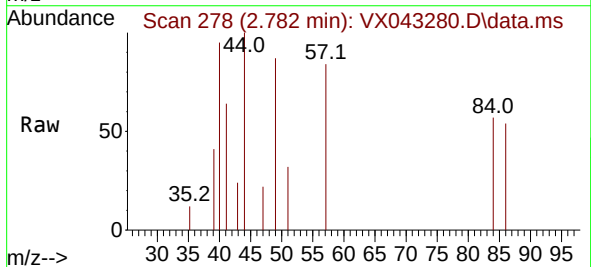
Instrument :
MSVOA_X
ClientSampleId :

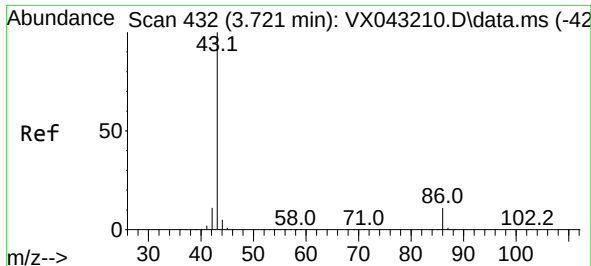
Tgt Ion: 73 Resp: 1427
Ion Ratio Lower Upper
73 100
57 20.7 16.7 25.1



#20
Methylene Chloride
Concen: 0.636 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX043280.D
Acq: 04 Oct 2024 11:46

Tgt Ion: 84 Resp: 654
Ion Ratio Lower Upper
84 100
49 152.9 96.7 145.1#
51 56.7 30.4 45.6#
86 95.4 54.7 82.1#

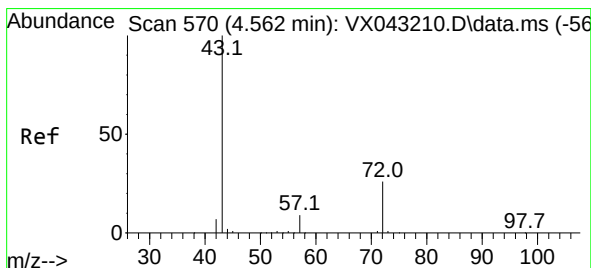
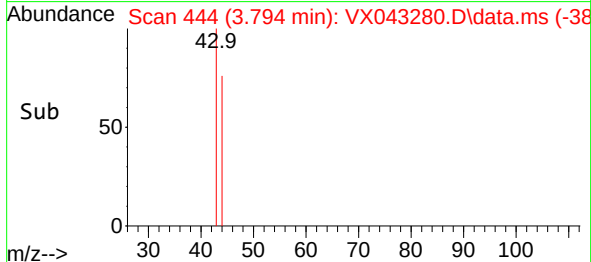
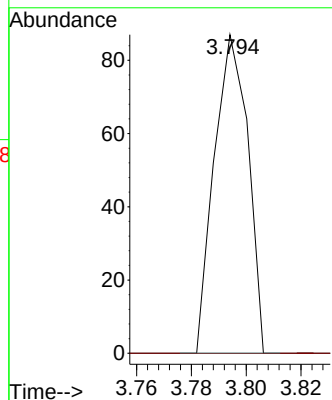
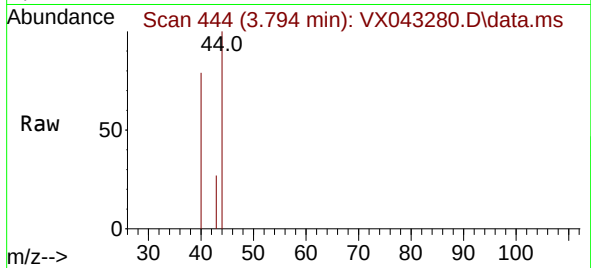




#23
 Vinyl Acetate
 Concen: 6.361 ug/l
 RT: 3.794 min Scan# 44
 Delta R.T. 0.073 min
 Lab File: VX043280.D
 Acq: 04 Oct 2024 11:46

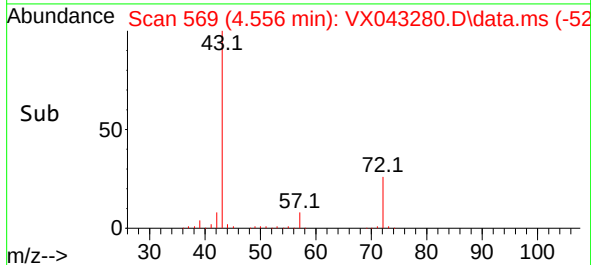
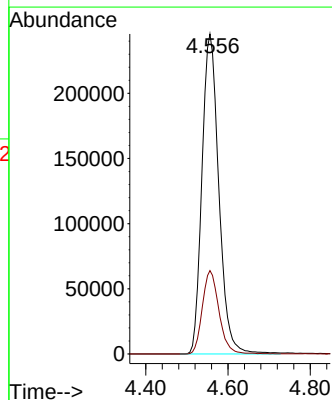
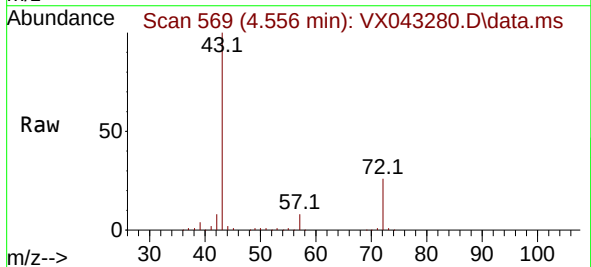
Instrument :
 MSVOA_X
 ClientSampleId :

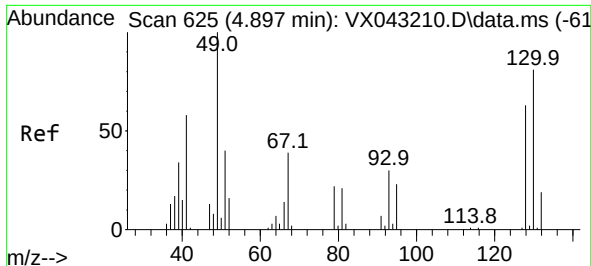
Tgt Ion: 43 Resp: 74
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.8 13.2#



#25
 2-Butanone
 Concen: 913.460 ug/l
 RT: 4.556 min Scan# 569
 Delta R.T. -0.006 min
 Lab File: VX043280.D
 Acq: 04 Oct 2024 11:46

Tgt Ion: 43 Resp: 698738
 Ion Ratio Lower Upper
 43 100
 72 26.0 20.6 31.0

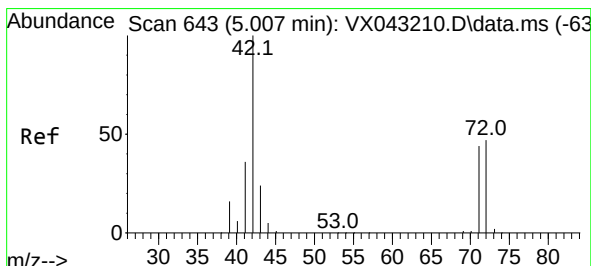
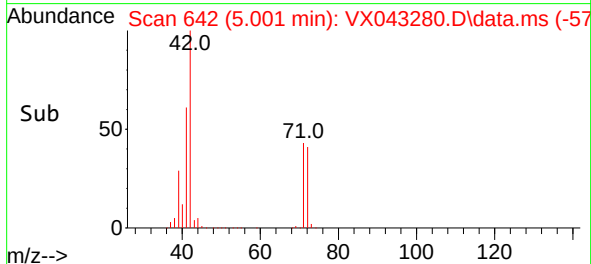
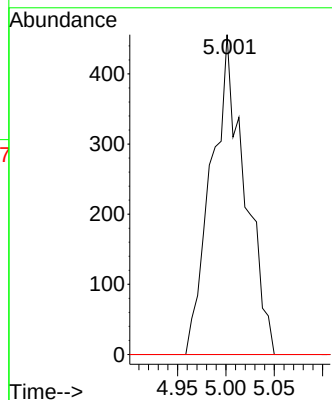
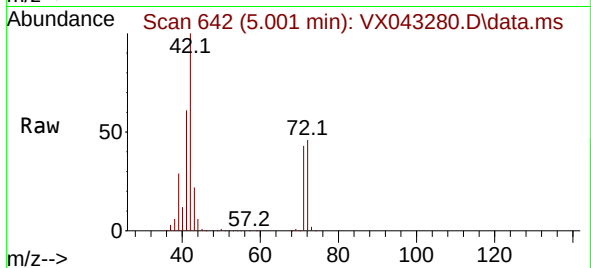




#28
Bromochloromethane
Concen: 1.591 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.104 min
Lab File: VX043280.D
Acq: 04 Oct 2024 11:46

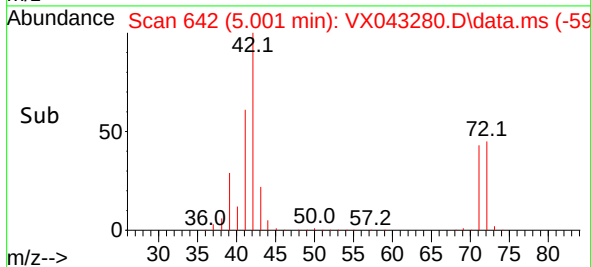
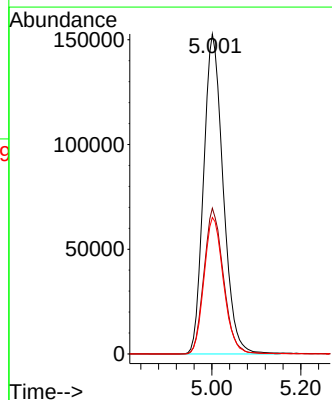
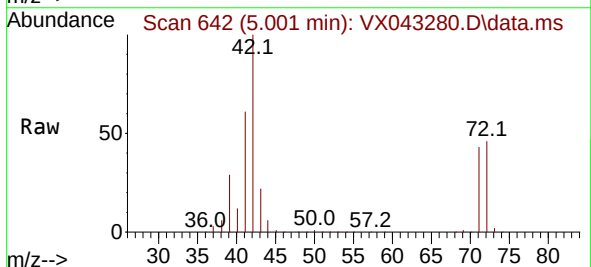
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MSVOA_X
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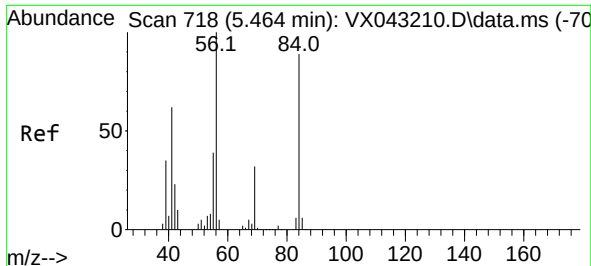
Tgt Ion: 49 Resp: 1098
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 65.5 98.3#



#29
Tetrahydrofuran
Concen: 959.523 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.006 min
Lab File: VX043280.D
Acq: 04 Oct 2024 11:46

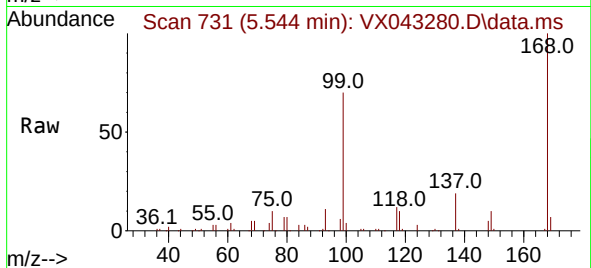
Tgt Ion: 42 Resp: 467573
Ion Ratio Lower Upper
42 100
72 45.3 37.7 56.5
71 42.7 34.6 52.0



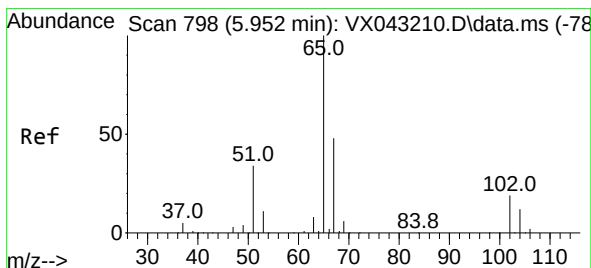
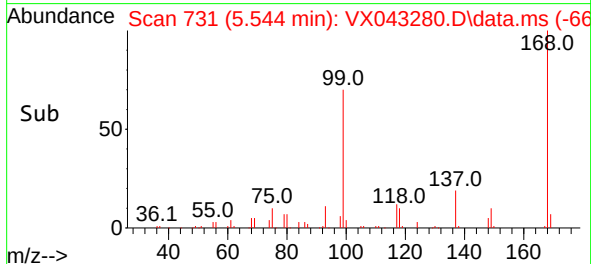
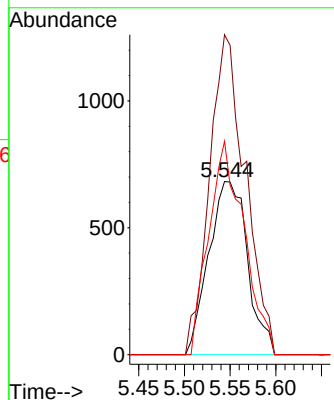


#31
Cyclohexane
Concen: 1.391 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX043280.D
Acq: 04 Oct 2024 11:46

Instrument :
MSVOA_X
ClientSampleId :

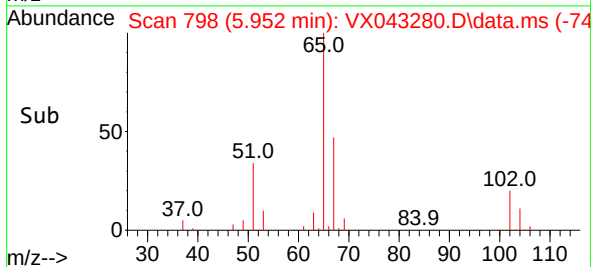
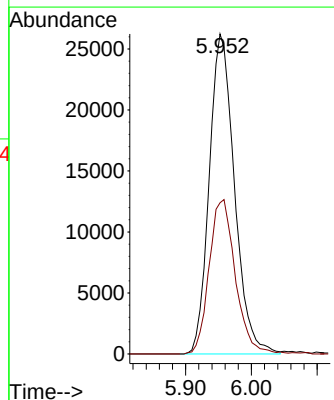
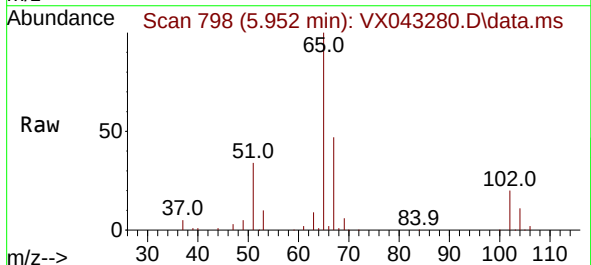


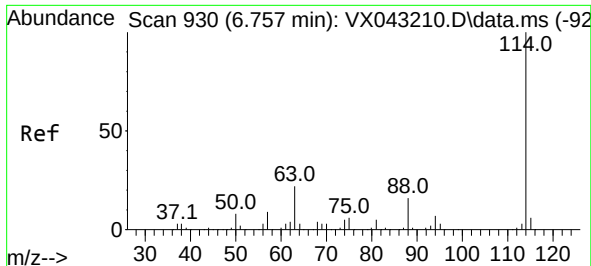
Tgt Ion: 56 Resp: 2005
Ion Ratio Lower Upper
56 100
69 184.9 25.8 38.6#
84 123.3 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 52.433 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043280.D
Acq: 04 Oct 2024 11:46

Tgt Ion: 65 Resp: 70046
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.0

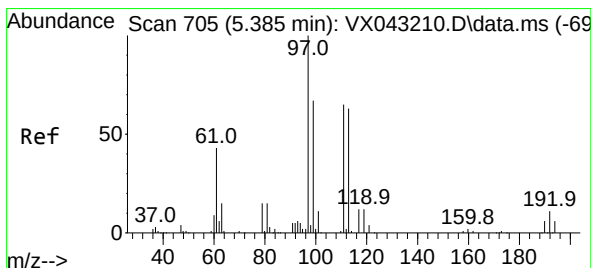
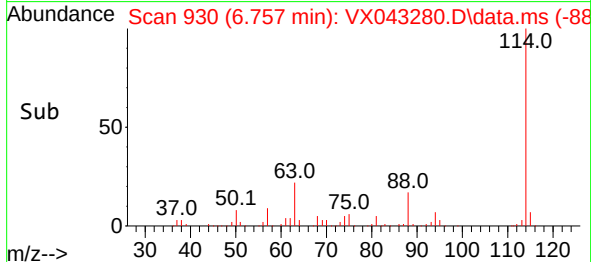
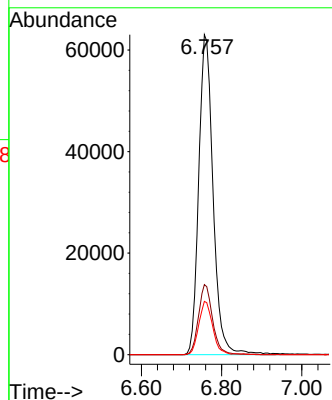
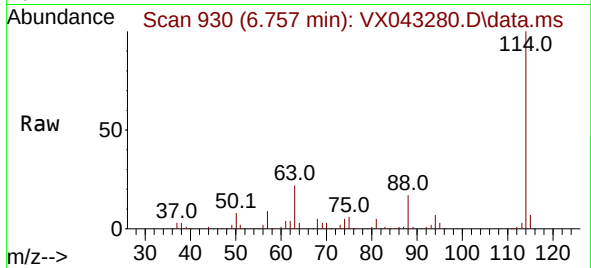




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043280.D
Acq: 04 Oct 2024 11:46

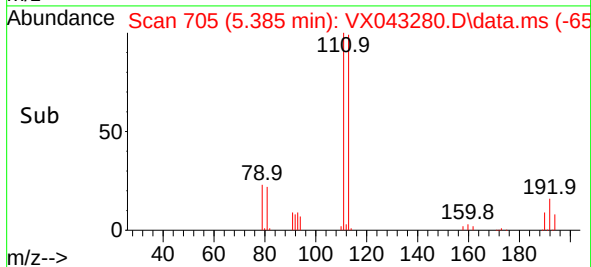
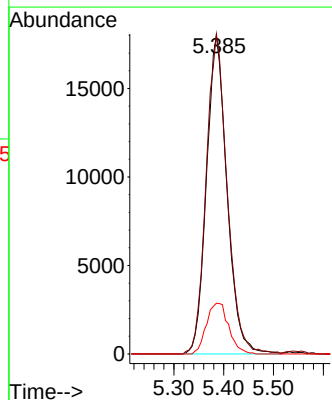
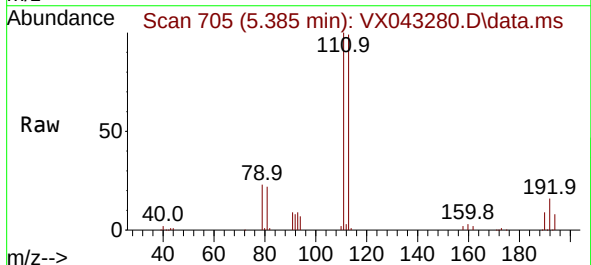
Instrument :
MSVOA_X
ClientSampleId :

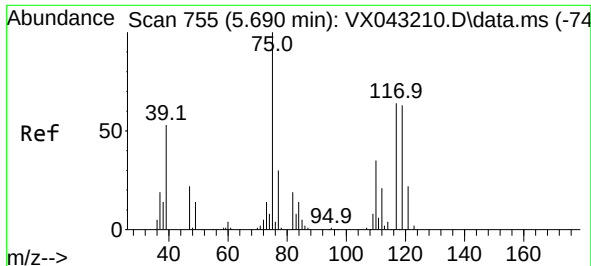
Tgt Ion:114 Resp: 156795
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.0
88 16.6 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.604 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043280.D
Acq: 04 Oct 2024 11:46

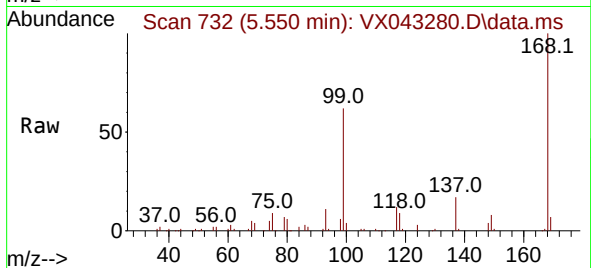
Tgt Ion:113 Resp: 51475
Ion Ratio Lower Upper
113 100
111 102.7 83.4 125.0
192 17.3 14.1 21.1



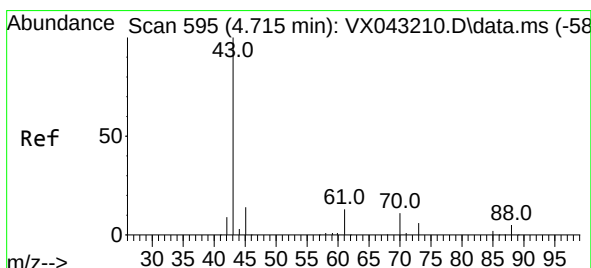
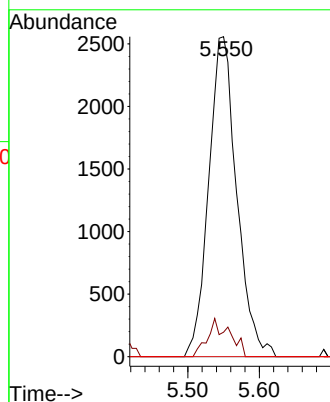
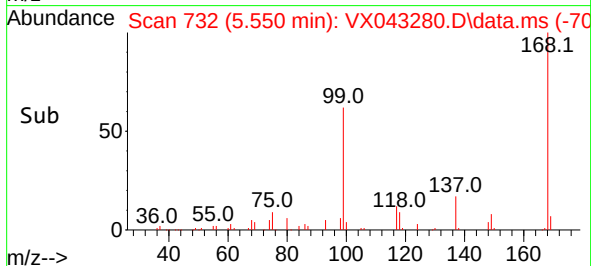


#36
1,1-Dichloropropene
Concen: 5.102 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX043280.D
Acq: 04 Oct 2024 11:46

Instrument :
MSVOA_X
ClientSampleId :

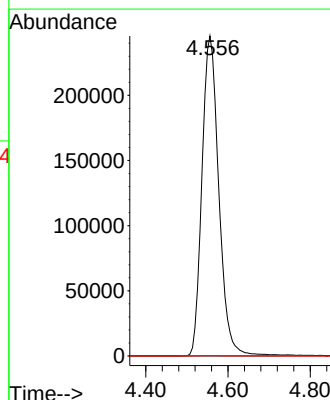
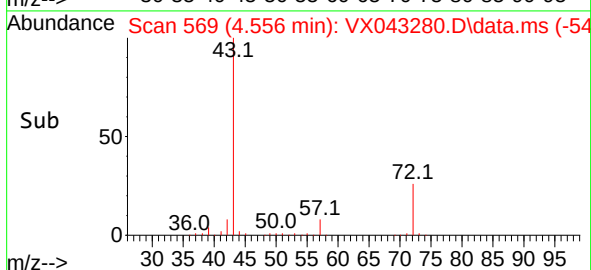
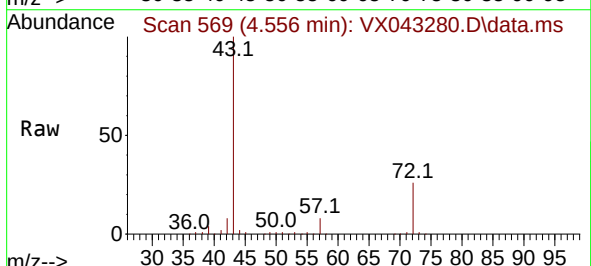


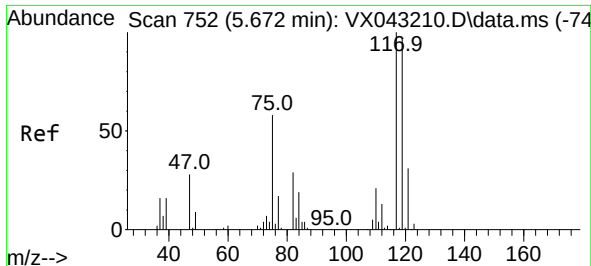
Tgt Ion: 75 Resp: 6969
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.3#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 425.938 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.158 min
Lab File: VX043280.D
Acq: 04 Oct 2024 11:46

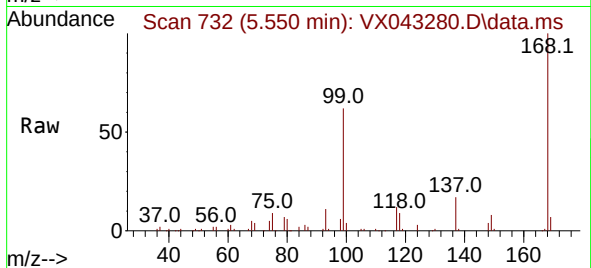
Tgt Ion: 43 Resp: 698738
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.4#
70 0.0 8.9 13.3#



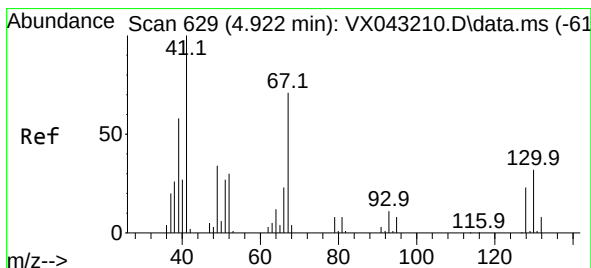
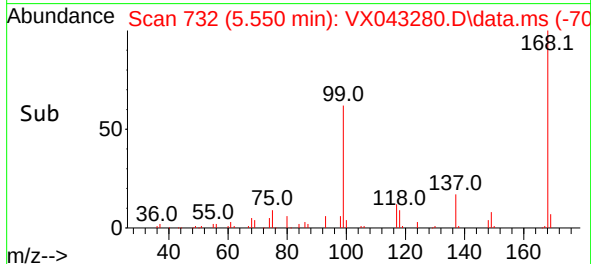
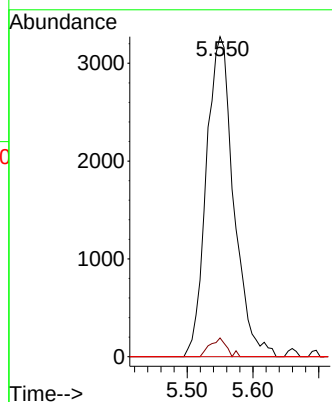


#38
Carbon Tetrachloride
Concen: 5.861 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043280.D
Acq: 04 Oct 2024 11:46

Instrument :
MSVOA_X
ClientSampleId :

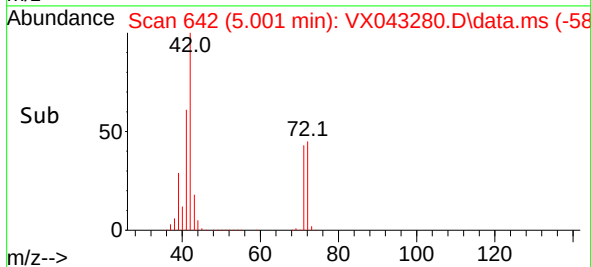
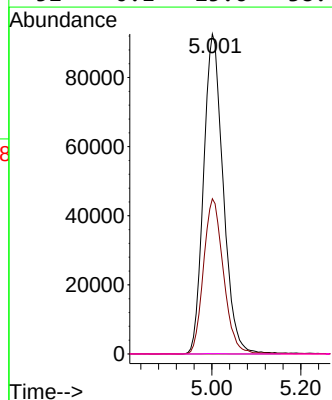
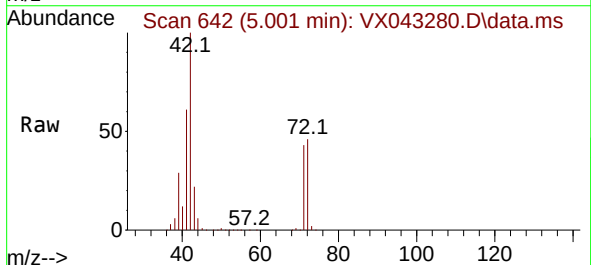


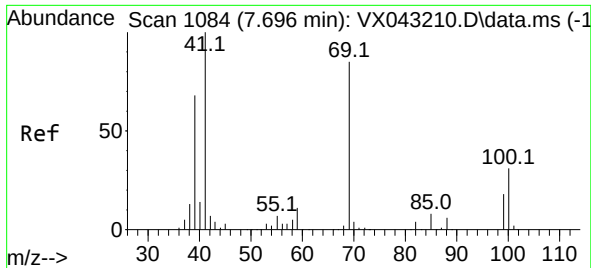
Tgt Ion:117 Resp: 9478
Ion Ratio Lower Upper
117 100
119 5.8 77.7 116.5#
121 0.0 24.3 36.5#



#41
Methacrylonitrile
Concen: 333.057 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.079 min
Lab File: VX043280.D
Acq: 04 Oct 2024 11:46

Tgt Ion: 41 Resp: 284411
Ion Ratio Lower Upper
41 100
39 49.5 45.0 67.4
67 0.0 56.0 84.0#
52 0.1 25.6 38.4#

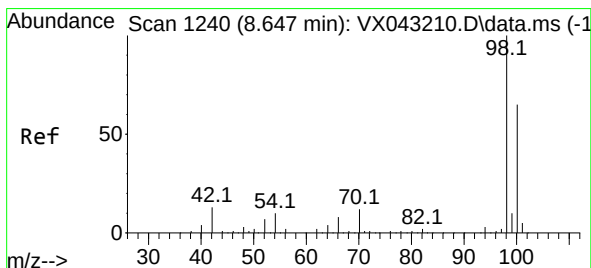
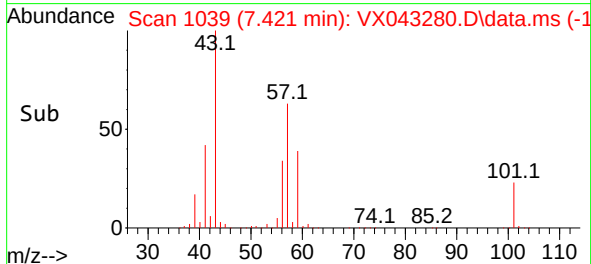
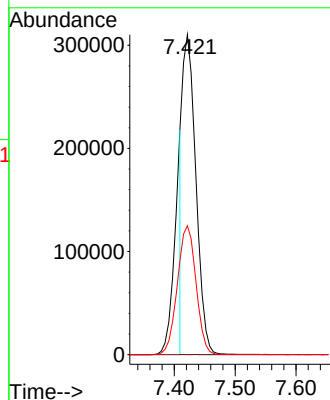
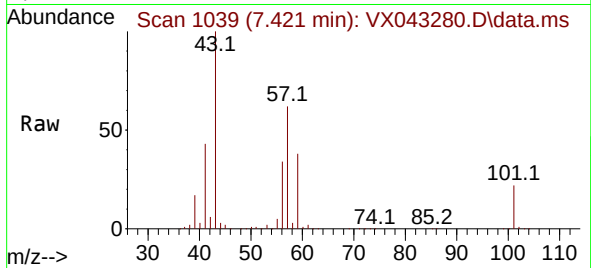




#48
Methyl methacrylate
Concen: 352.164 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.274 min
Lab File: VX043280.D
Acq: 04 Oct 2024 11:46

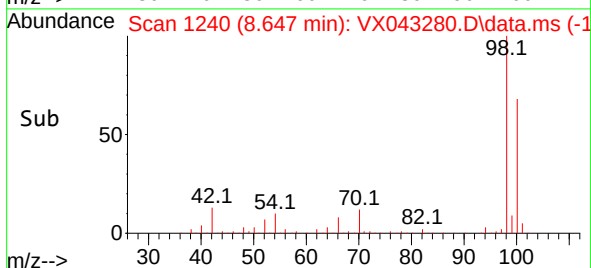
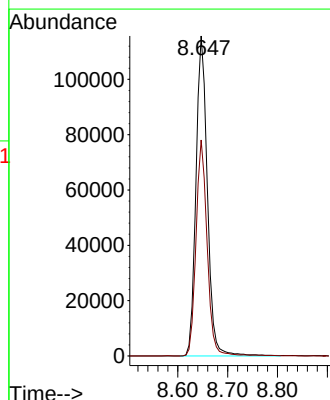
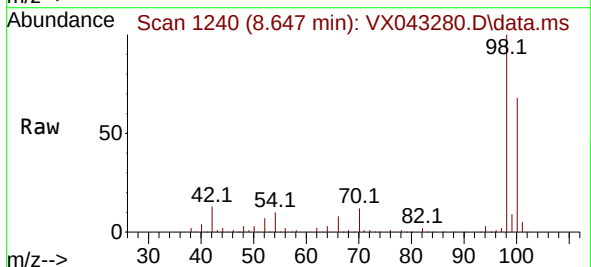
Instrument :
MSVOA_X
ClientSampleId :

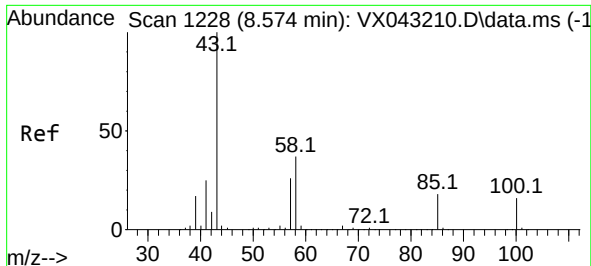
Tgt Ion: 41 Resp: 468198
Ion Ratio Lower Upper
41 100
69 0.0 64.1 96.1#
39 40.9 52.8 79.2#



#50
Toluene-d8
Concen: 49.092 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043280.D
Acq: 04 Oct 2024 11:46

Tgt Ion: 98 Resp: 183961
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 0.820 ug/l

RT: 8.580 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX043280.D

Acq: 04 Oct 2024 11:46

Instrument :

MSVOA_X

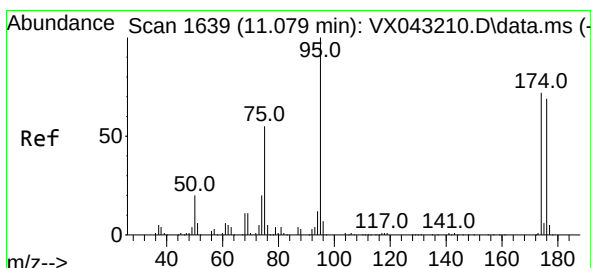
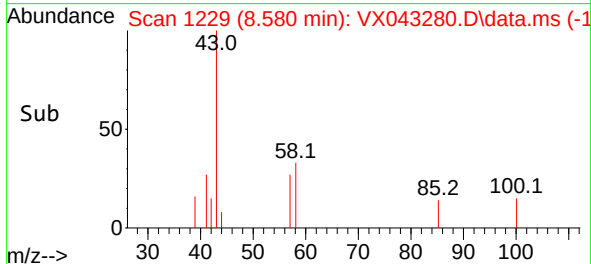
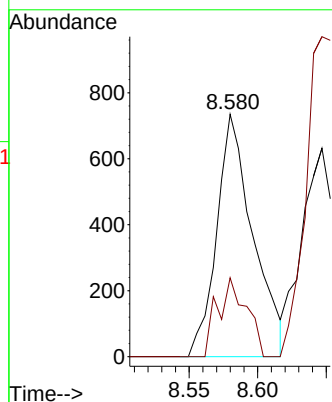
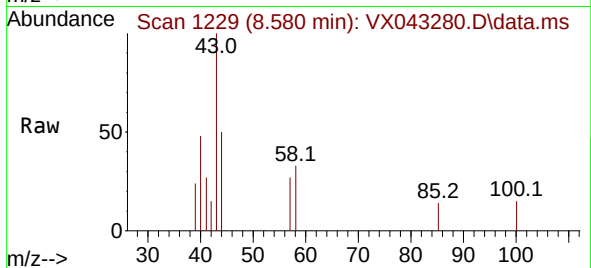
ClientSampleId :

Tgt Ion: 43 Resp: 1350

Ion Ratio Lower Upper

43 100

58 26.1 30.0 45.0#



#62

4-Bromofluorobenzene

Concen: 48.708 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043280.D

Acq: 04 Oct 2024 11:46

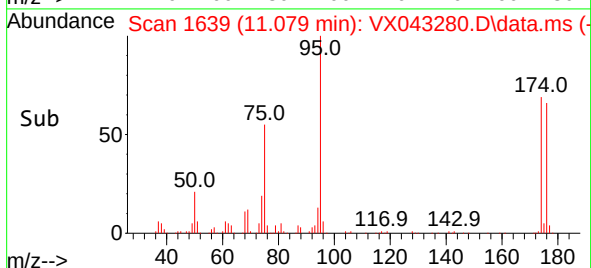
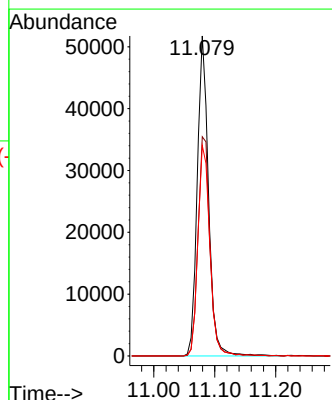
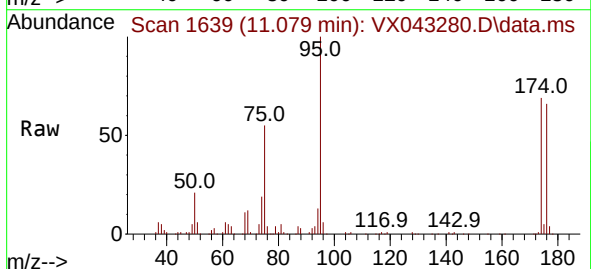
Tgt Ion: 95 Resp: 66309

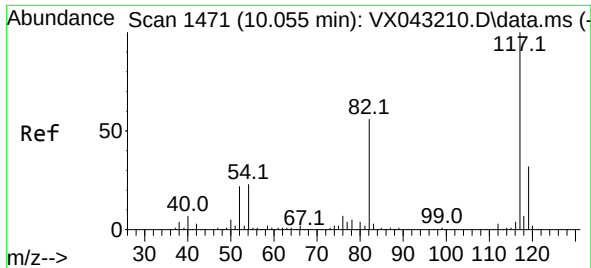
Ion Ratio Lower Upper

95 100

174 72.8 0.0 145.0

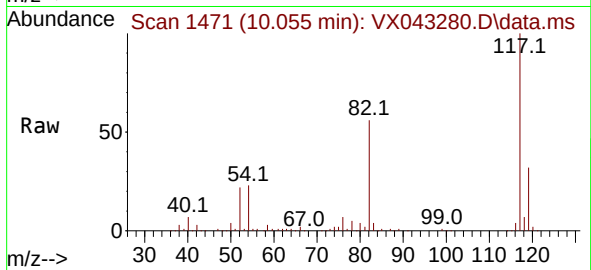
176 70.2 0.0 143.0



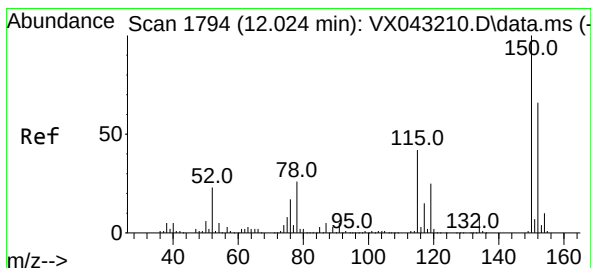
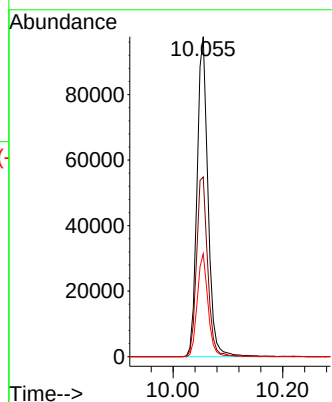
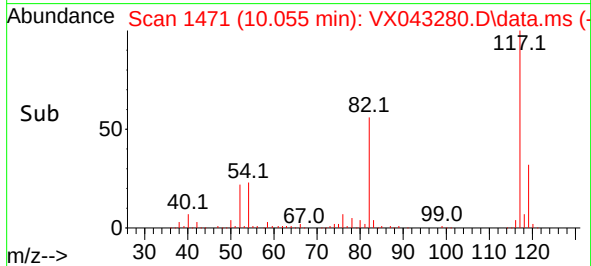


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043280.D
Acq: 04 Oct 2024 11:46

Instrument :
MSVOA_X
ClientSampleId :

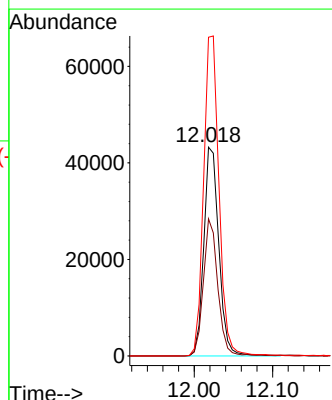
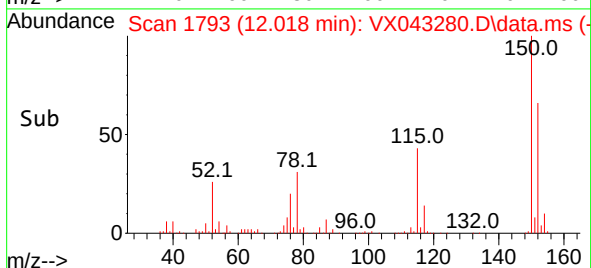
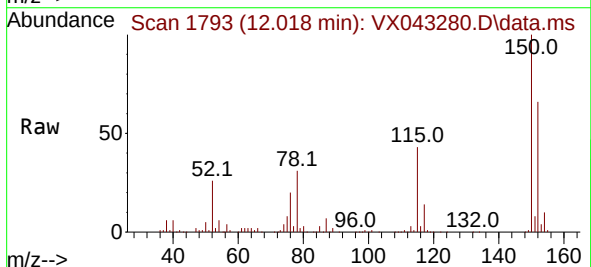


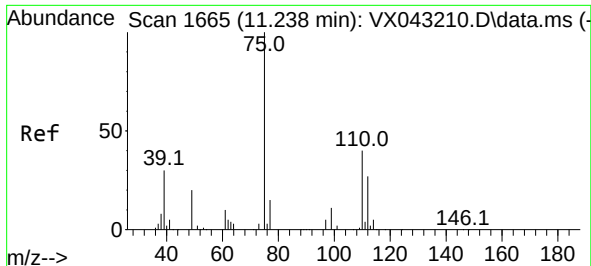
Tgt Ion:117 Resp: 136190
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.6
119 32.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX043280.D
Acq: 04 Oct 2024 11:46

Tgt Ion:152 Resp: 57635
Ion Ratio Lower Upper
152 100
115 63.0 44.1 132.3
150 157.3 0.0 347.4

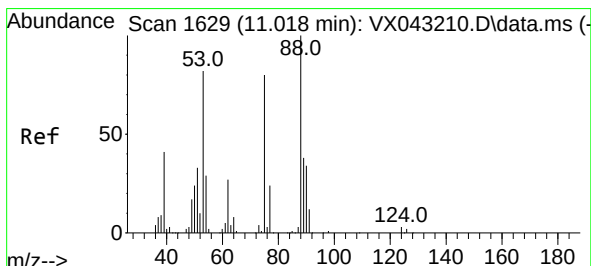
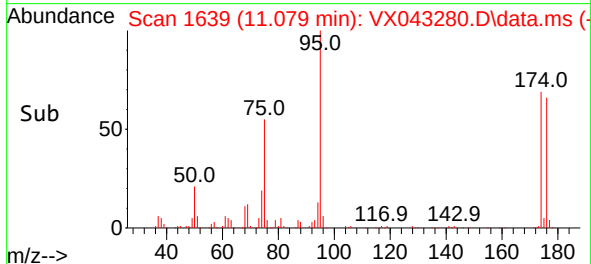
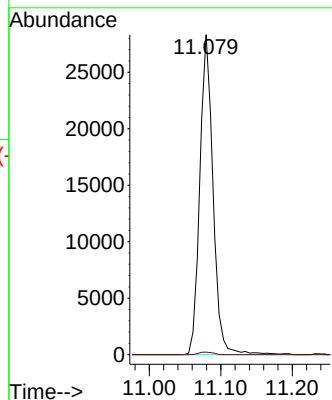
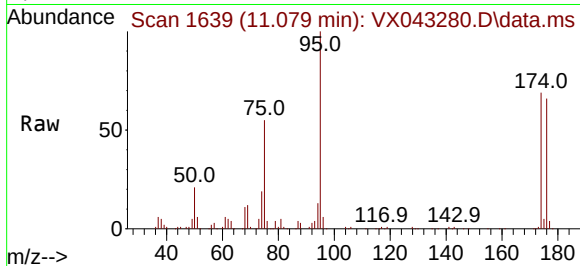




#76
1,2,3-Trichloropropane
Concen: 28.414 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043280.D
Acq: 04 Oct 2024 11:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 36325
Ion Ratio Lower Upper
75 100
77 0.9 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.640 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043280.D
Acq: 04 Oct 2024 11:46

Tgt Ion: 75 Resp: 36325
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

