

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
 Data File : VX024680.D
 Acq On : 08 Oct 2021 19:07
 Operator : JC/MD
 Sample : M4154-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 11 05:50:02 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)

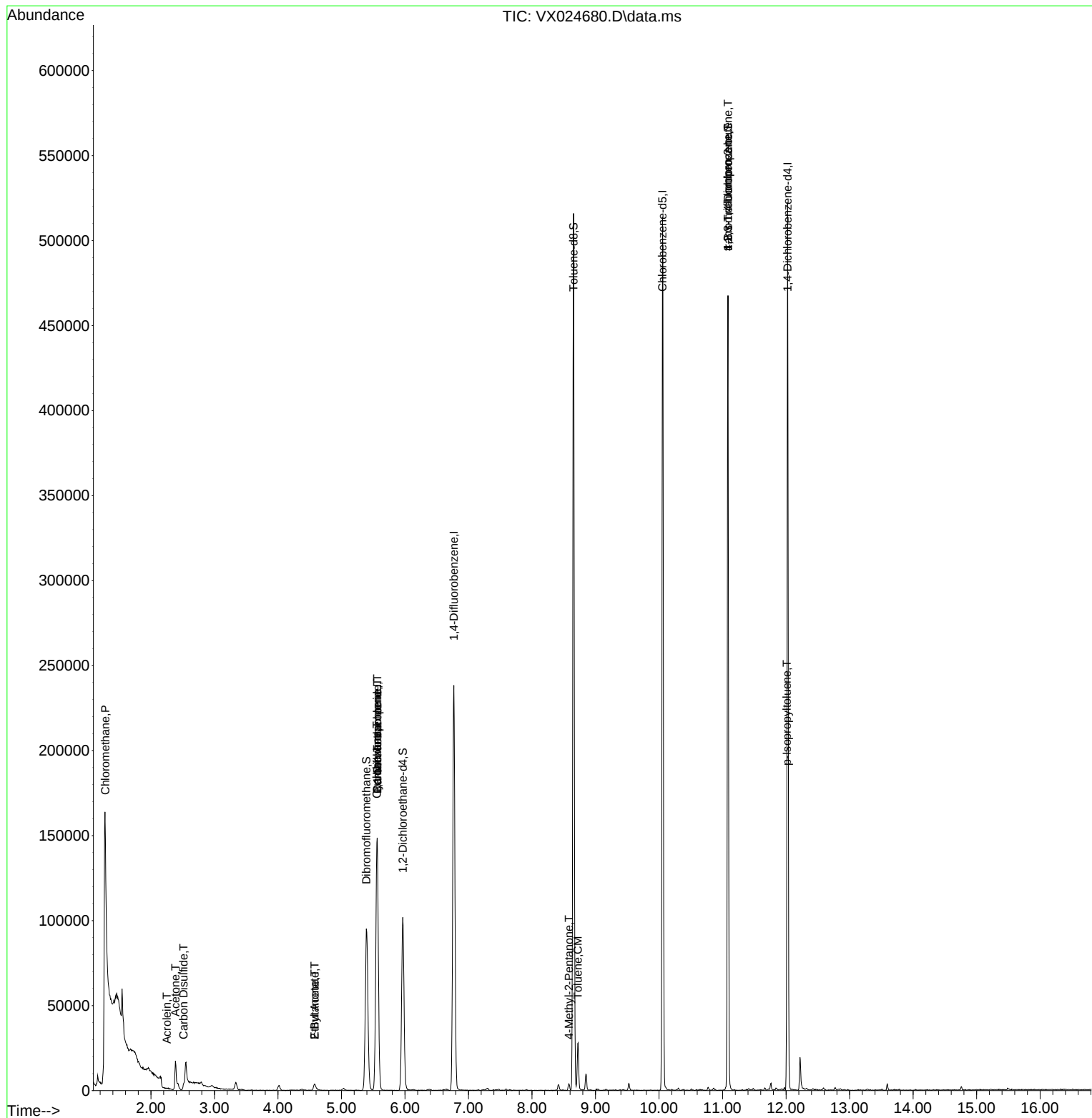
Internal Standards						
1) Pentafluorobenzene	5.562	168	139710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	238703	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101373	51.483	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.960%			
35) Dibromofluoromethane	5.391	113	80054	50.483	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.960%			
50) Toluene-d8	8.653	98	293166	50.230	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.460%			
62) 4-Bromofluorobenzene	11.085	95	116055	50.573	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.140%			
Target Compounds			Qvalue			
3) Chloromethane	1.282	50	8036	6.064	ug/l #	42
11) Tert butyl alcohol	2.947	59	477	Below Cal	#	73
13) Acrolein	2.252	56	79	10.770	ug/l	90
16) Acetone	2.386	43	16870	10.594	ug/l	94
17) Carbon Disulfide	2.514	76	5865	1.996	ug/l	99
20) Methylene Chloride	2.794	84	463	Below Cal	#	73
25) 2-Butanone	4.574	43	6390	4.712	ug/l	97
31) Cyclohexane	5.556	56	3092	1.311	ug/l #	17
36) 1,1-Dichloropropene	5.562	75	10680	4.667	ug/l #	50
37) Ethyl Acetate	4.574	43	6390	2.237	ug/l #	64
38) Carbon Tetrachloride	5.562	117	13756	5.522	ug/l #	16
51) 4-Methyl-2-Pentanone	8.580	43	2492	0.869	ug/l #	83
52) Toluene	8.720	92	10373	2.454	ug/l	100
76) 1,2,3-Trichloropropane	11.085	75	62137	26.747	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	62137	72.802	ug/l #	12
86) p-Isopropyltoluene	12.012	119	5881	0.905	ug/l	87

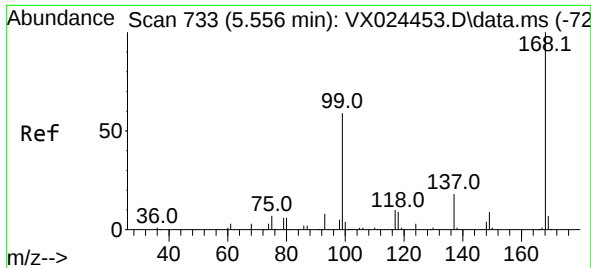
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampled :

Quant Time: Oct 11 05:50:02 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

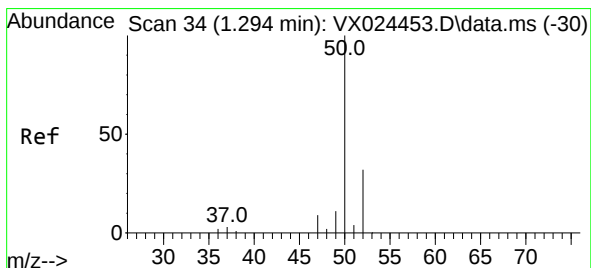
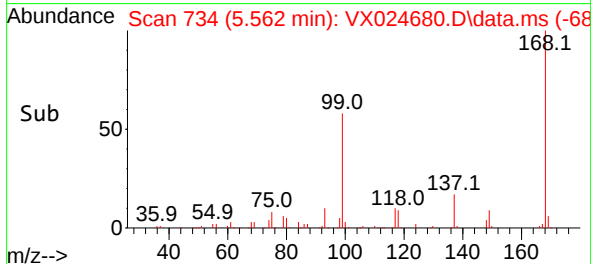
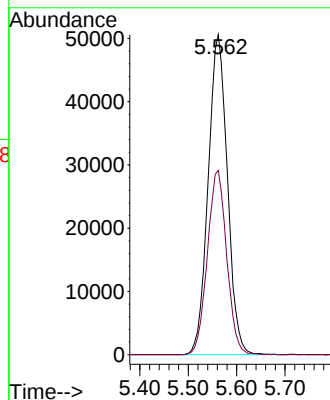
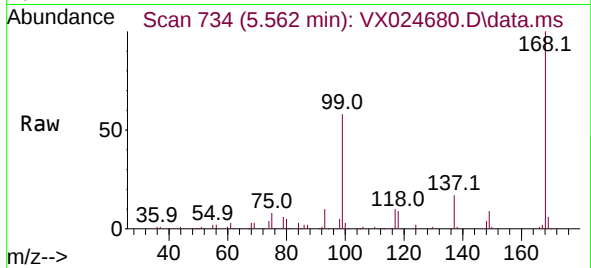




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024680.D
Acq: 08 Oct 2021 19:07

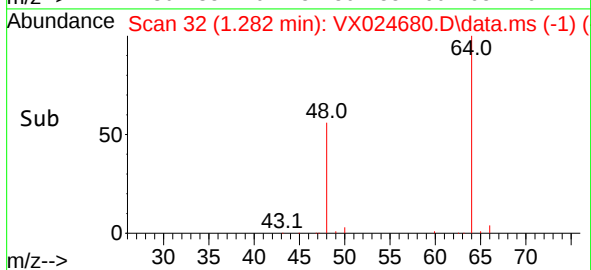
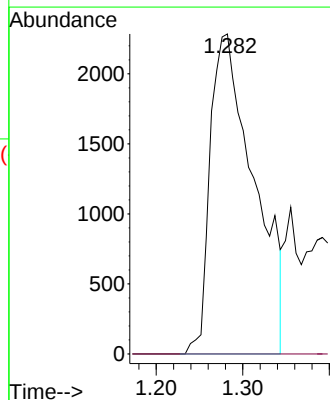
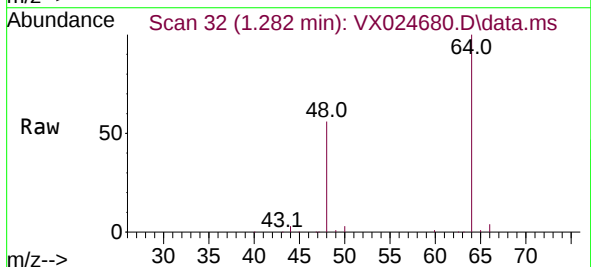
Instrument :
MSVOA_X
ClientSampled :

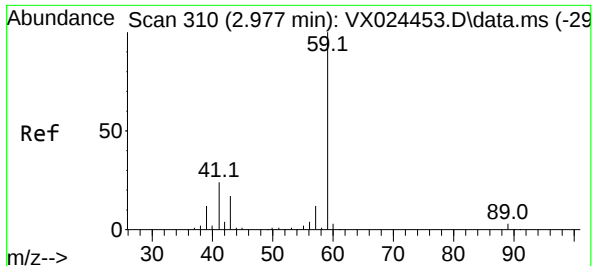
Tgt Ion:168 Resp: 139710
Ion Ratio Lower Upper
168 100
99 57.6 45.8 68.6



#3
Chloromethane
Concen: 6.064 ug/l
RT: 1.282 min Scan# 32
Delta R.T. -0.012 min
Lab File: VX024680.D
Acq: 08 Oct 2021 19:07

Tgt Ion: 50 Resp: 8036
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#



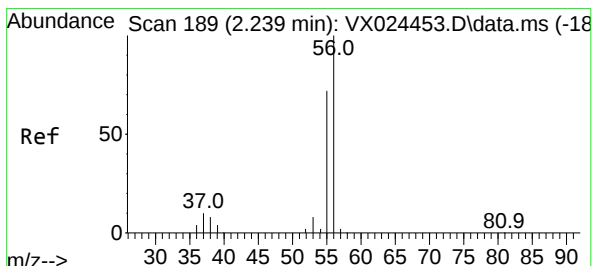
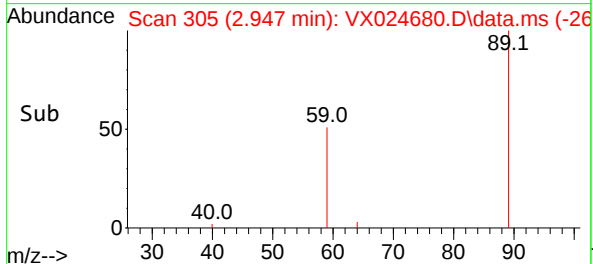
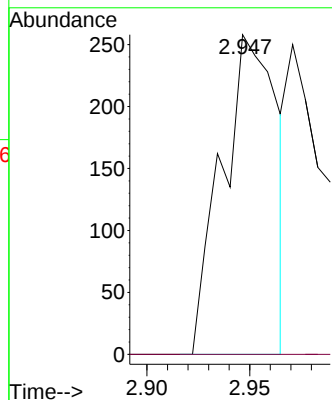
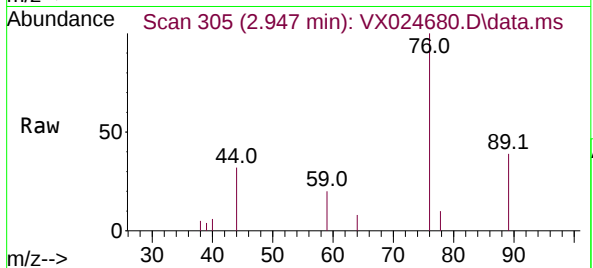


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX024680.D
Acq: 08 Oct 2021 19:07

Instrument :
MSVOA_X
ClientSampled :

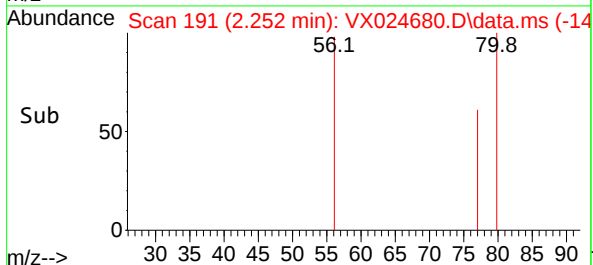
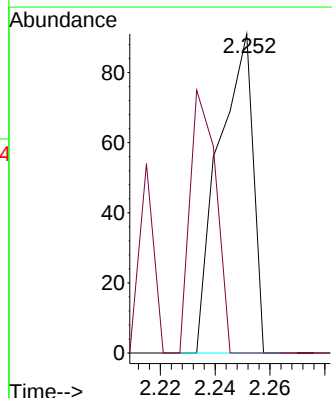
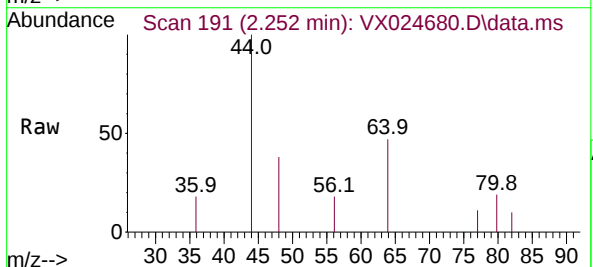
Tgt Ion: 59 Resp: 477
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

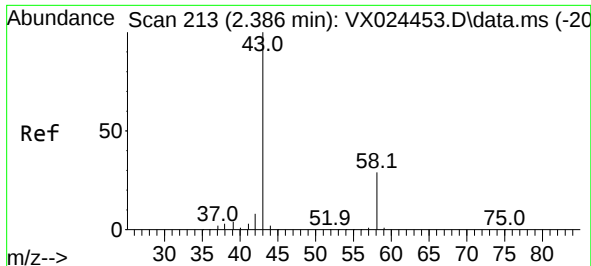


#13

Acrolein
Concen: 10.770 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX024680.D
Acq: 08 Oct 2021 19:07

Tgt Ion: 56 Resp: 79
Ion Ratio Lower Upper
56 100
55 62.0 56.4 84.6

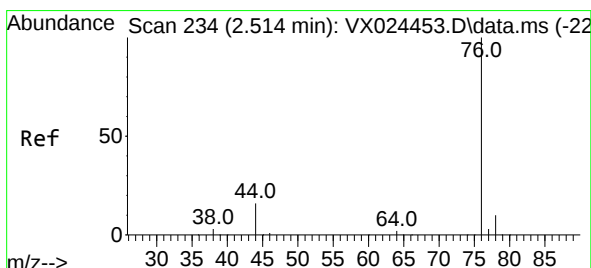
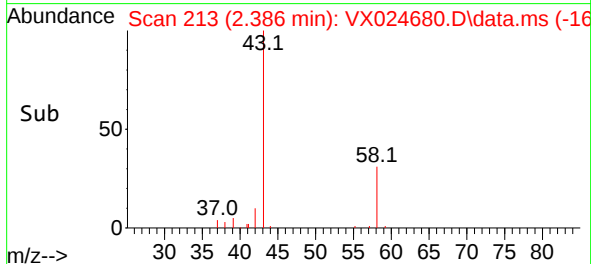
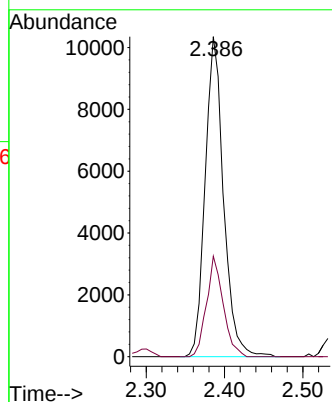
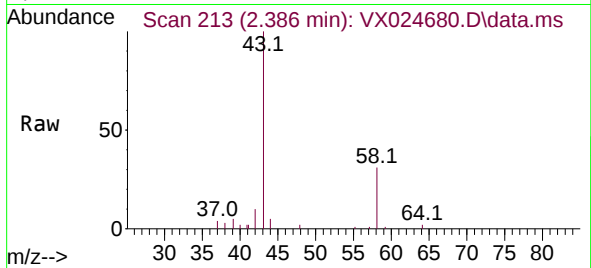




#16
Acetone
Concen: 10.594 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024680.D
Acq: 08 Oct 2021 19:07

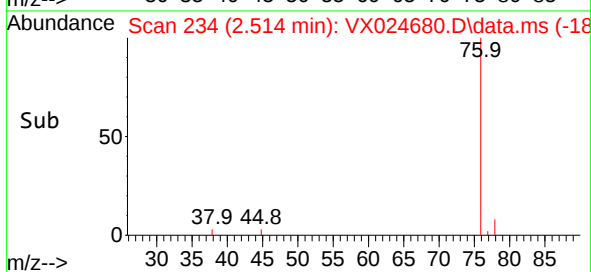
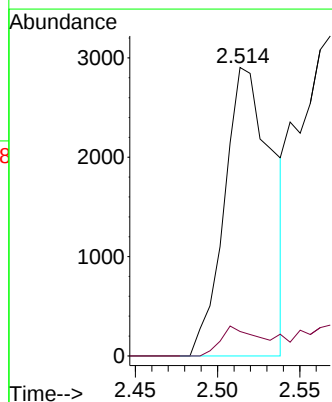
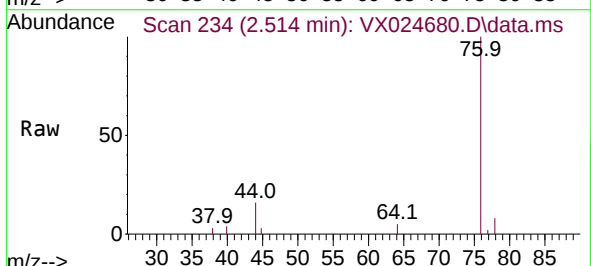
Instrument :
MSVOA_X
ClientSampled :

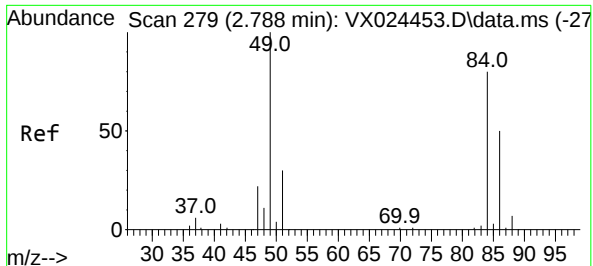
Tgt Ion: 43 Resp: 16870
Ion Ratio Lower Upper
43 100
58 31.4 27.8 41.8



#17
Carbon Disulfide
Concen: 1.996 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024680.D
Acq: 08 Oct 2021 19:07

Tgt Ion: 76 Resp: 5865
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

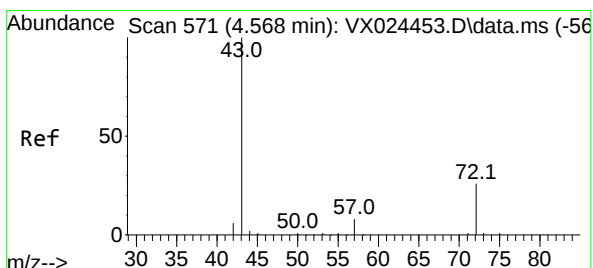
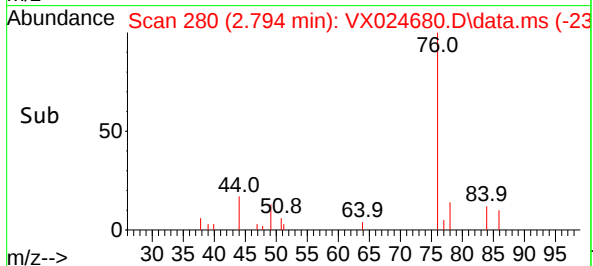
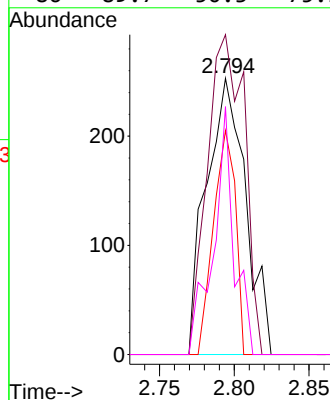
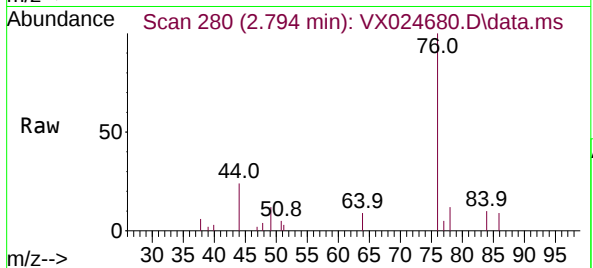
Delta R.T. 0.006 min

Lab File: VX024680.D

Acq: 08 Oct 2021 19:07

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:	84	Resp:	463
Ion	Ratio	Lower	Upper
84	100		
49	115.8	88.6	132.8
51	81.0	27.0	40.6#
86	89.7	50.3	75.5#



#25

2-Butanone

Concen: 4.712 ug/l

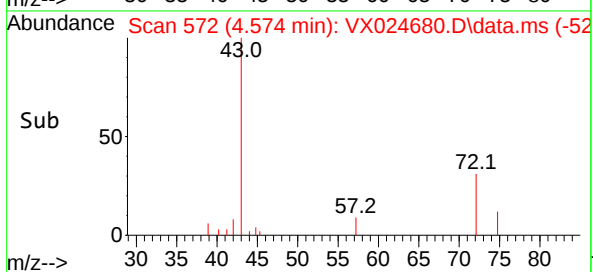
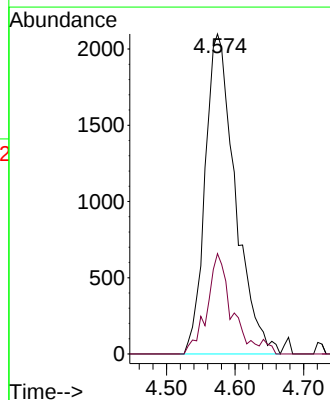
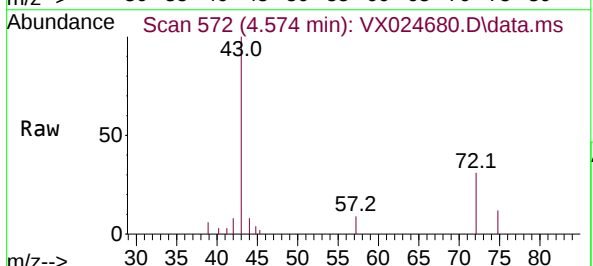
RT: 4.574 min Scan# 572

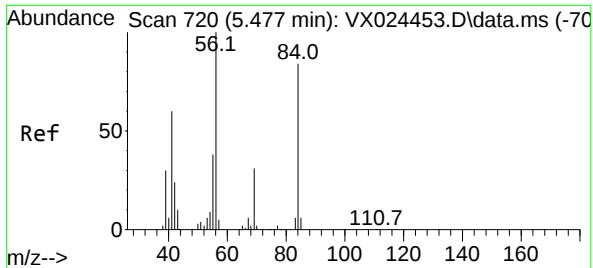
Delta R.T. 0.006 min

Lab File: VX024680.D

Acq: 08 Oct 2021 19:07

Tgt Ion:	43	Resp:	6390
Ion	Ratio	Lower	Upper
43	100		
72	31.3	23.7	35.5

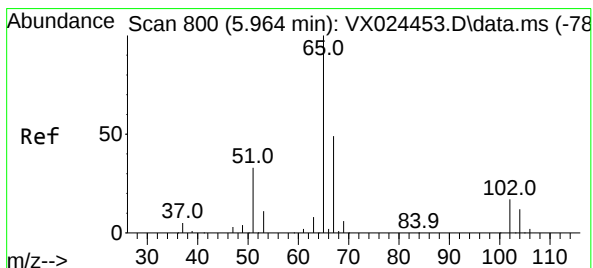
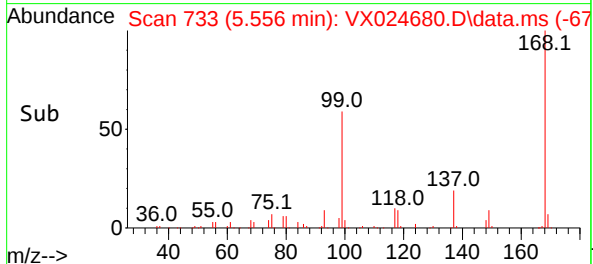
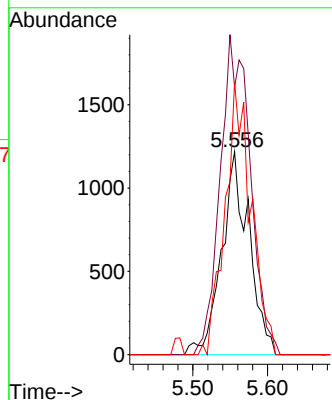
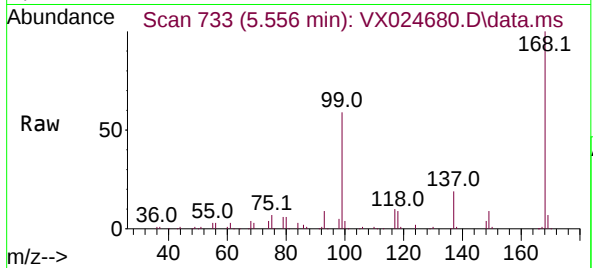




#31
Cyclohexane
Concen: 1.311 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024680.D
Acq: 08 Oct 2021 19:07

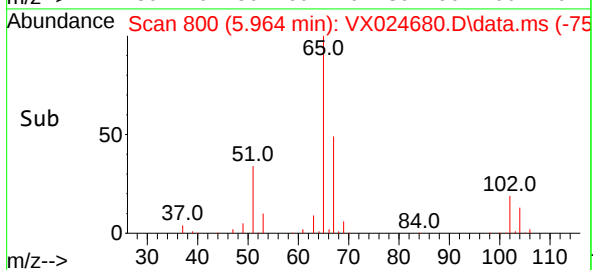
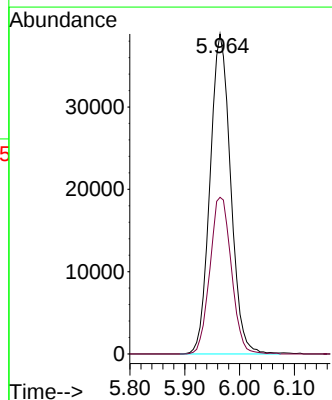
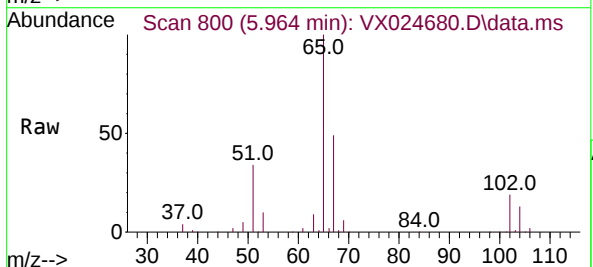
Instrument :
MSVOA_X
ClientSampleId :

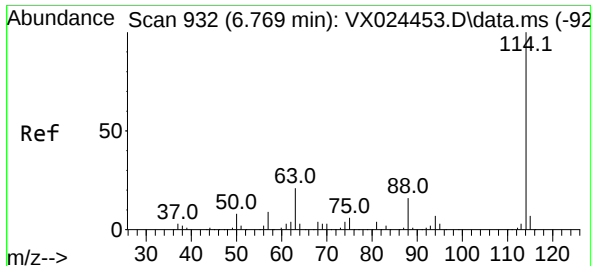
Tgt Ion: 56 Resp: 3092
Ion Ratio Lower Upper
56 100
69 131.9 25.3 37.9#
84 134.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.483 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024680.D
Acq: 08 Oct 2021 19:07

Tgt Ion: 65 Resp: 101373
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.4

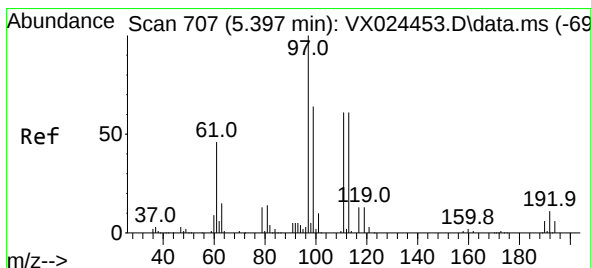
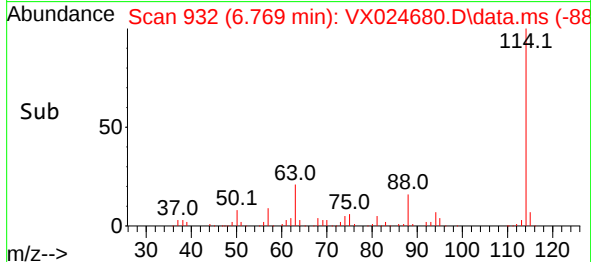
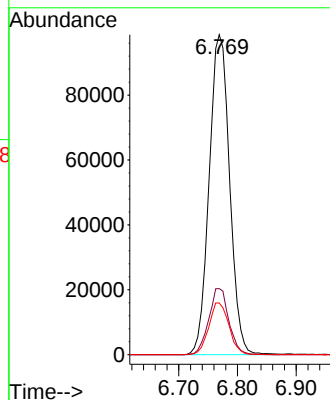
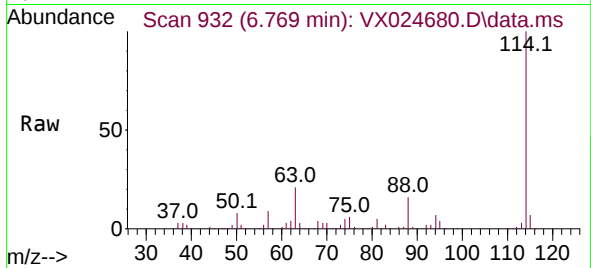




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024680.D
Acq: 08 Oct 2021 19:07

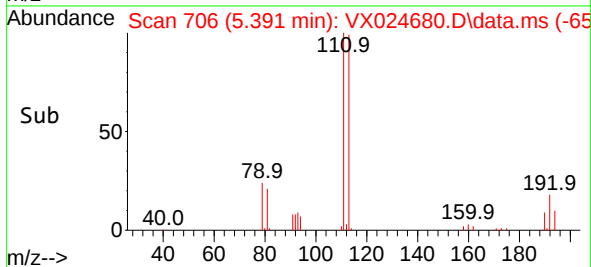
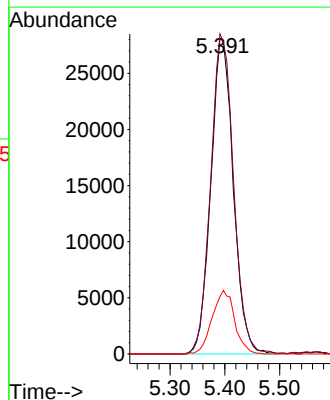
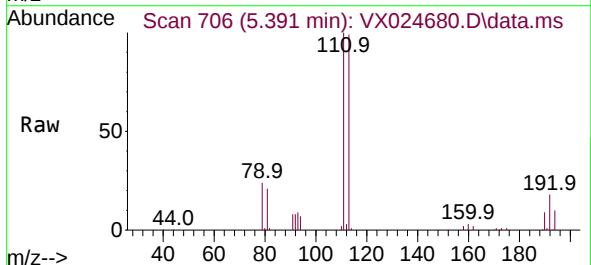
Instrument :
MSVOA_X
ClientSampleId :

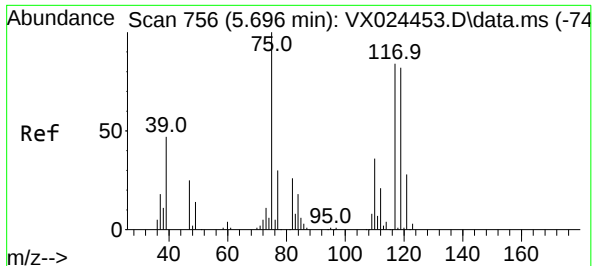
Tgt Ion:114 Resp: 238703
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.483 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024680.D
Acq: 08 Oct 2021 19:07

Tgt Ion:113 Resp: 80054
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 20.1 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.667 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX024680.D

Acq: 08 Oct 2021 19:07

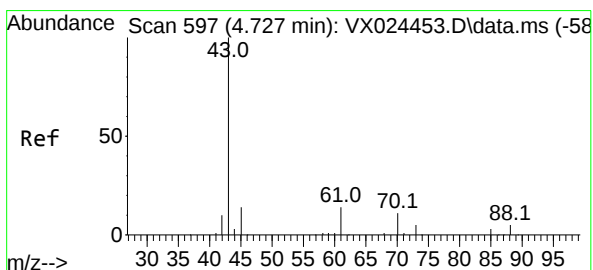
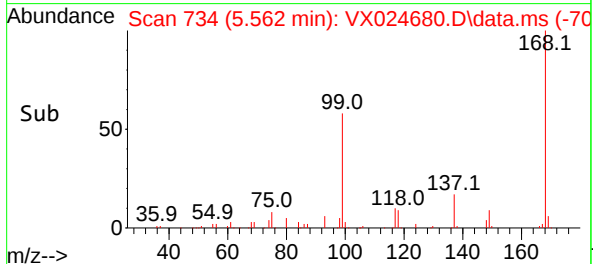
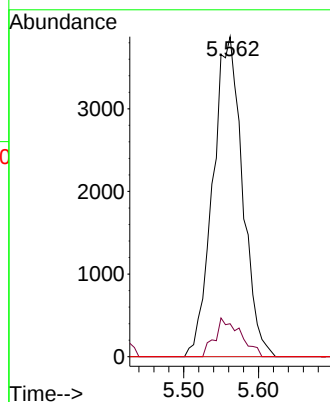
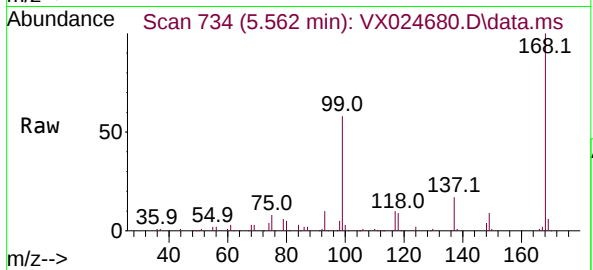
Tgt Ion: 75 Resp: 10680

Ion Ratio Lower Upper

75 100

110 10.5 18.1 54.4#

77 0.0 25.3 37.9#



#37

Ethyl Acetate

Concen: 2.237 ug/l

RT: 4.574 min Scan# 572

Delta R.T. -0.153 min

Lab File: VX024680.D

Acq: 08 Oct 2021 19:07

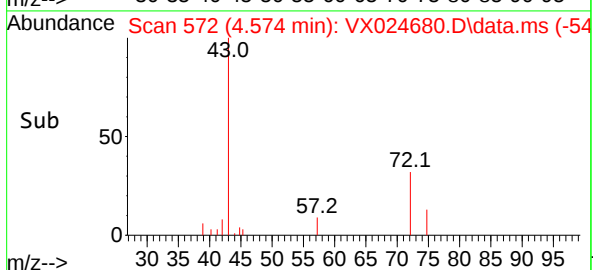
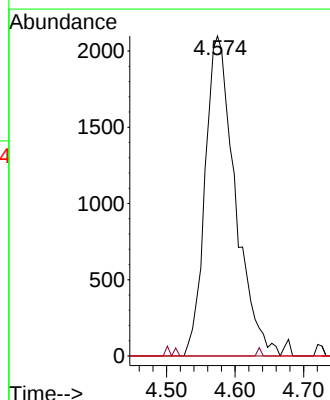
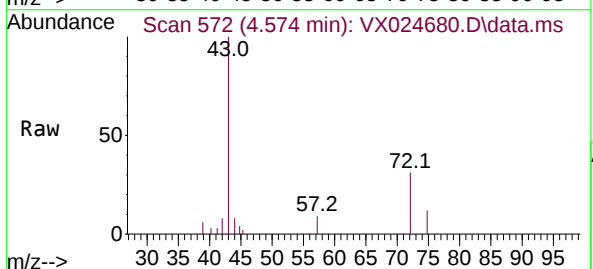
Tgt Ion: 43 Resp: 6390

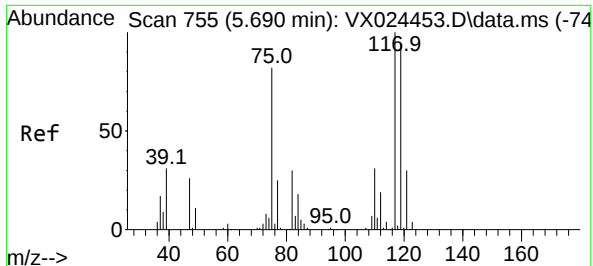
Ion Ratio Lower Upper

43 100

61 0.0 12.8 19.2#

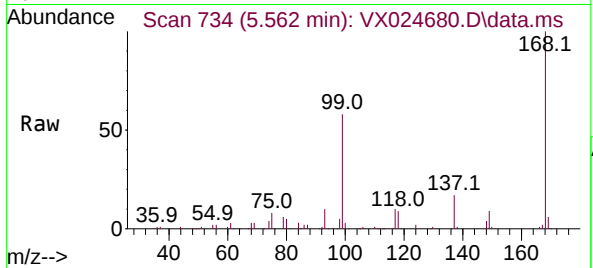
70 0.0 10.5 15.7#



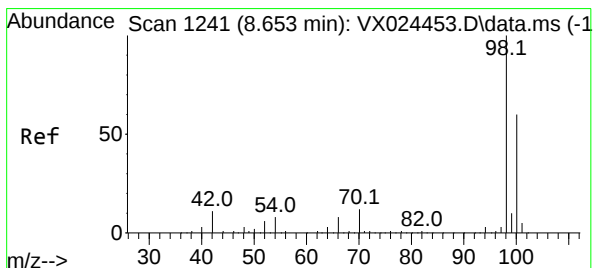
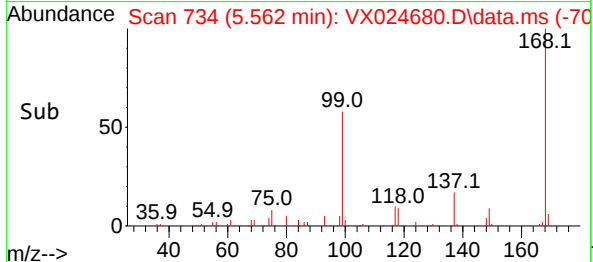
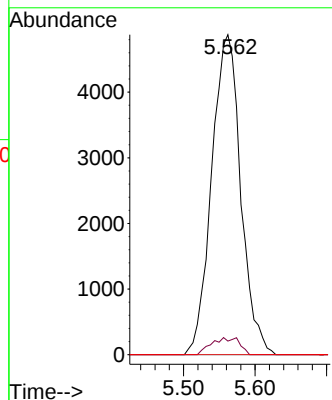


#38
Carbon Tetrachloride
Concen: 5.522 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024680.D
Acq: 08 Oct 2021 19:07

Instrument :
MSVOA_X
ClientSampled :

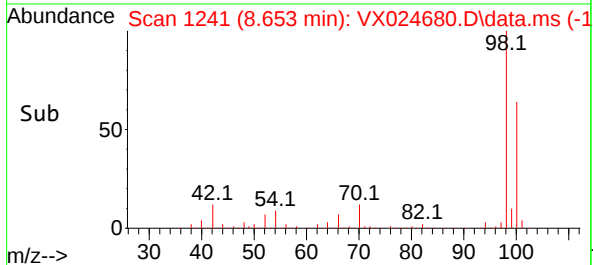
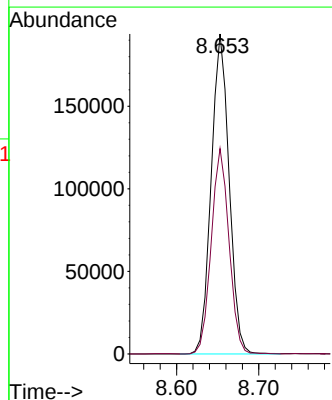
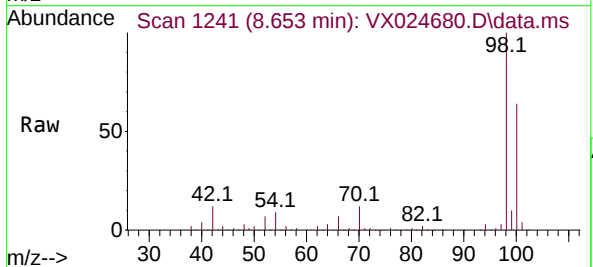


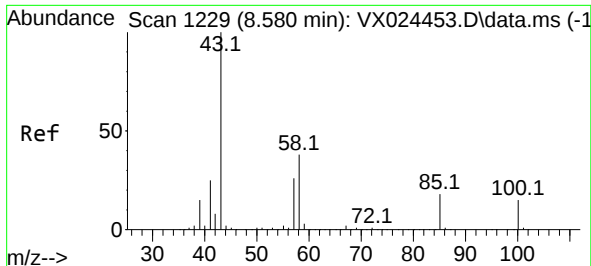
Tgt Ion:117 Resp: 13756
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.230 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024680.D
Acq: 08 Oct 2021 19:07

Tgt Ion: 98 Resp: 293166
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

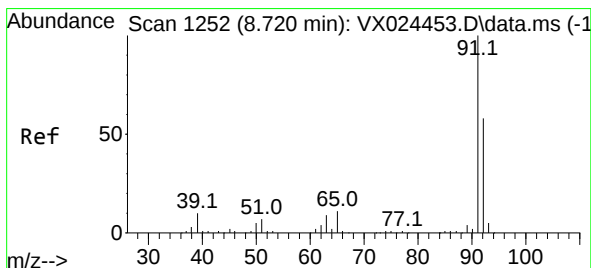
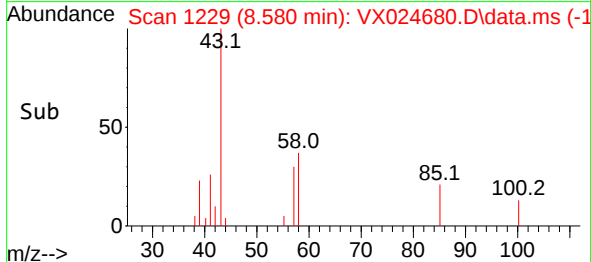
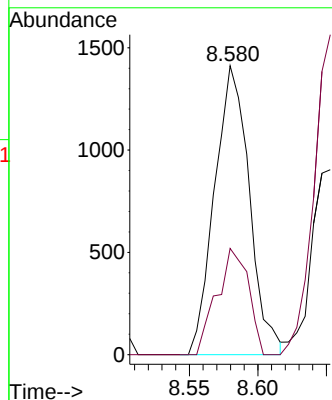
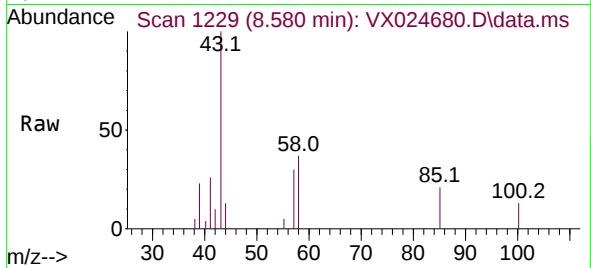




#51
4-Methyl-2-Pentanone
Concen: 0.869 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX024680.D
Acq: 08 Oct 2021 19:07

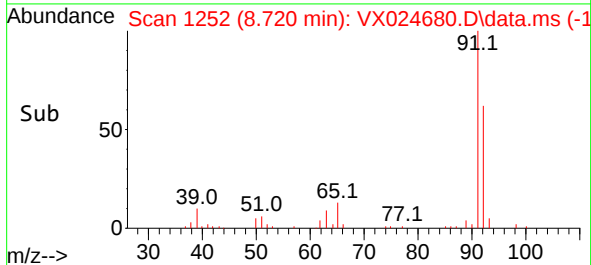
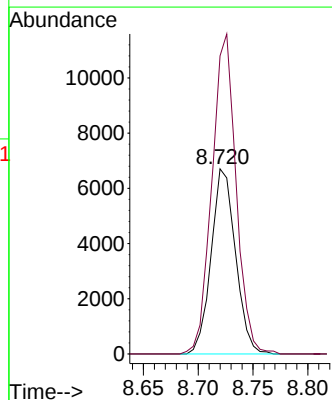
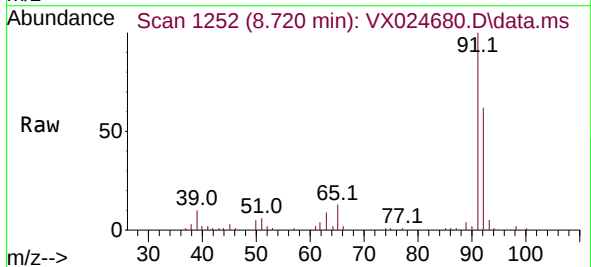
Instrument :
MSVOA_X
ClientSampled :

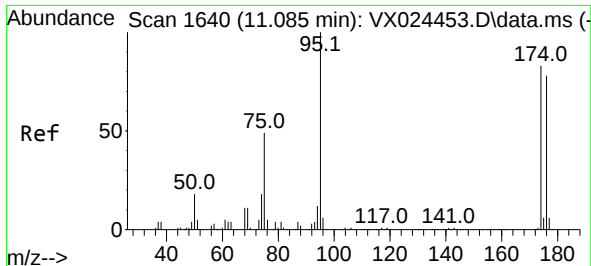
Tgt Ion: 43 Resp: 2492
Ion Ratio Lower Upper
43 100
58 33.4 35.4 53.0#



#52
Toluene
Concen: 2.454 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX024680.D
Acq: 08 Oct 2021 19:07

Tgt Ion: 92 Resp: 10373
Ion Ratio Lower Upper
92 100
91 171.6 137.1 205.7

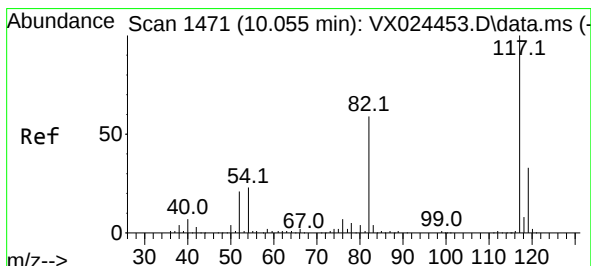
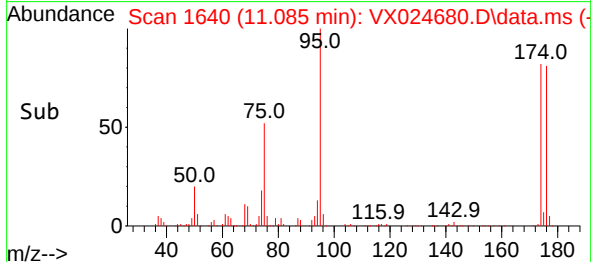
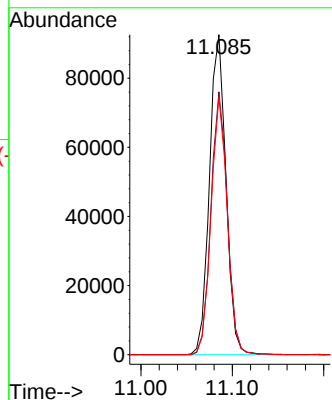
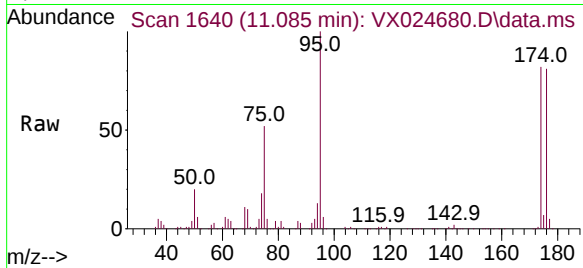




#62
4-Bromofluorobenzene
Concen: 50.573 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024680.D
Acq: 08 Oct 2021 19:07

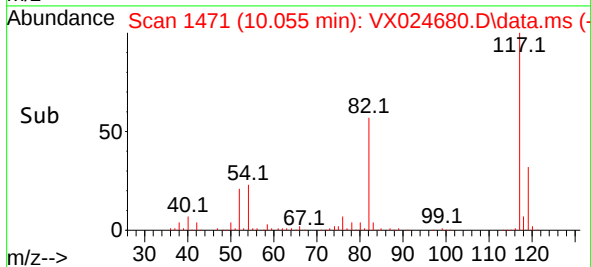
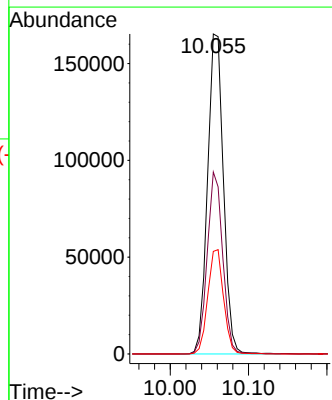
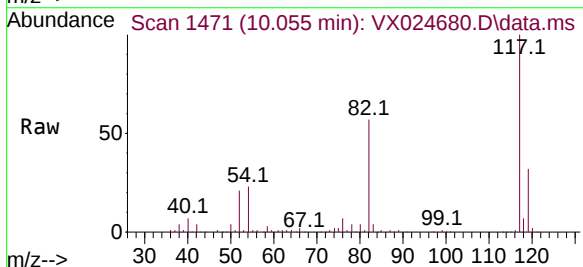
Instrument :
MSVOA_X
ClientSampled :

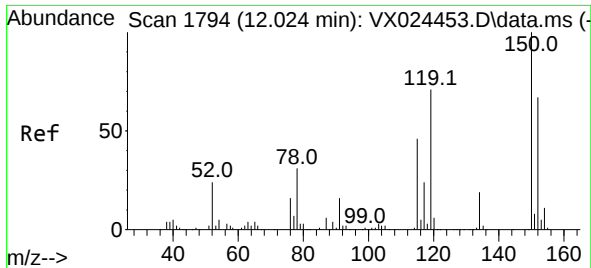
Tgt Ion: 95 Resp: 116055
Ion Ratio Lower Upper
95 100
174 81.6 0.0 154.6
176 78.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024680.D
Acq: 08 Oct 2021 19:07

Tgt Ion: 117 Resp: 231661
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 32.0 26.6 39.8

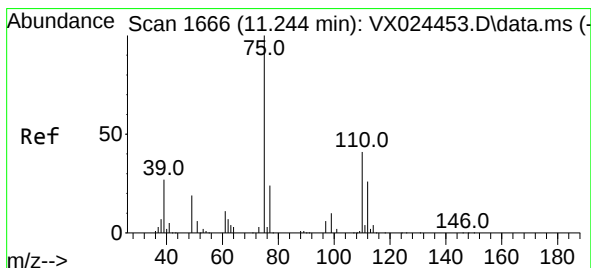
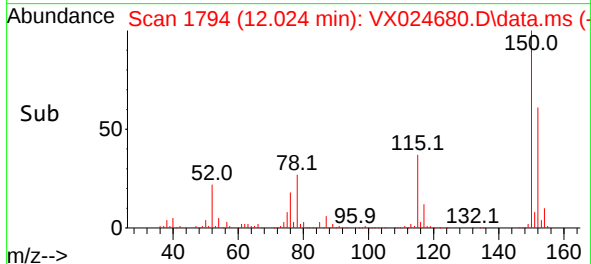
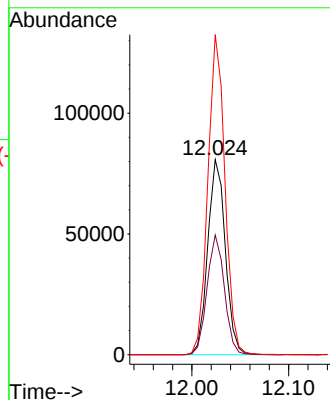
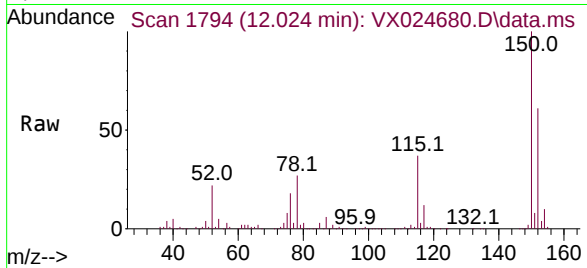




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024680.D
 Acq: 08 Oct 2021 19:07

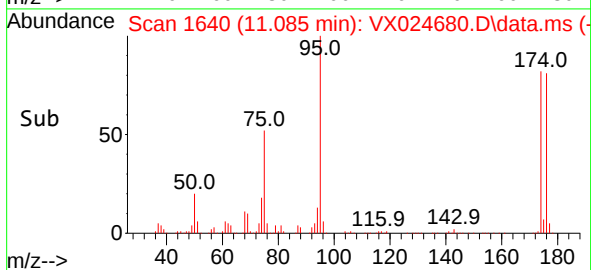
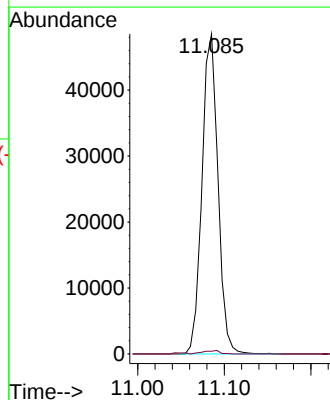
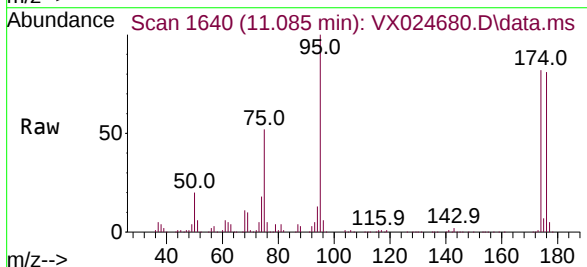
Instrument :
 MSVOA_X
 ClientSampled :

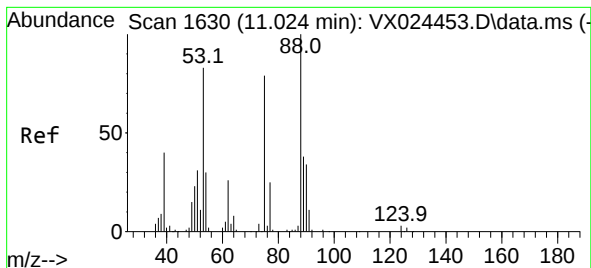
Tgt Ion:152 Resp: 102300
 Ion Ratio Lower Upper
 152 100
 115 60.5 41.1 123.3
 150 158.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.747 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024680.D
 Acq: 08 Oct 2021 19:07

Tgt Ion: 75 Resp: 62137
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

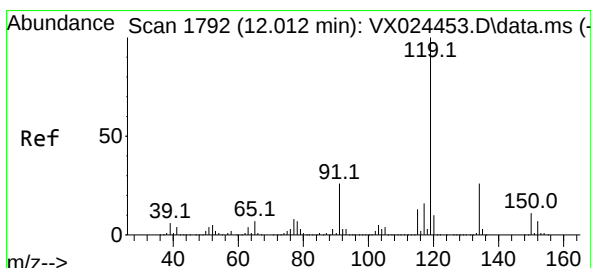
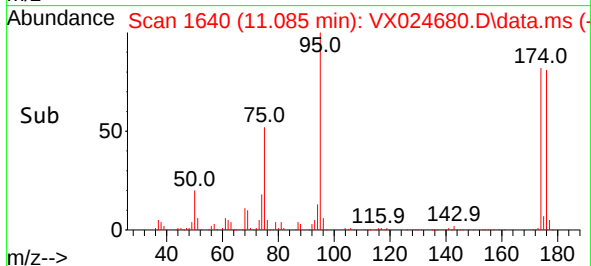
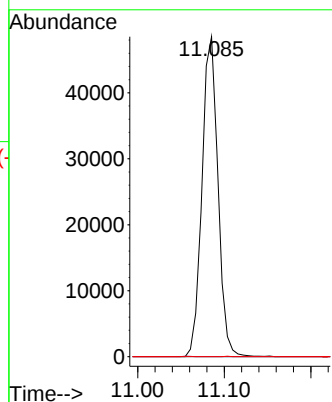
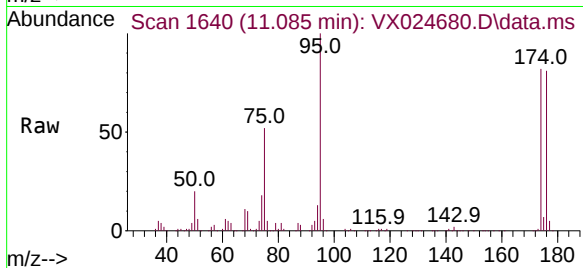




#81
trans-1,4-Dichloro-2-butene
Concen: 72.802 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024680.D
Acq: 08 Oct 2021 19:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 62137
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#86
p-Isopropyltoluene
Concen: 0.905 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX024680.D
Acq: 08 Oct 2021 19:07

Tgt Ion: 119 Resp: 5881
Ion Ratio Lower Upper
119 100
134 29.5 12.9 38.7
91 33.1 11.7 35.0

