

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
 Data File : VX024681.D
 Acq On : 08 Oct 2021 19:31
 Operator : JC/MD
 Sample : M4154-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 11 05:50:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

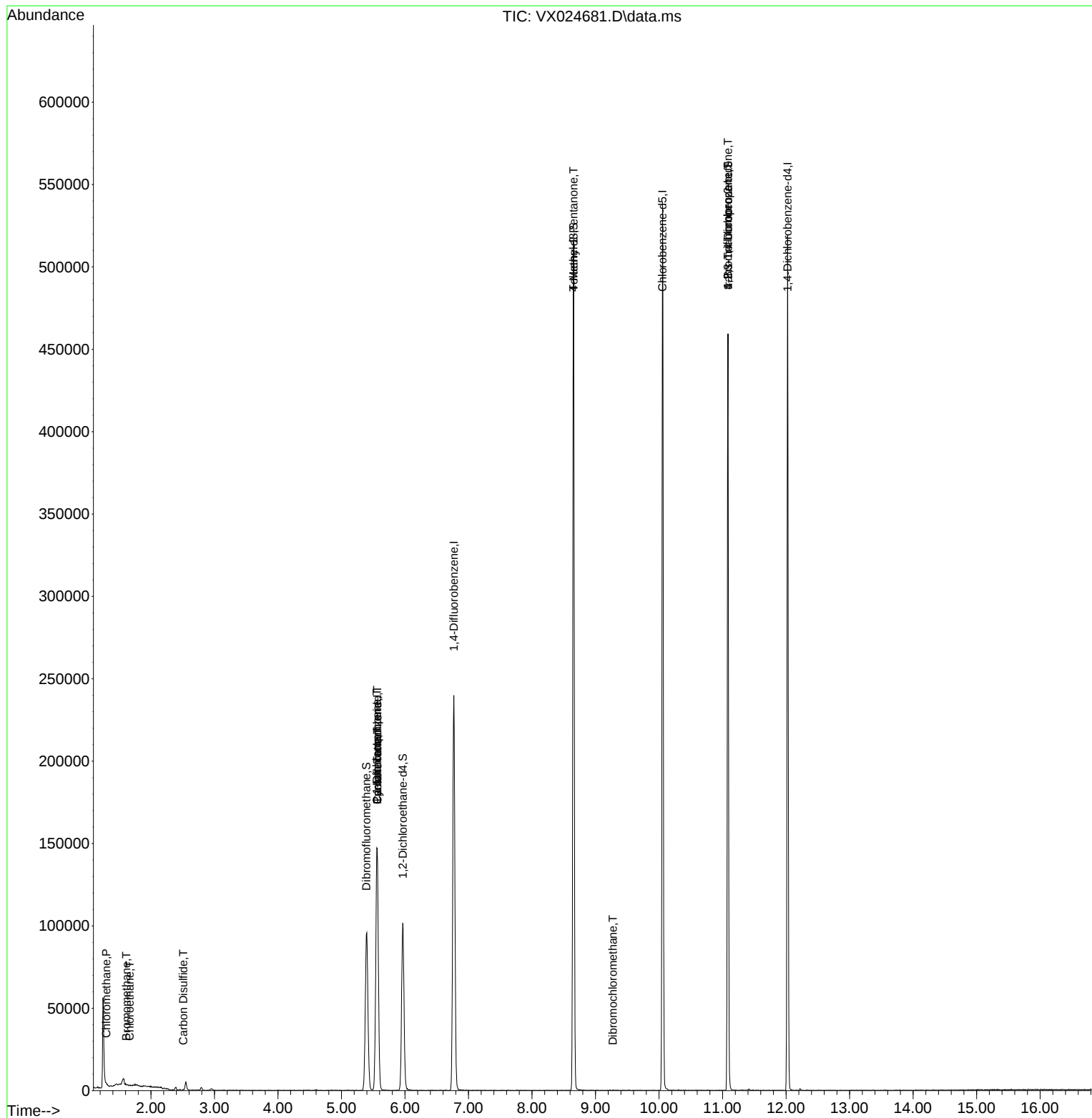
Internal Standards						
1) Pentafluorobenzene	5.562	168	138894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	239625	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102227	52.222	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.440%	
35) Dibromofluoromethane	5.391	113	80966	50.862	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.720%	
50) Toluene-d8	8.653	98	293777	50.141	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.280%	
62) 4-Bromofluorobenzene	11.085	95	115555	50.162	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.320%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	755	0.573	ug/l	93
5) Bromomethane	1.611	94	279	0.301	ug/l #	77
6) Chloroethane	1.666	64	364	0.653	ug/l #	43
11) Tert butyl alcohol	2.959	59	659	Below Cal	#	73
16) Acetone	2.392	43	1711	Below Cal	#	86
17) Carbon Disulfide	2.508	76	530	0.388	ug/l #	75
20) Methylene Chloride	2.794	84	813	Below Cal	#	93
31) Cyclohexane	5.562	56	3224	1.375	ug/l #	45
36) 1,1-Dichloropropene	5.556	75	10349	4.505	ug/l #	49
38) Carbon Tetrachloride	5.562	117	13978	5.590	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1376	0.478	ug/l #	1
60) Dibromochloromethane	9.275	129	21	1.198	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	63471	27.382	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	63471	74.486	ug/l #	12

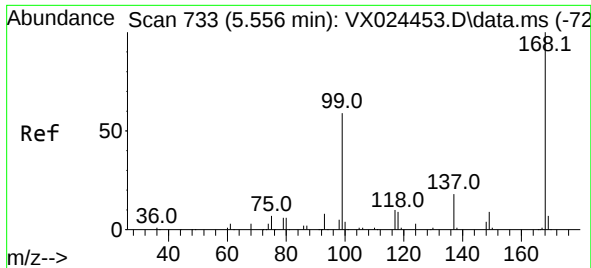
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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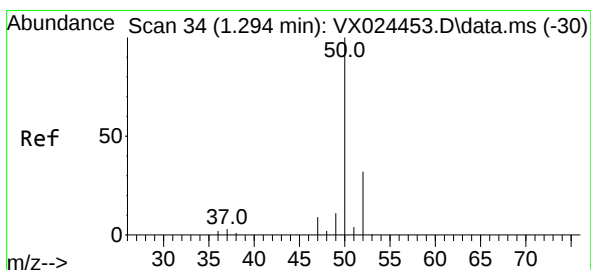
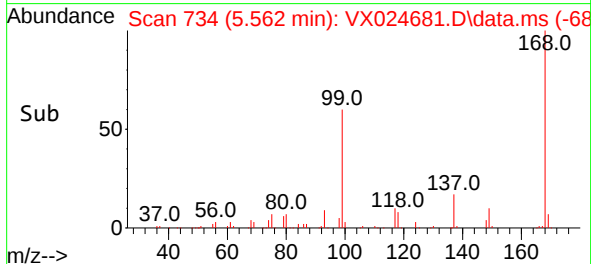
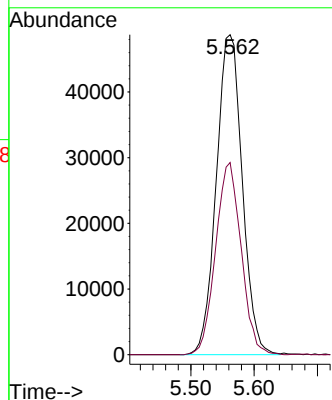
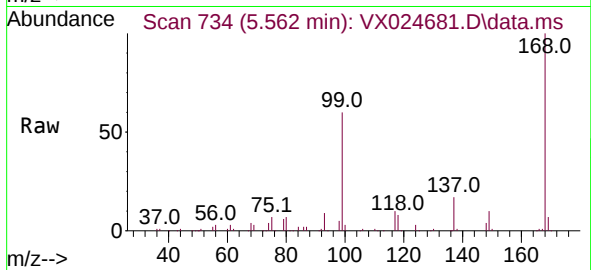




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024681.D
Acq: 08 Oct 2021 19:31

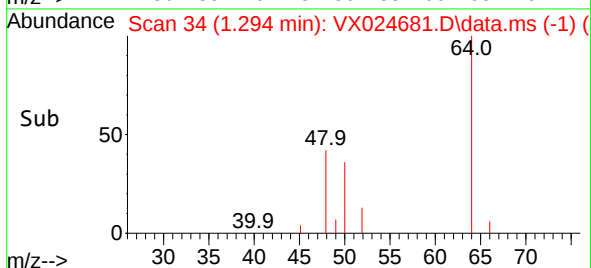
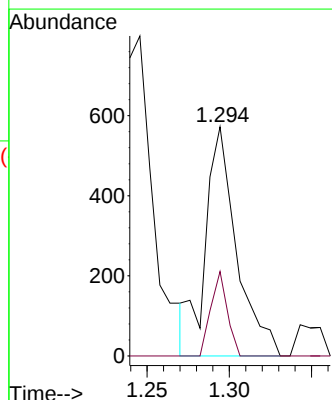
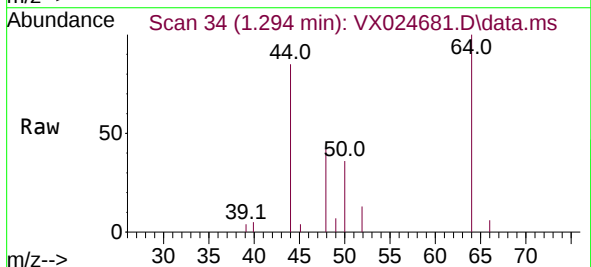
Instrument :
MSVOA_X
ClientSampled :

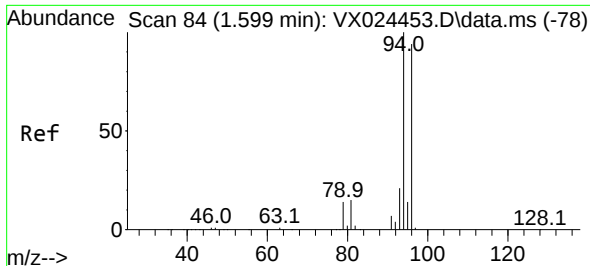
Tgt Ion:168 Resp: 138894
Ion Ratio Lower Upper
168 100
99 60.0 45.8 68.6



#3
Chloromethane
Concen: 0.573 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024681.D
Acq: 08 Oct 2021 19:31

Tgt Ion: 50 Resp: 755
Ion Ratio Lower Upper
50 100
52 36.9 26.4 39.6

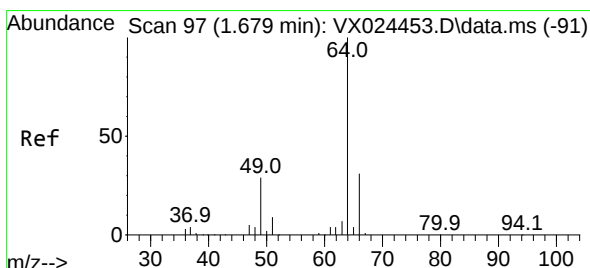
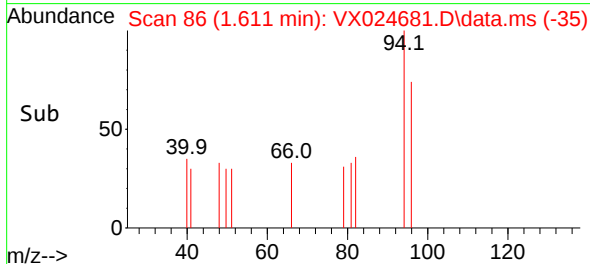
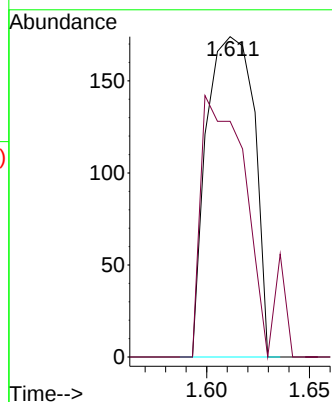
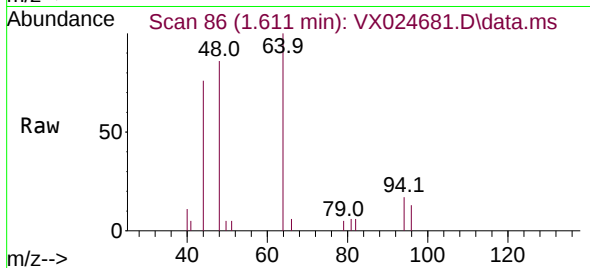




#5
Bromomethane
Concen: 0.301 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024681.D
Acq: 08 Oct 2021 19:31

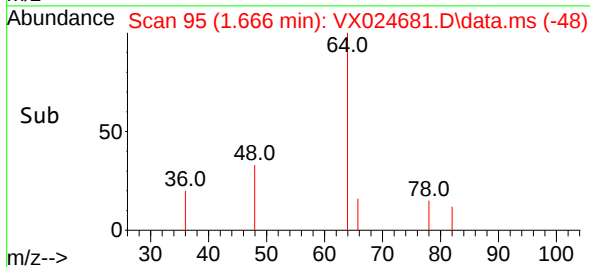
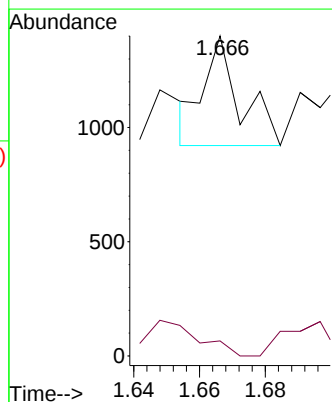
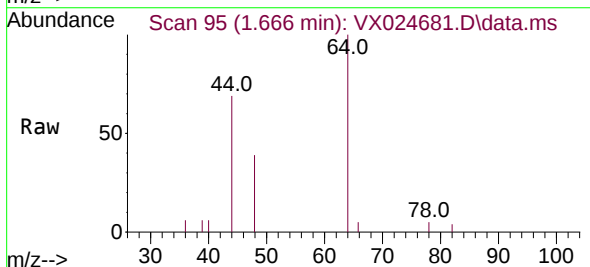
Instrument :
MSVOA_X
ClientSampleID :

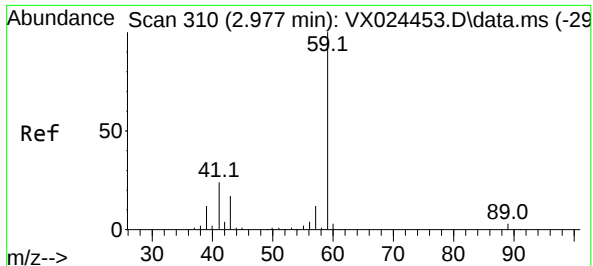
Tgt Ion: 94 Resp: 279
Ion Ratio Lower Upper
94 100
96 73.6 76.4 114.6#



#6
Chloroethane
Concen: 0.653 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX024681.D
Acq: 08 Oct 2021 19:31

Tgt Ion: 64 Resp: 364
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



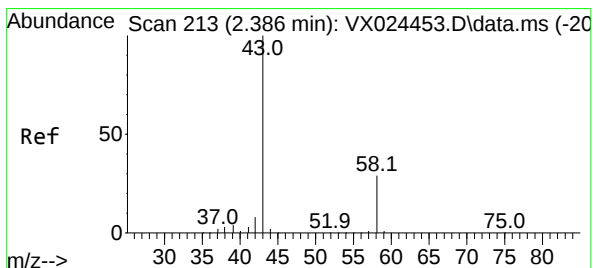
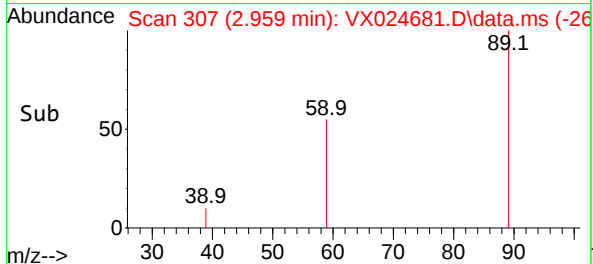
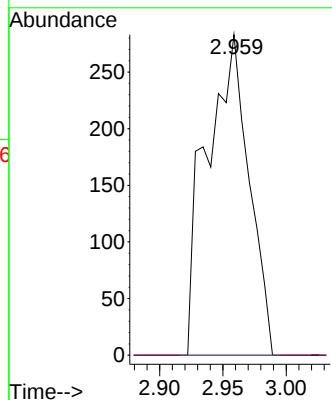
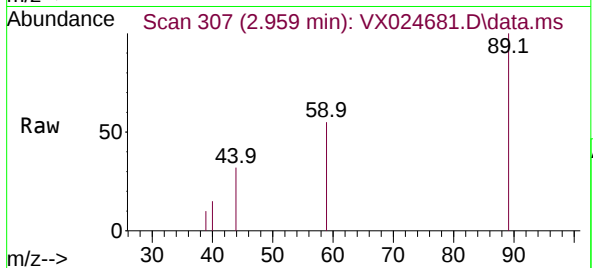


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX024681.D
Acq: 08 Oct 2021 19:31

Instrument :
MSVOA_X
ClientSampled :

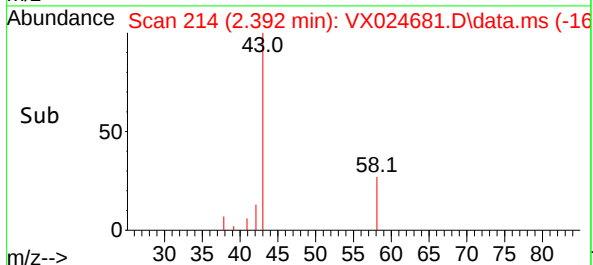
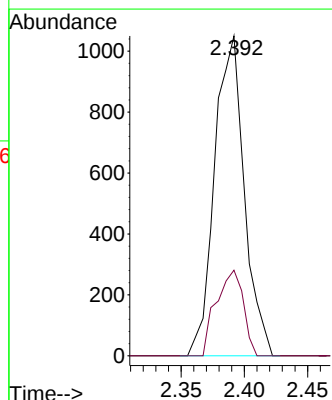
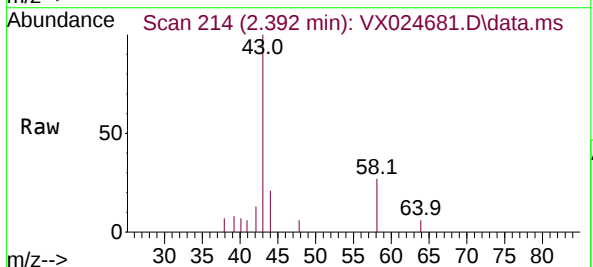
Tgt Ion: 59 Resp: 659
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

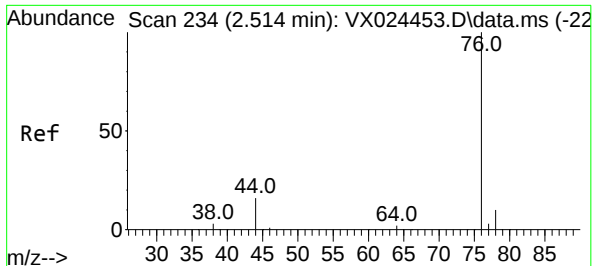


#16

Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX024681.D
Acq: 08 Oct 2021 19:31

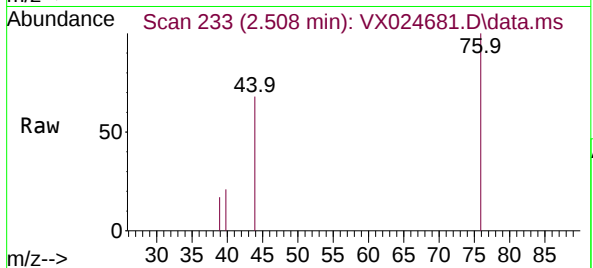
Tgt Ion: 43 Resp: 1711
Ion Ratio Lower Upper
43 100
58 26.8 27.8 41.8#



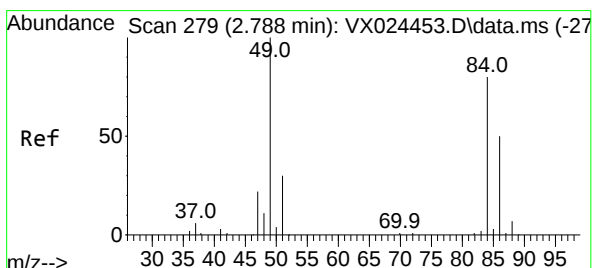
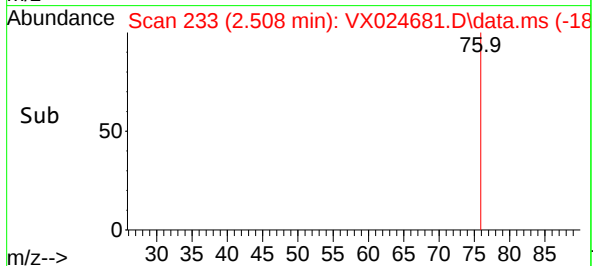
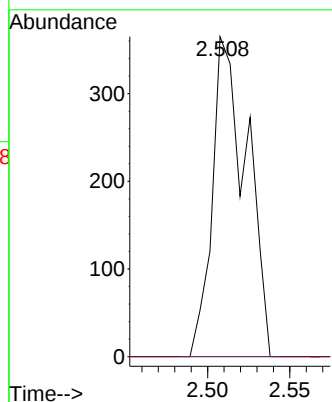


#17
Carbon Disulfide
Concen: 0.388 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX024681.D
Acq: 08 Oct 2021 19:31

Instrument :
MSVOA_X
ClientSampled :

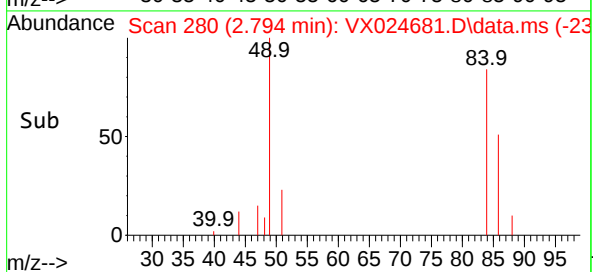
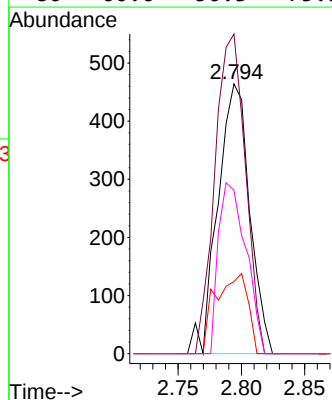
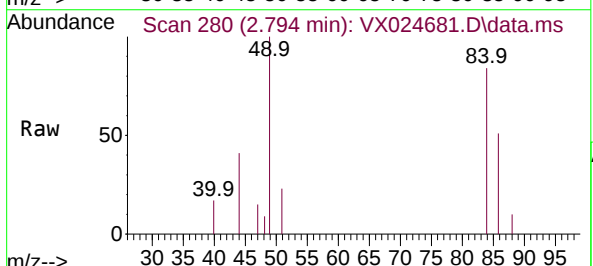


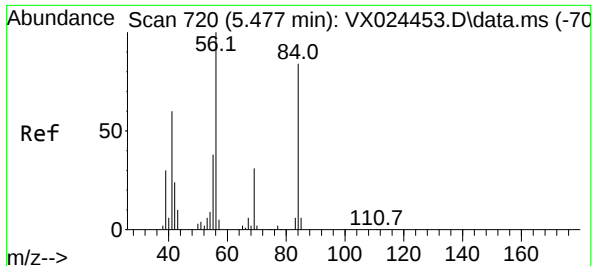
Tgt Ion: 76 Resp: 530
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024681.D
Acq: 08 Oct 2021 19:31

Tgt Ion: 84 Resp: 813
Ion Ratio Lower Upper
84 100
49 118.5 88.6 132.8
51 26.7 27.0 40.6#
86 60.6 50.3 75.5

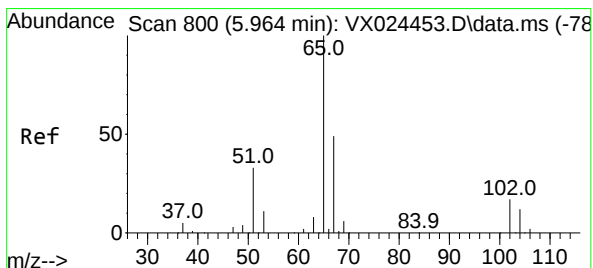
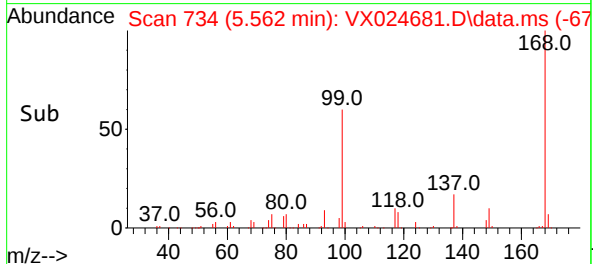
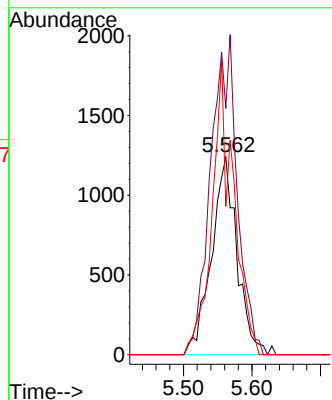
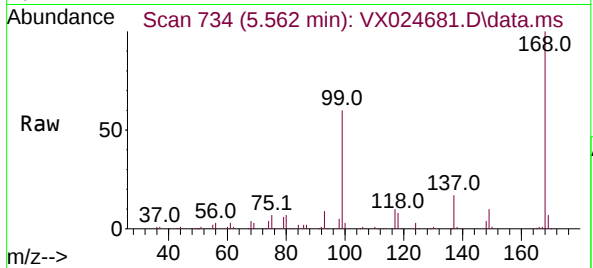




#31
Cyclohexane
Concen: 1.375 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024681.D
Acq: 08 Oct 2021 19:31

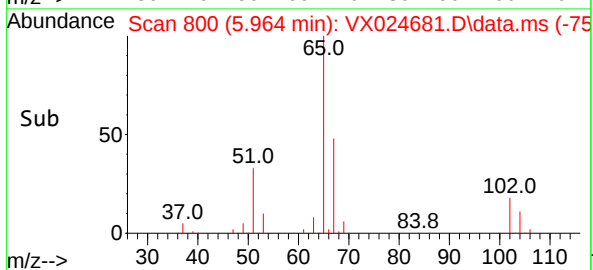
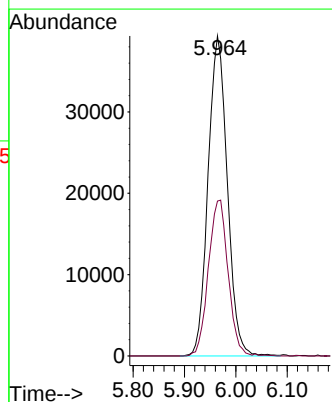
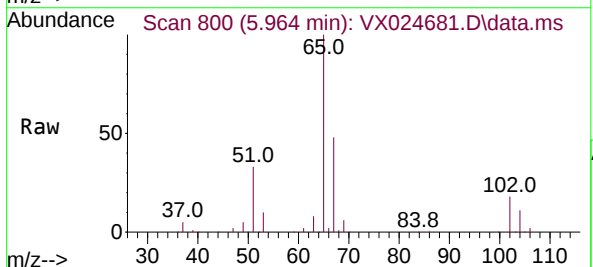
Instrument :
MSVOA_X
ClientSampled :

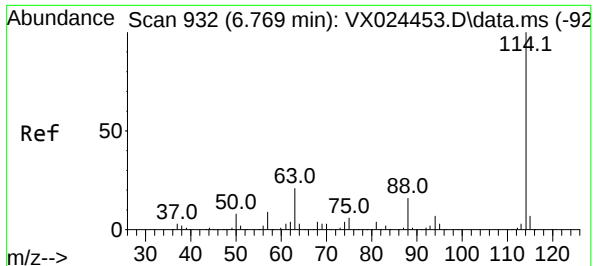
Tgt Ion: 56 Resp: 3224
Ion Ratio Lower Upper
56 100
69 124.7 25.3 37.9#
84 75.1 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 52.222 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024681.D
Acq: 08 Oct 2021 19:31

Tgt Ion: 65 Resp: 102227
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.4

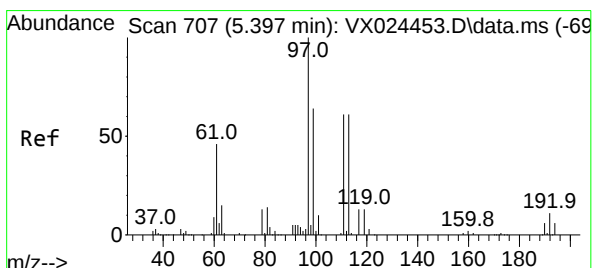
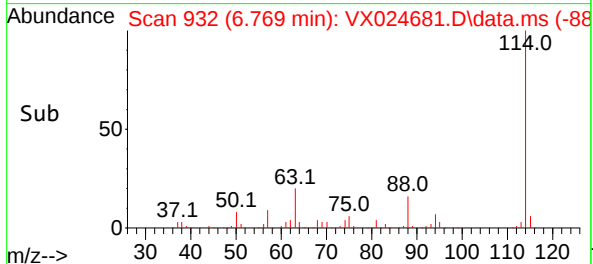
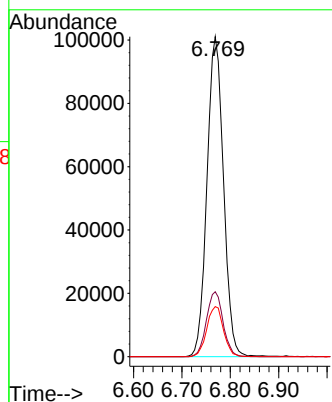
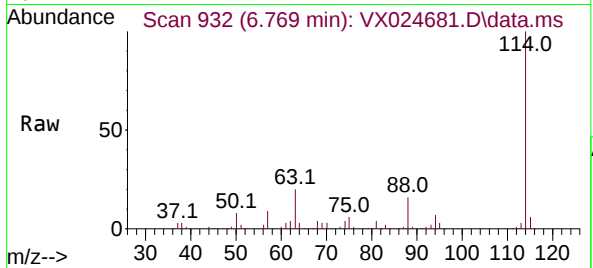




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024681.D
Acq: 08 Oct 2021 19:31

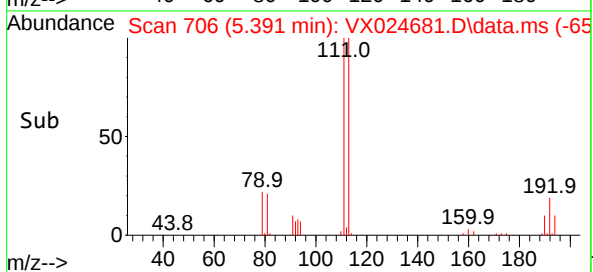
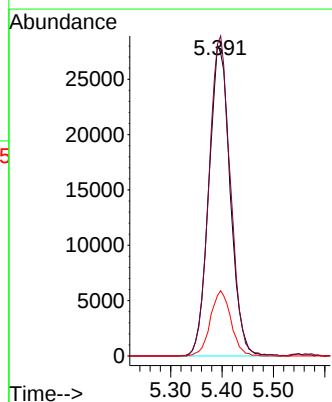
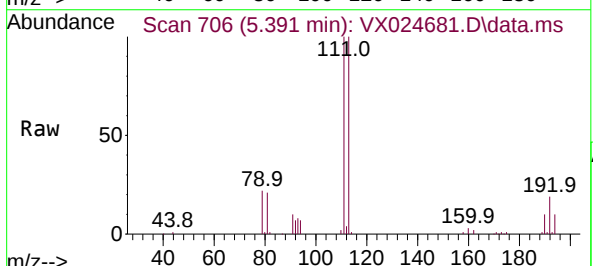
Instrument :
MSVOA_X
ClientSampled :

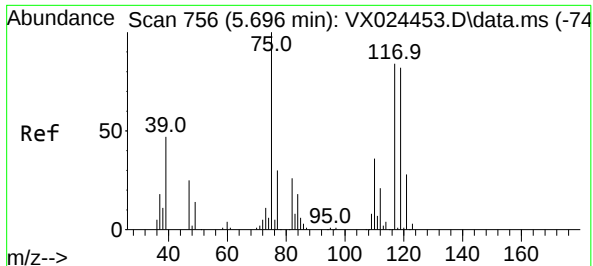
Tgt Ion:114 Resp: 239625
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 15.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.862 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024681.D
Acq: 08 Oct 2021 19:31

Tgt Ion:113 Resp: 80966
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 20.2 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.505 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX024681.D

Acq: 08 Oct 2021 19:31

Tgt Ion: 75 Resp: 10349

Ion Ratio Lower Upper

75 100

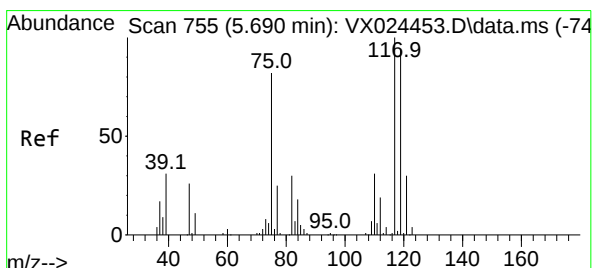
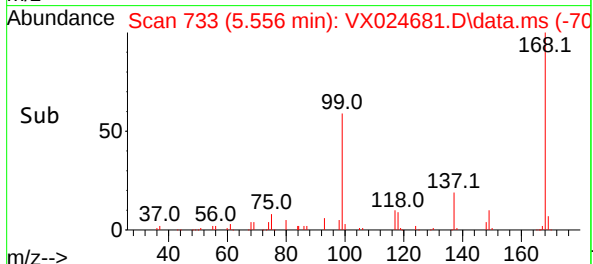
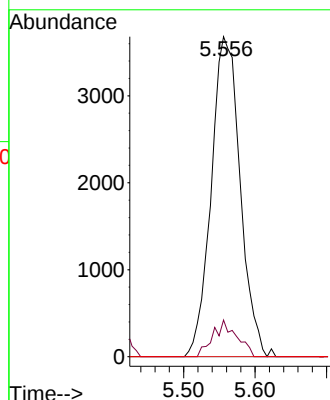
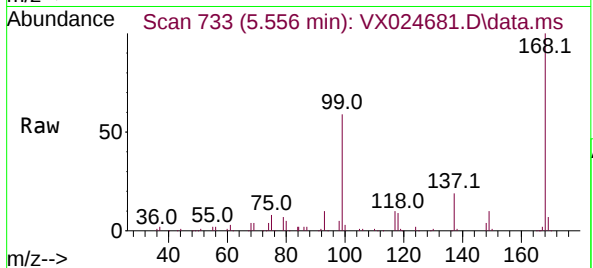
110 9.4 18.1 54.4#

77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.590 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.128 min

Lab File: VX024681.D

Acq: 08 Oct 2021 19:31

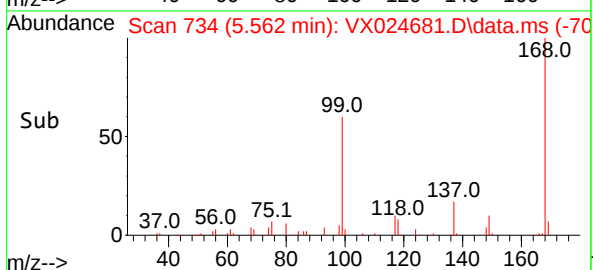
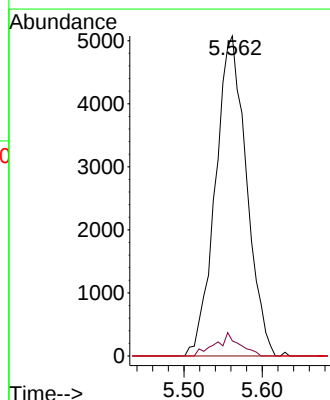
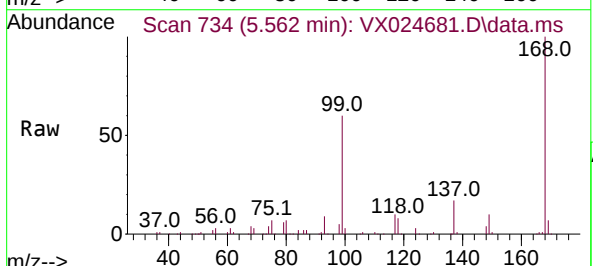
Tgt Ion: 117 Resp: 13978

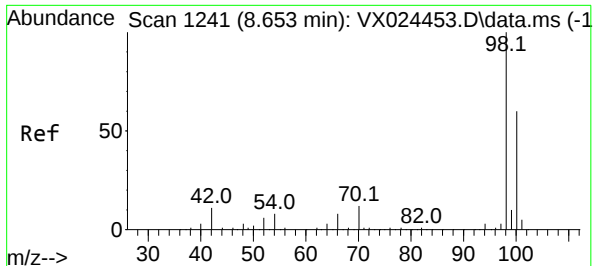
Ion Ratio Lower Upper

117 100

119 4.7 76.2 114.2#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 50.141 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024681.D

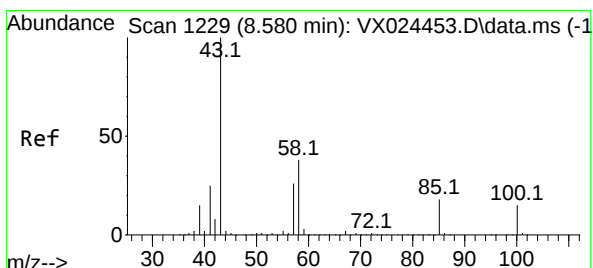
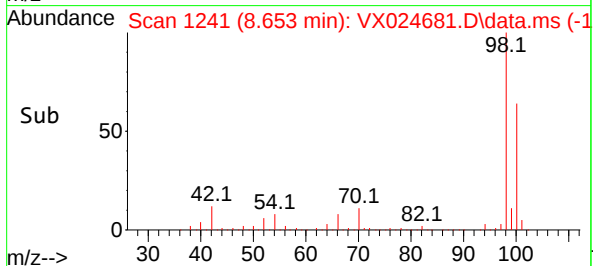
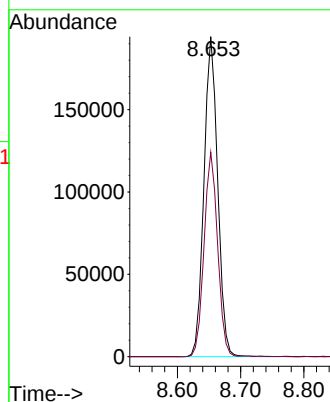
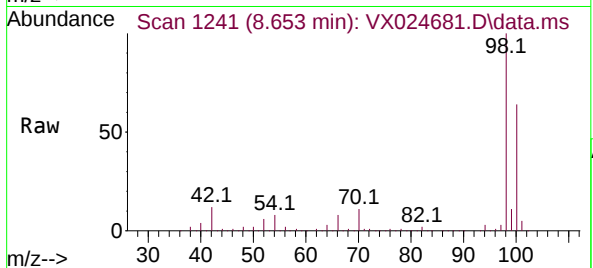
Acq: 08 Oct 2021 19:31

Tgt Ion: 98 Resp: 293777

Ion Ratio Lower Upper

98 100

100 63.3 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.478 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX024681.D

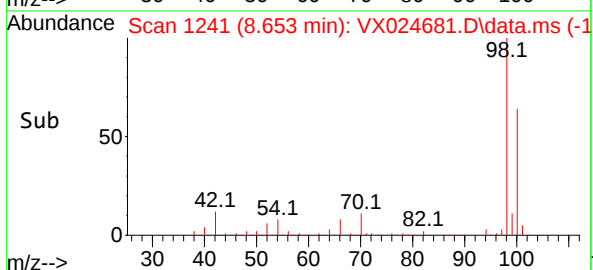
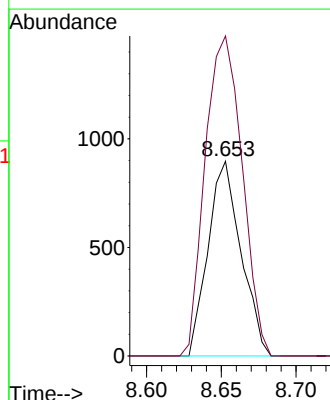
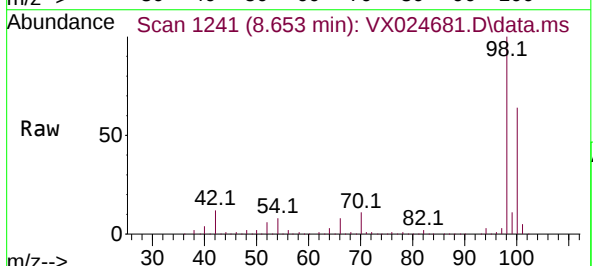
Acq: 08 Oct 2021 19:31

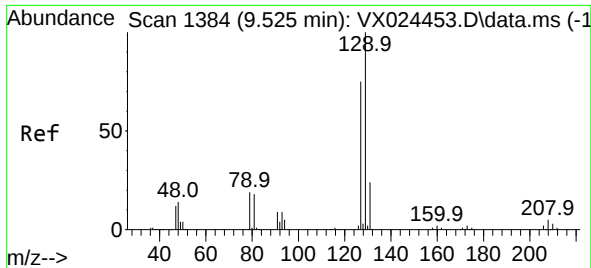
Tgt Ion: 43 Resp: 1376

Ion Ratio Lower Upper

43 100

58 184.7 35.4 53.0#

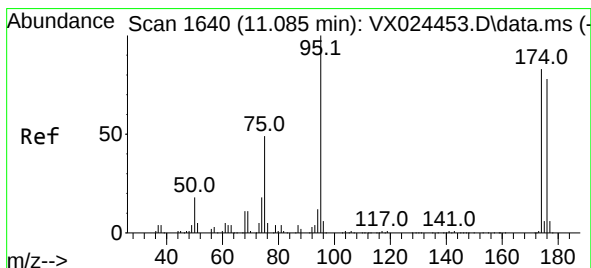
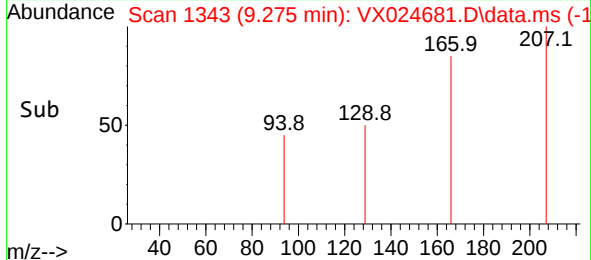
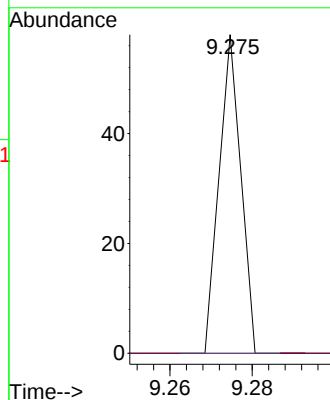
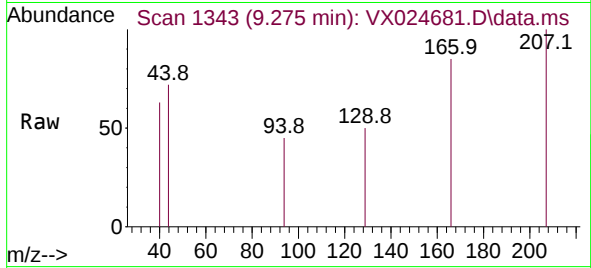




#60
Dibromochloromethane
Concen: 1.198 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024681.D
Acq: 08 Oct 2021 19:31

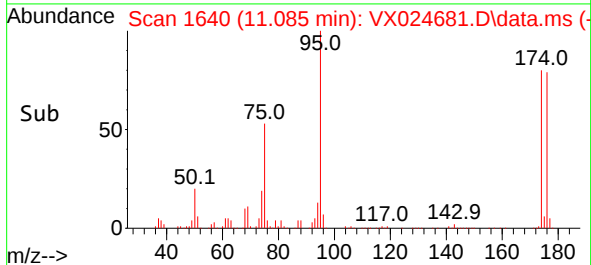
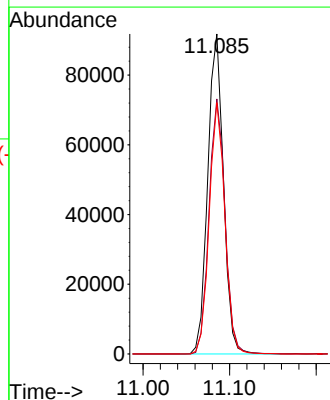
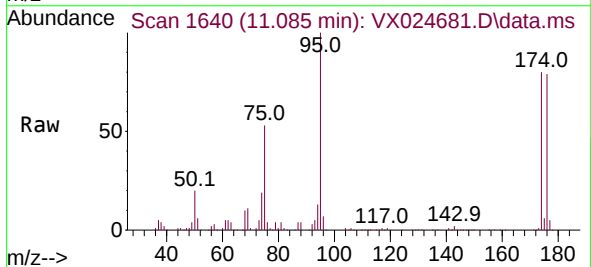
Instrument :
MSVOA_X
ClientSampled :

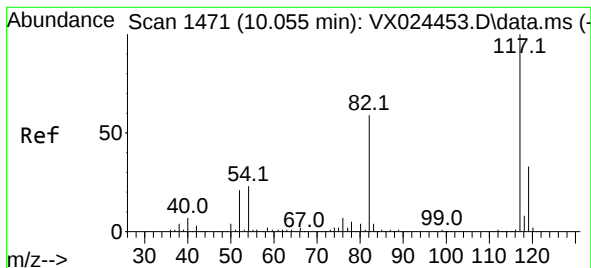
Tgt Ion:129 Resp: 21
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 50.162 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024681.D
Acq: 08 Oct 2021 19:31

Tgt Ion: 95 Resp: 115555
Ion Ratio Lower Upper
95 100
174 81.6 0.0 154.6
176 78.1 0.0 155.8

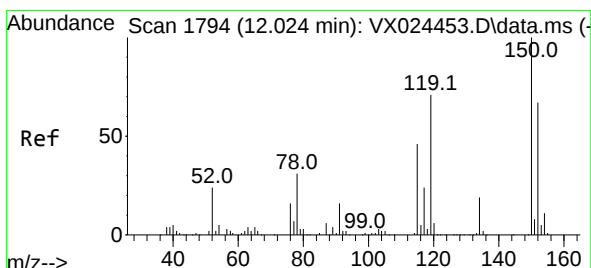
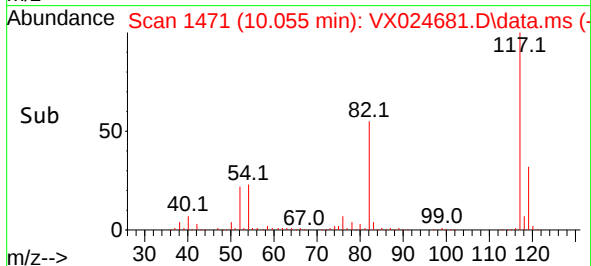
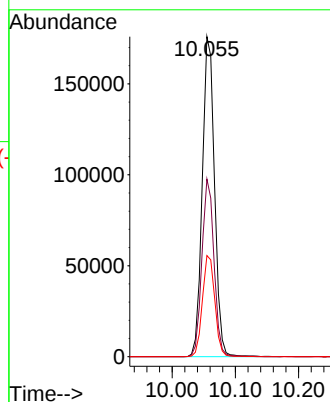
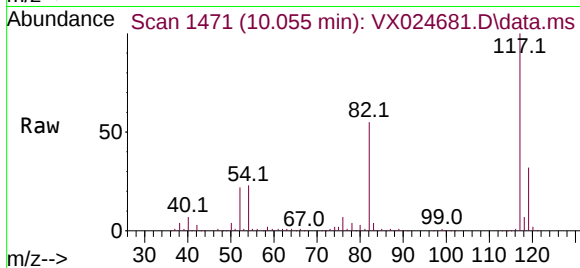




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024681.D
Acq: 08 Oct 2021 19:31

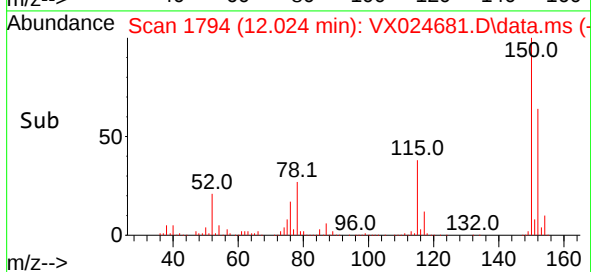
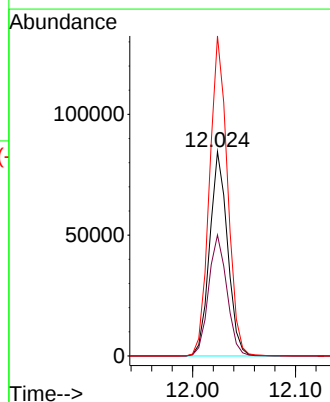
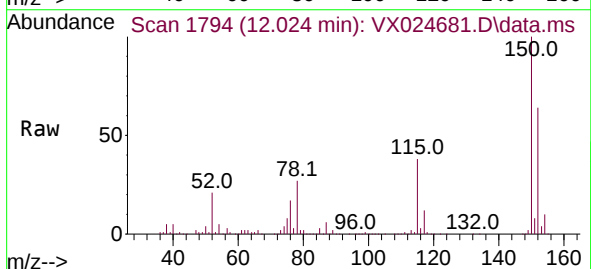
Instrument :
MSVOA_X
ClientSampleId :

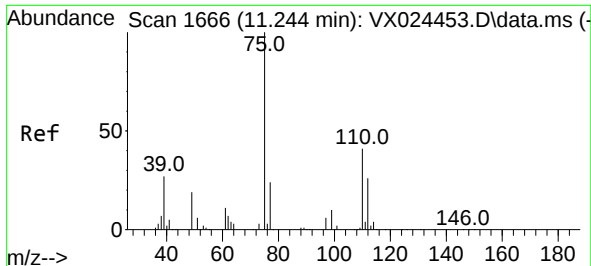
Tgt Ion:117 Resp: 237777
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024681.D
Acq: 08 Oct 2021 19:31

Tgt Ion:152 Resp: 102070
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 157.7 0.0 349.0

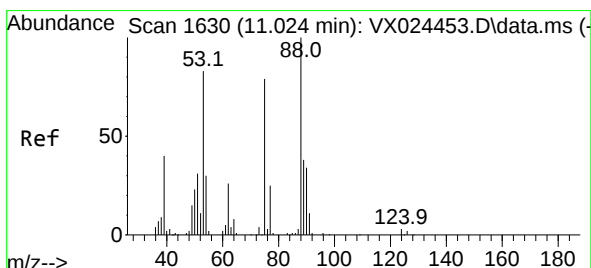
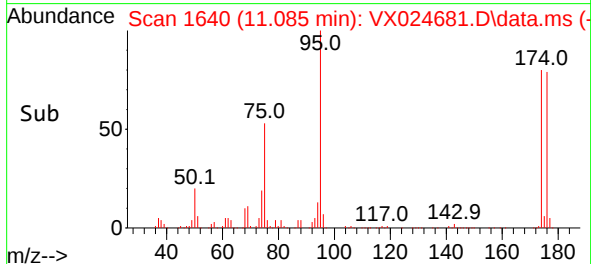
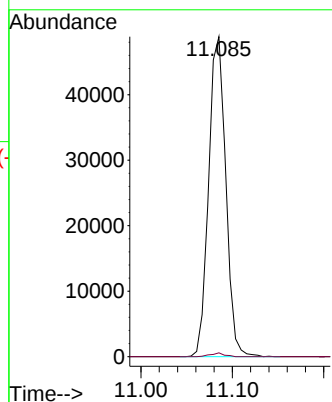
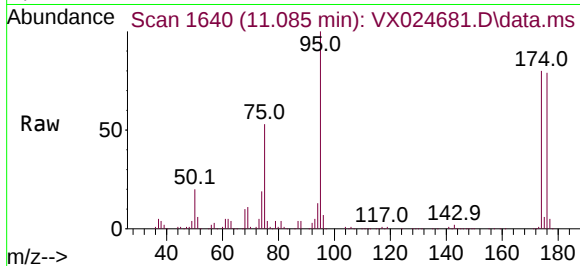




#76
1,2,3-Trichloropropane
Concen: 27.382 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024681.D
Acq: 08 Oct 2021 19:31

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 63471
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.486 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024681.D
Acq: 08 Oct 2021 19:31

Tgt Ion: 75 Resp: 63471
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

