

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022294.D
 Acq On : 01 Jun 2021 16:36
 Operator : JC/MD
 Sample : M2529-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 41822

Quant Time: Jun 02 03:21:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

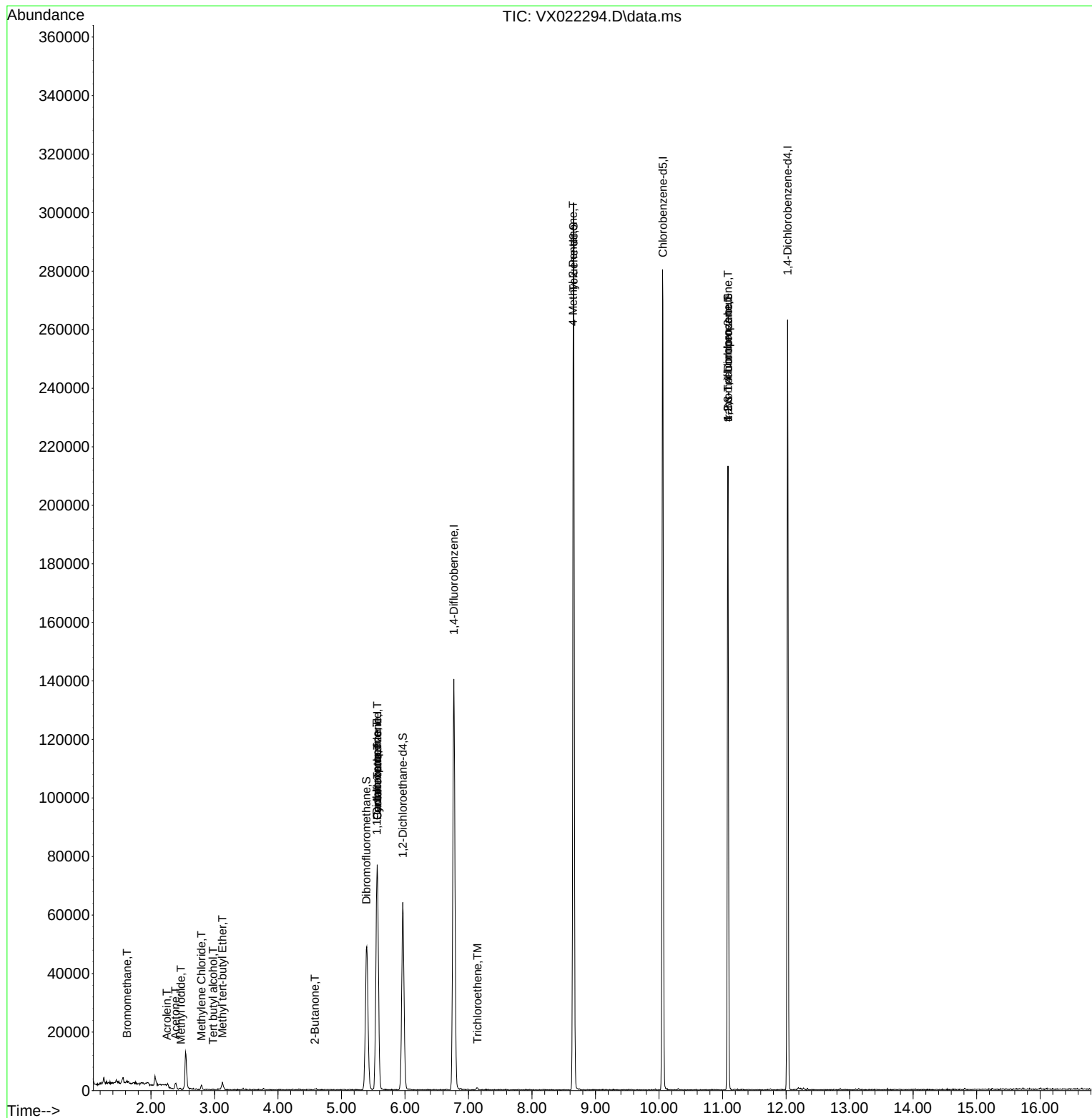
Internal Standards						
1) Pentafluorobenzene	5.562	168	67306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	139819	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	122760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48100	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55384	53.34	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.68%			
35) Dibromofluoromethane	5.391	113	42919	48.40	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.80%			
50) Toluene-d8	8.653	98	170815	50.01	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.02%			
62) 4-Bromofluorobenzene	11.085	95	58875	46.64	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.28%			
Target Compounds					Qvalue	
5) Bromomethane	1.624	94	277	0.51	ug/l #	77
10) Methyl Iodide	2.471	142	262	0.31	ug/l #	52
11) Tert butyl alcohol	2.977	59	59	0.25	ug/l #	73
13) Acrolein	2.252	56	112	0.71	ug/l #	47
16) Acetone	2.386	43	2462	5.45	ug/l #	68
19) Methyl tert-butyl Ether	3.123	73	2278	0.86	ug/l #	88
20) Methylene Chloride	2.794	84	747	0.74	ug/l #	80
25) 2-Butanone	4.580	43	284	0.39	ug/l #	45
31) Cyclohexane	5.562	56	1842	1.41	ug/l #	18
36) 1,1-Dichloropropene	5.556	75	6457	4.99	ug/l #	46
38) Carbon Tetrachloride	5.562	117	7467	5.90	ug/l #	18
44) Trichloroethene	7.141	130	403	0.41	ug/l	55
51) 4-Methyl-2-Pentanone	8.647	43	913	0.59	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	31150	26.25	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	31150	62.20	ug/l #	12

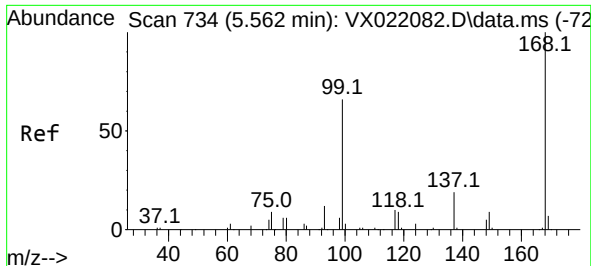
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
Data File : VX022294.D
Acq On : 01 Jun 2021 16:36
Operator : JC/MD
Sample : M2529-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
41822

Quant Time: Jun 02 03:21:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

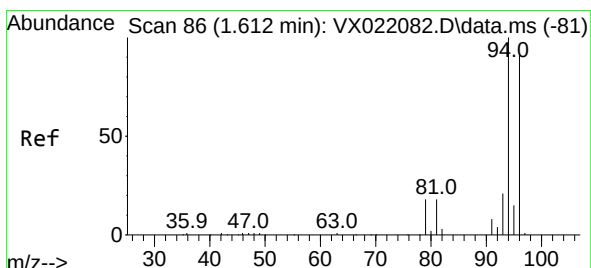
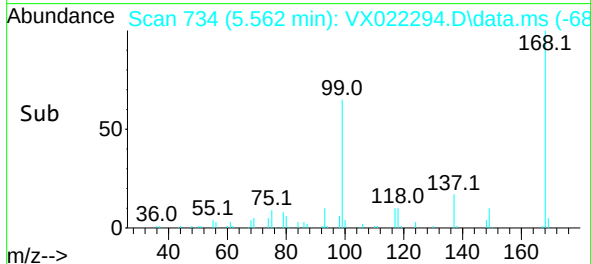
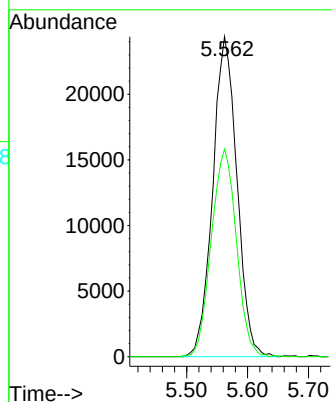
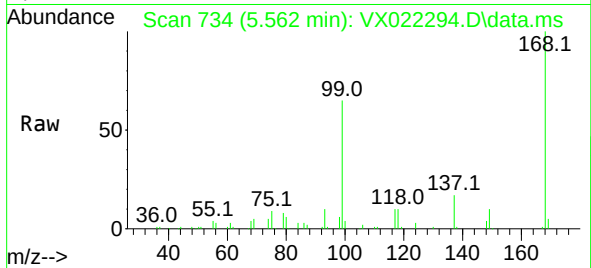




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022294.D
Acq: 01 Jun 2021 16:36

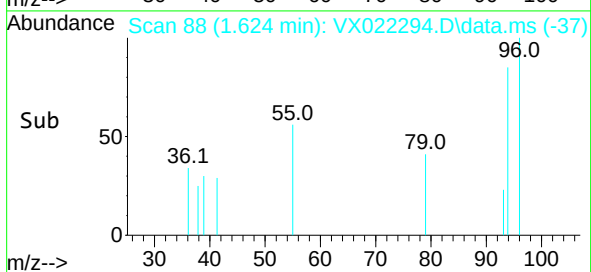
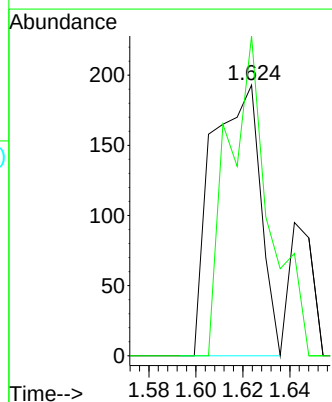
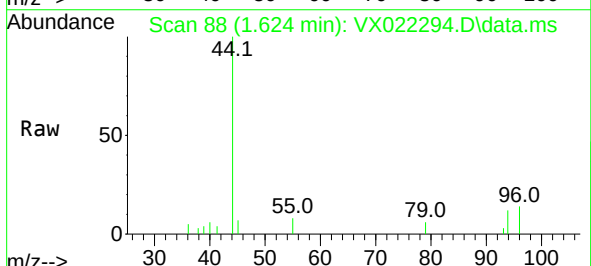
Instrument :
MSVOA_X
ClientSampleId :
41822

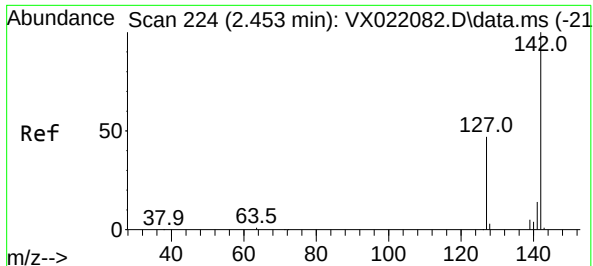
Tgt Ion:168 Resp: 67306
Ion Ratio Lower Upper
168 100
99 64.9 45.8 68.6



#5
Bromomethane
Concen: 0.51 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX022294.D
Acq: 01 Jun 2021 16:36

Tgt Ion: 94 Resp: 277
Ion Ratio Lower Upper
94 100
96 118.1 76.4 114.6#

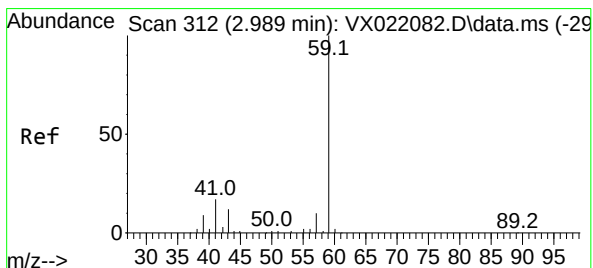
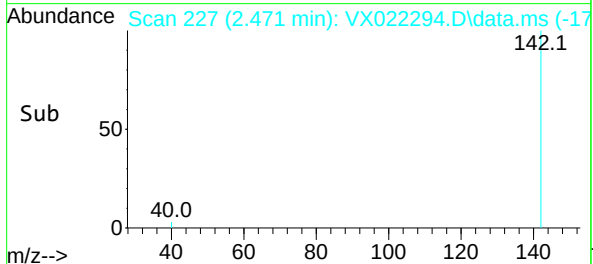
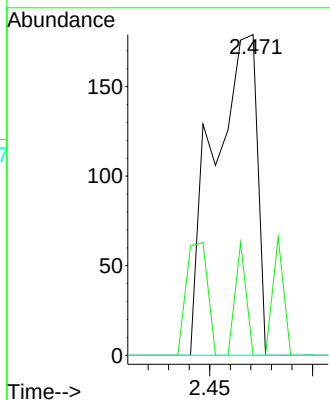
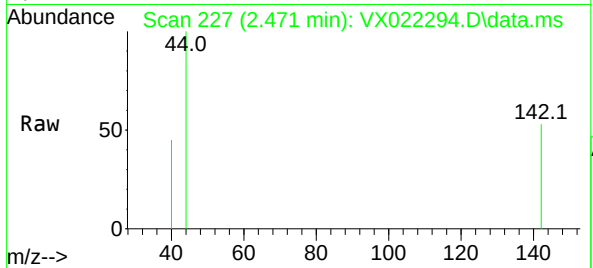




#10
Methyl Iodide
Concen: 0.31 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX022294.D
Acq: 01 Jun 2021 16:36

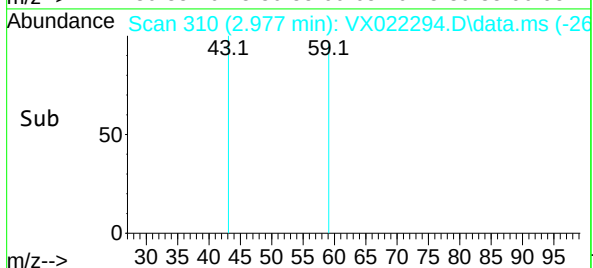
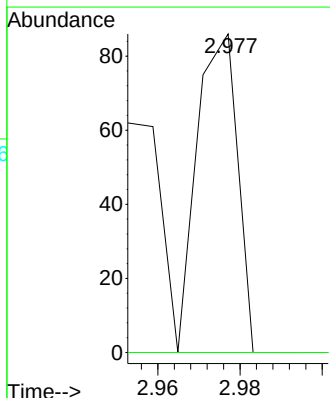
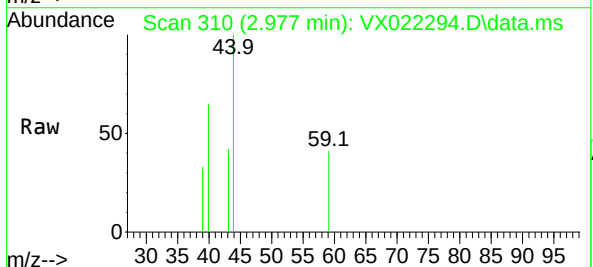
Instrument :
MSVOA_X
ClientSampleId :
41822

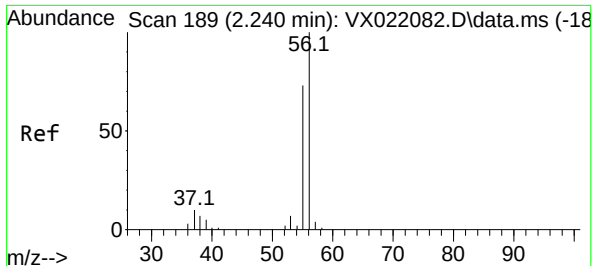
Tgt Ion:142 Resp: 262
Ion Ratio Lower Upper
142 100
127 8.8 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.25 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.012 min
Lab File: VX022294.D
Acq: 01 Jun 2021 16:36

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

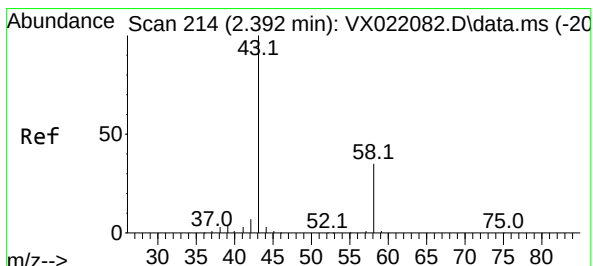
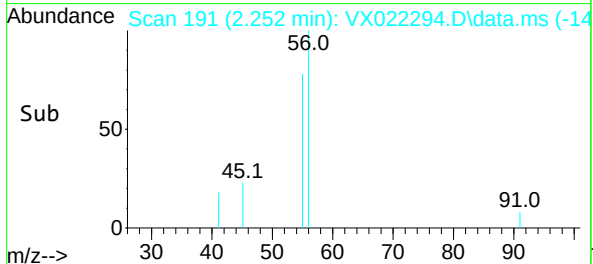
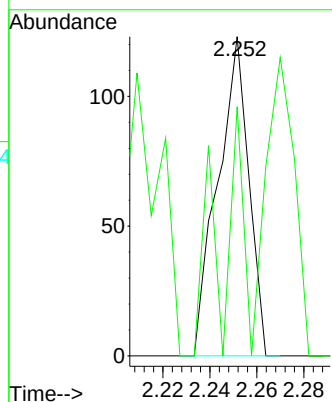
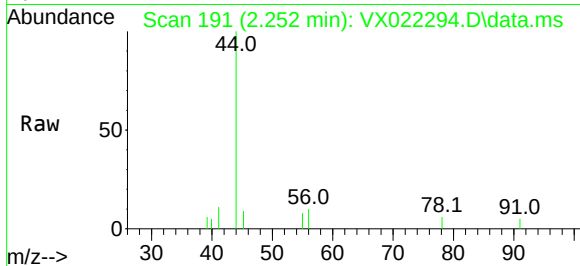




#13
Acrolein
Concen: 0.71 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.012 min
Lab File: VX022294.D
Acq: 01 Jun 2021 16:36

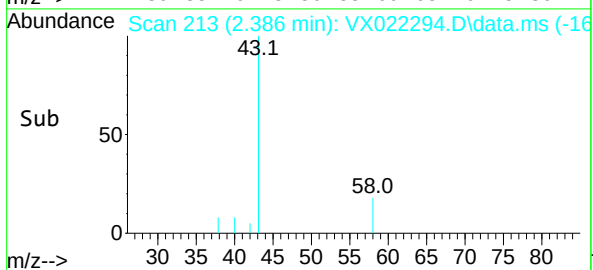
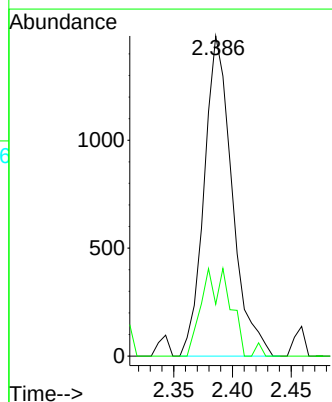
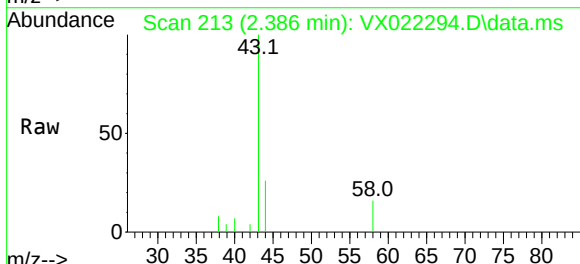
Instrument :
MSVOA_X
ClientSampled :
41822

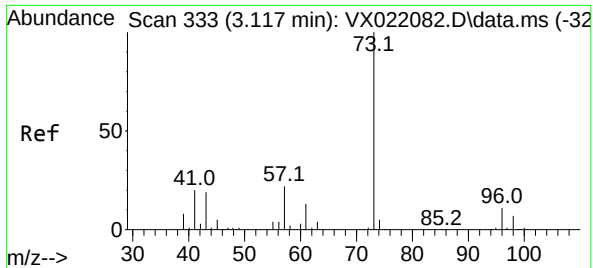
Tgt Ion: 56 Resp: 112
Ion Ratio Lower Upper
56 100
55 26.8 56.4 84.6#



#16
Acetone
Concen: 5.45 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022294.D
Acq: 01 Jun 2021 16:36

Tgt Ion: 43 Resp: 2462
Ion Ratio Lower Upper
43 100
58 16.2 27.8 41.8#

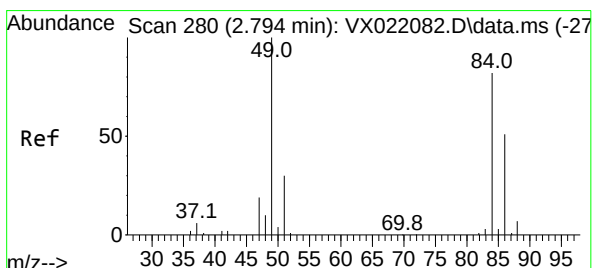
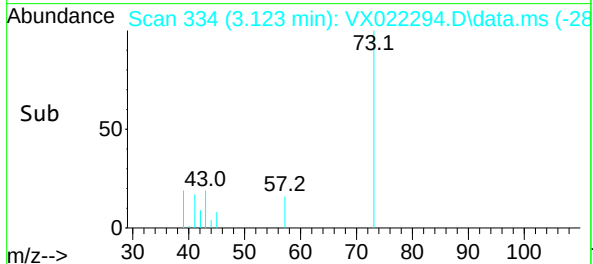
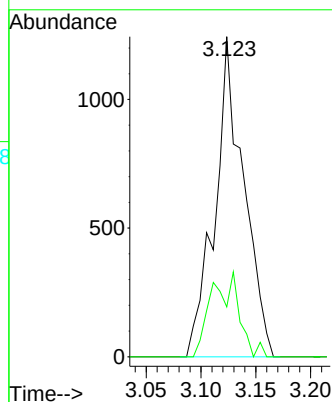
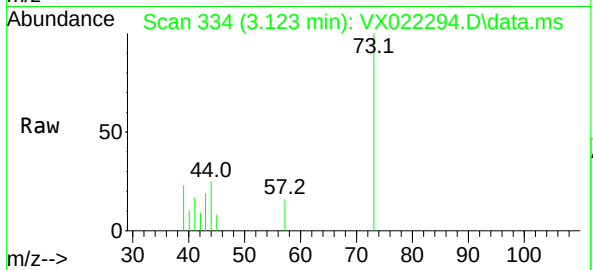




#19
Methyl tert-butyl Ether
Concen: 0.86 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX022294.D
Acq: 01 Jun 2021 16:36

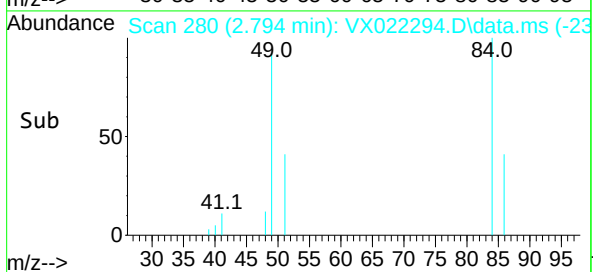
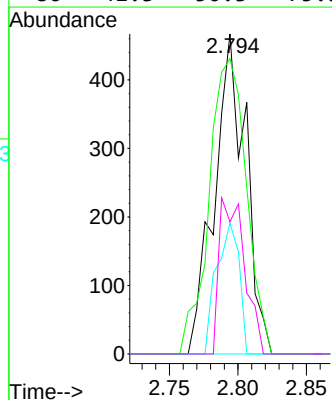
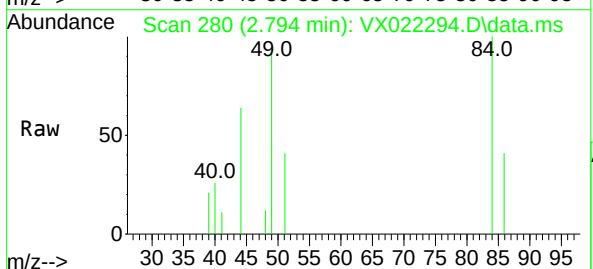
Instrument :
MSVOA_X
ClientSampled :
41822

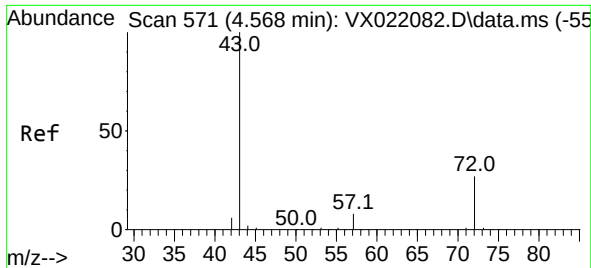
Tgt Ion: 73 Resp: 2278
Ion Ratio Lower Upper
73 100
57 15.6 17.1 25.7#



#20
Methylene Chloride
Concen: 0.74 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022294.D
Acq: 01 Jun 2021 16:36

Tgt Ion: 84 Resp: 747
Ion Ratio Lower Upper
84 100
49 92.3 88.6 132.8
51 40.9 27.0 40.6#
86 41.3 50.3 75.5#

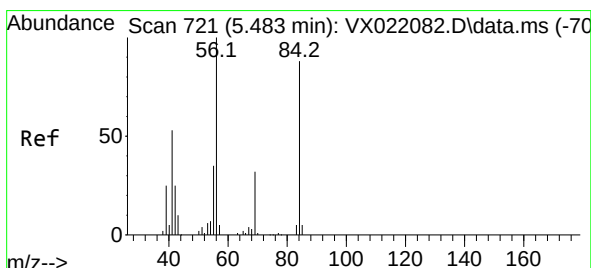
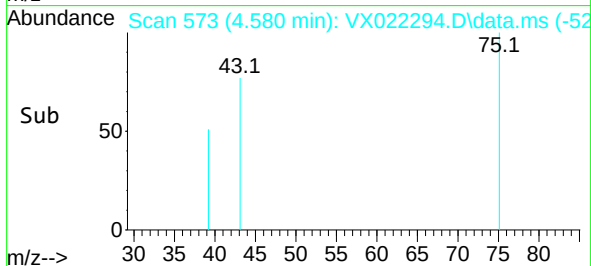
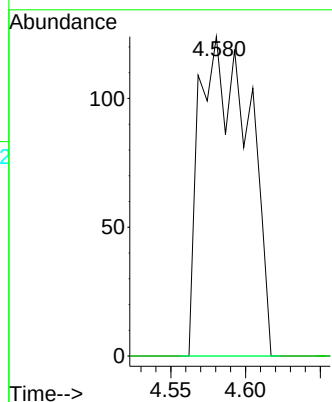
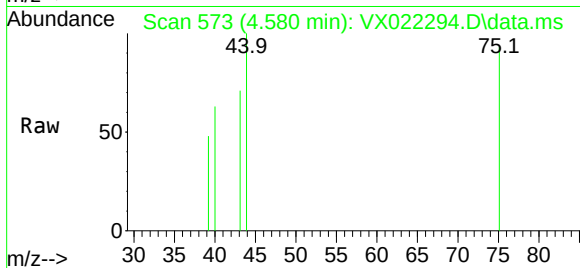




#25
2-Butanone
Concen: 0.39 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022294.D
Acq: 01 Jun 2021 16:36

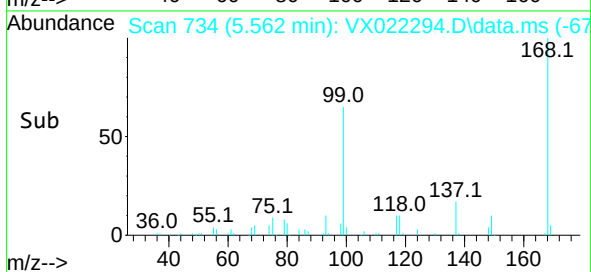
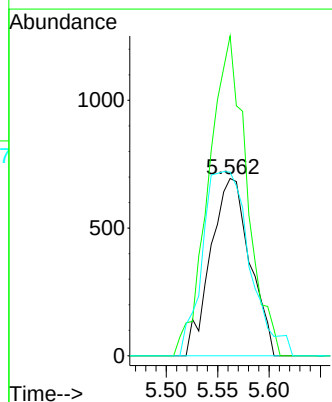
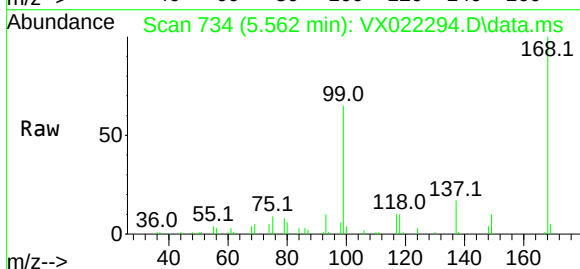
Instrument :
MSVOA_X
ClientSampled :
41822

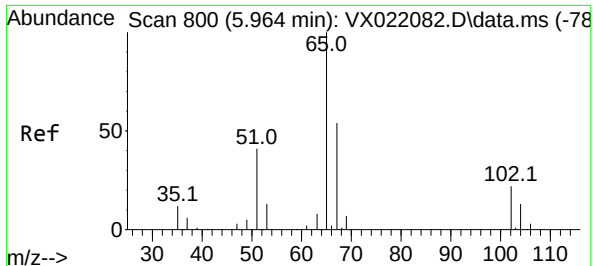
Tgt Ion: 43 Resp: 284
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.41 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022294.D
Acq: 01 Jun 2021 16:36

Tgt Ion: 56 Resp: 1842
Ion Ratio Lower Upper
56 100
69 180.4 25.3 37.9#
84 103.6 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 53.34 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022294.D

Acq: 01 Jun 2021 16:36

Tgt Ion: 65 Resp: 55384

Ion Ratio Lower Upper

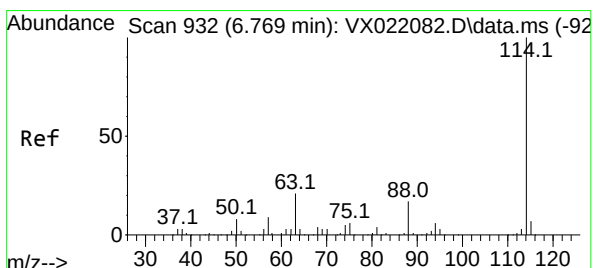
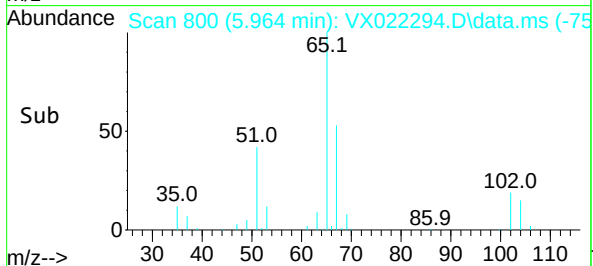
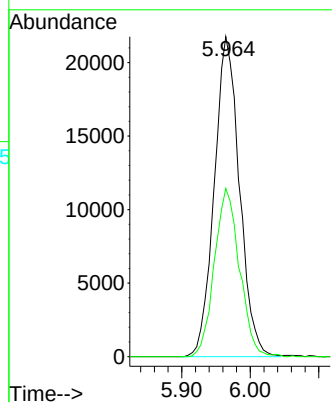
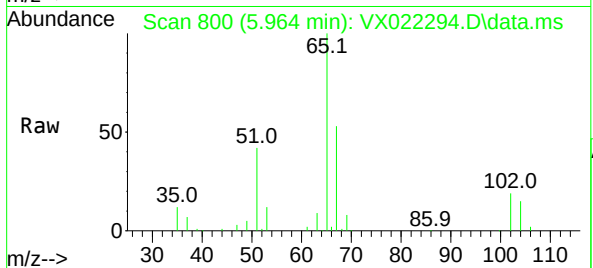
65 100
67 52.5 0.0 105.4

Instrument :

MSVOA_X

ClientSampled :

41822



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

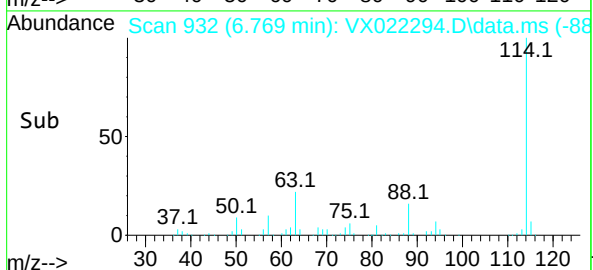
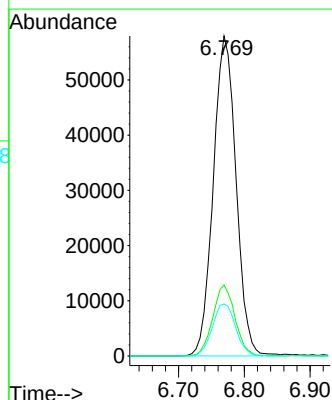
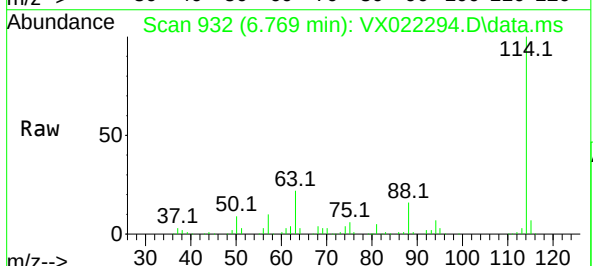
Lab File: VX022294.D

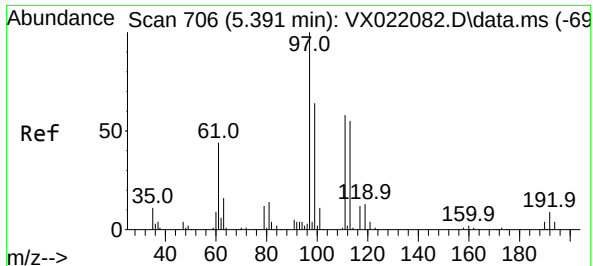
Acq: 01 Jun 2021 16:36

Tgt Ion: 114 Resp: 139819

Ion Ratio Lower Upper

114 100
63 22.2 0.0 40.8
88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.40 ug/l

RT: 5.391 min Scan# 706

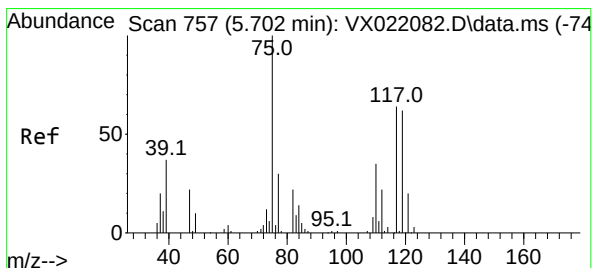
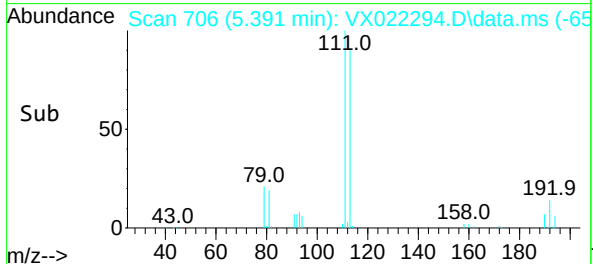
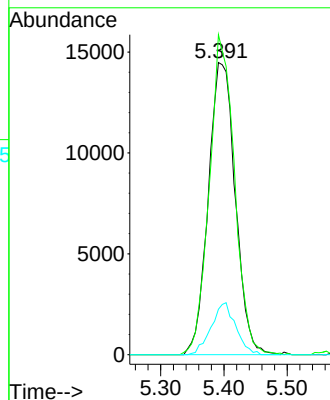
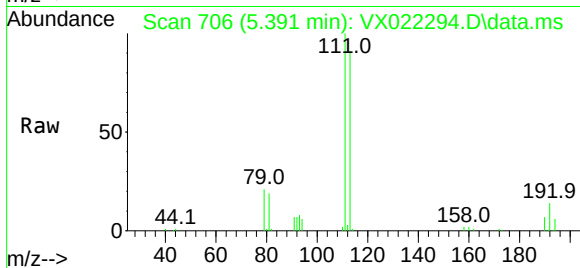
Delta R.T. 0.000 min

Lab File: VX022294.D

Acq: 01 Jun 2021 16:36

Tgt Ion:	113	Resp:	42919
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.9	122.9
192	16.2	16.7	25.1#

Instrument :
MSVOA_X
ClientSampleId :
41822



#36

1,1-Dichloropropene

Concen: 4.99 ug/l

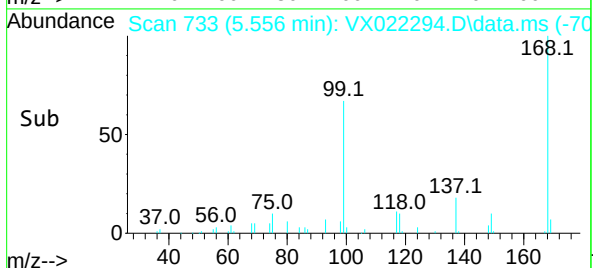
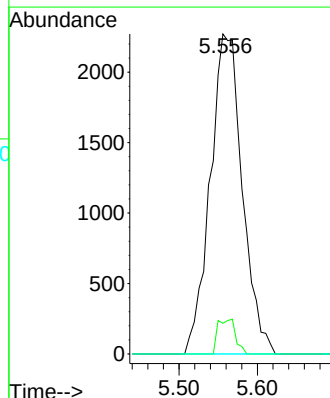
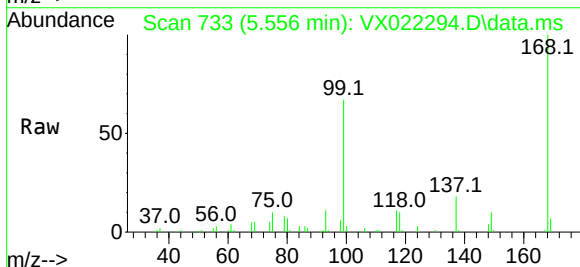
RT: 5.556 min Scan# 733

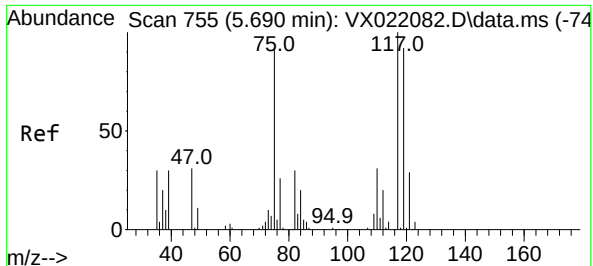
Delta R.T. -0.146 min

Lab File: VX022294.D

Acq: 01 Jun 2021 16:36

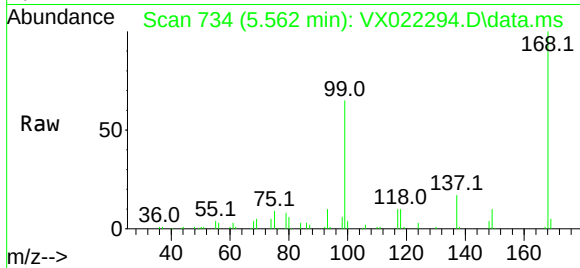
Tgt Ion:	75	Resp:	6457
Ion	Ratio	Lower	Upper
75	100		
110	6.0	18.1	54.4#
77	0.0	25.3	37.9#



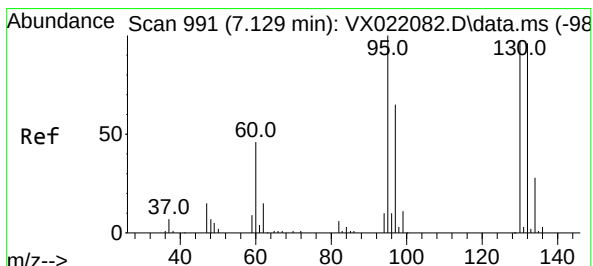
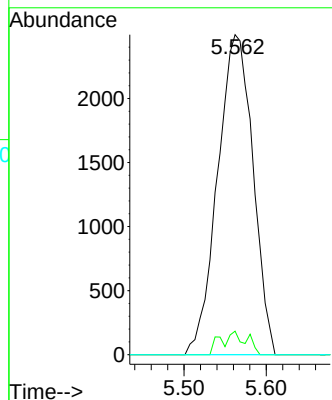
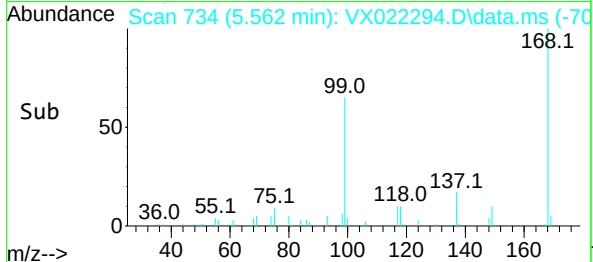


#38
Carbon Tetrachloride
Concen: 5.90 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022294.D
Acq: 01 Jun 2021 16:36

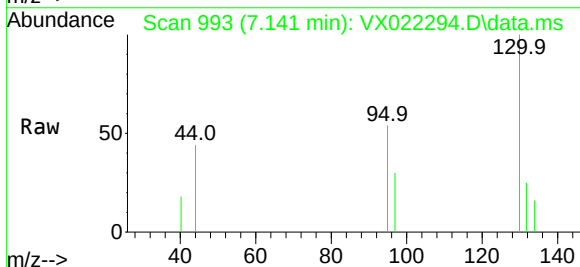
Instrument :
MSVOA_X
ClientSampleId :
41822



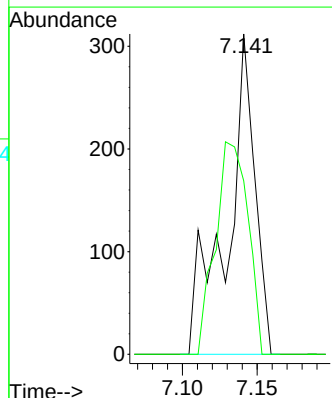
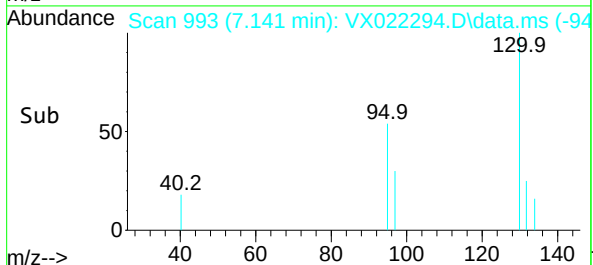
Tgt Ion:117 Resp: 7467
Ion Ratio Lower Upper
117 100
119 7.4 76.2 114.2#
121 0.0 24.8 37.2#

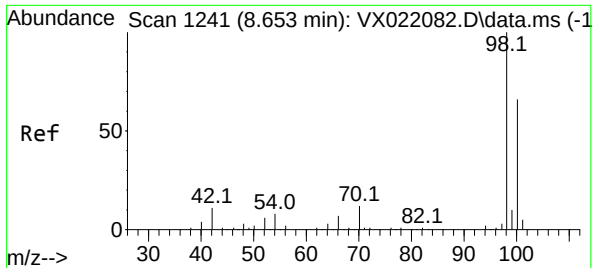


#44
Trichloroethene
Concen: 0.41 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX022294.D
Acq: 01 Jun 2021 16:36



Tgt Ion:130 Resp: 403
Ion Ratio Lower Upper
130 100
95 54.2 0.0 198.0

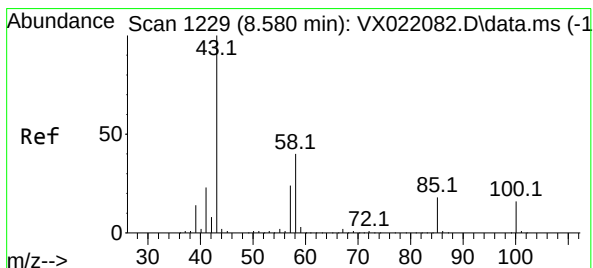
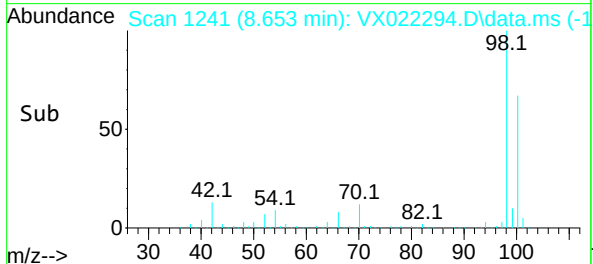
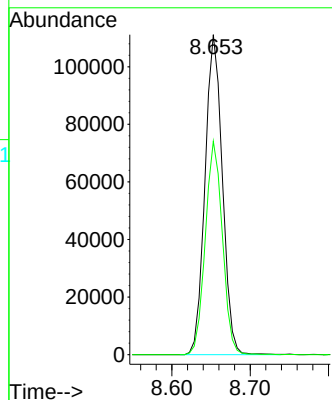
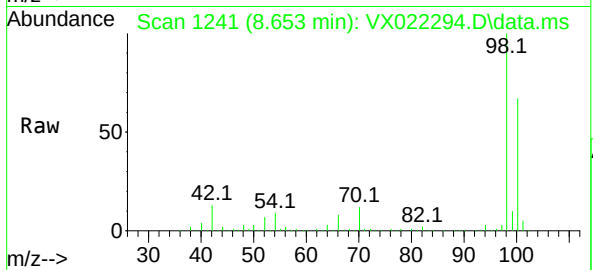




#50
Toluene-d8
Concen: 50.01 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022294.D
Acq: 01 Jun 2021 16:36

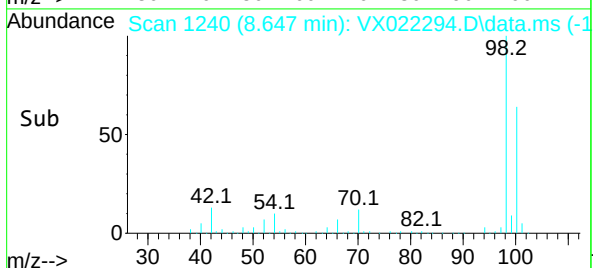
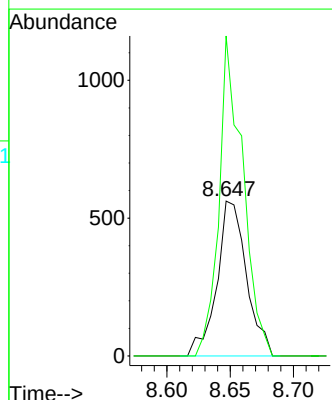
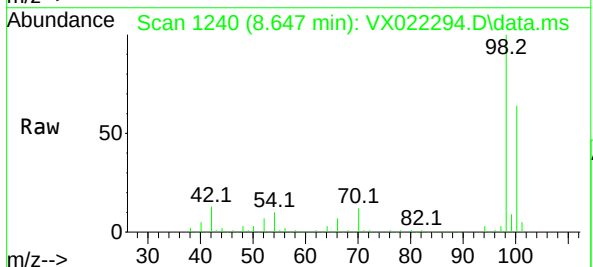
Instrument :
MSVOA_X
ClientSampleId :
41822

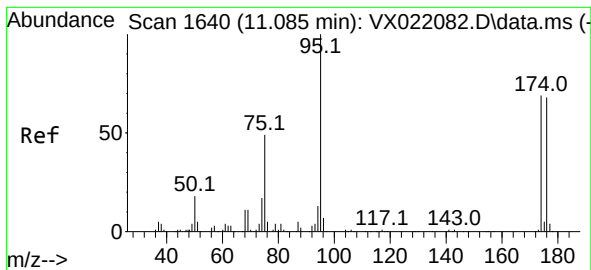
Tgt Ion: 98 Resp: 170815
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.59 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022294.D
Acq: 01 Jun 2021 16:36

Tgt Ion: 43 Resp: 913
Ion Ratio Lower Upper
43 100
58 166.2 35.4 53.0#

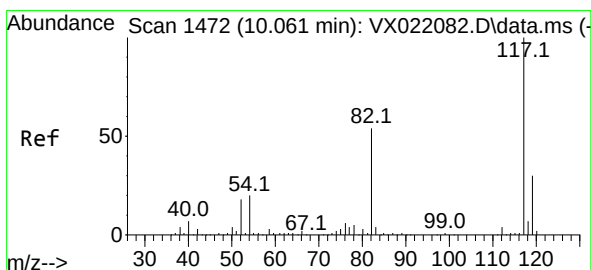
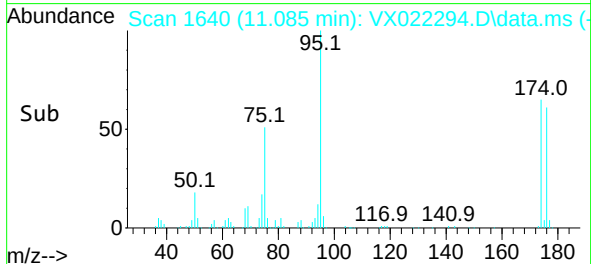
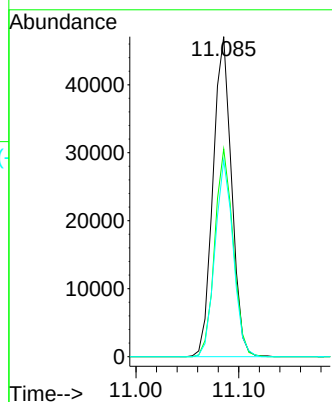
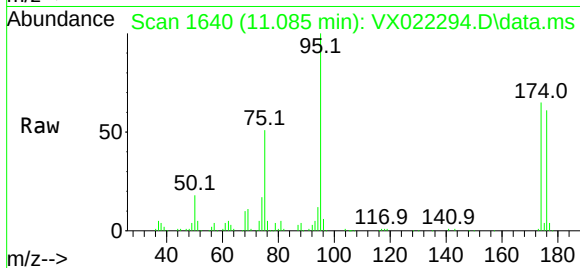




#62
4-Bromofluorobenzene
Concen: 46.64 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022294.D
Acq: 01 Jun 2021 16:36

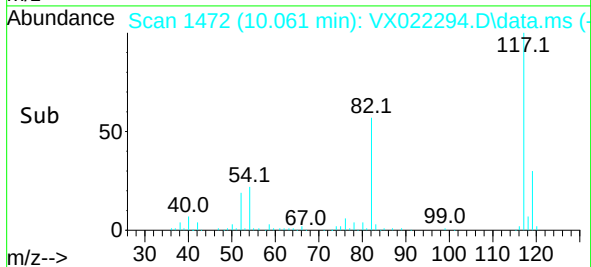
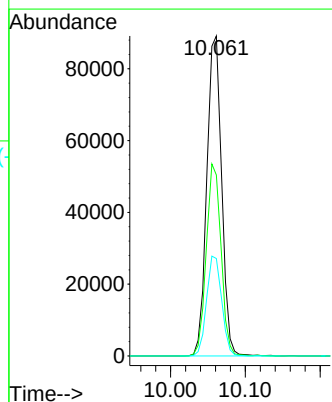
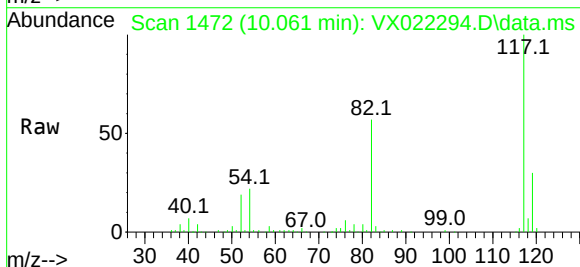
Instrument :
MSVOA_X
ClientSampled :
41822

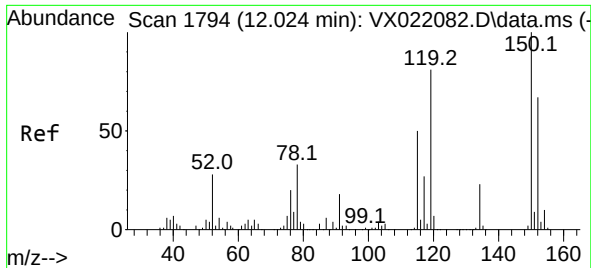
Tgt Ion: 95 Resp: 58875
Ion Ratio Lower Upper
95 100
174 64.2 0.0 154.6
176 60.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022294.D
Acq: 01 Jun 2021 16:36

Tgt Ion: 117 Resp: 122760
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.2
119 30.5 26.6 39.8

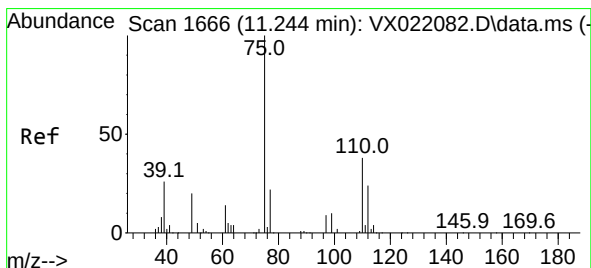
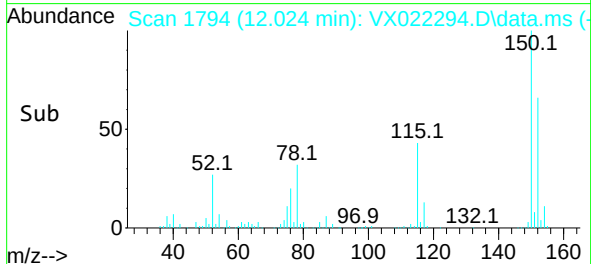
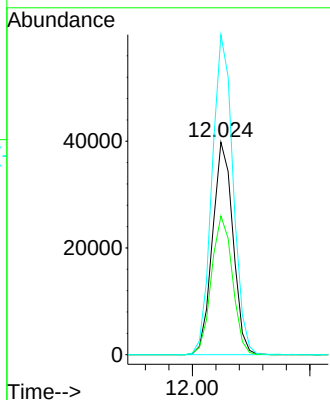
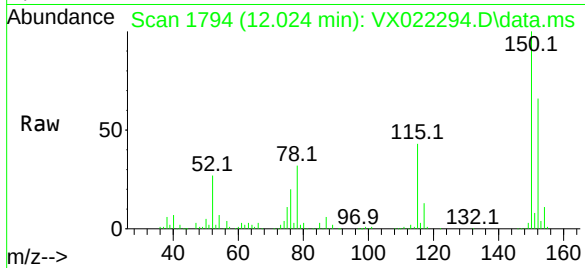




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022294.D
 Acq: 01 Jun 2021 16:36

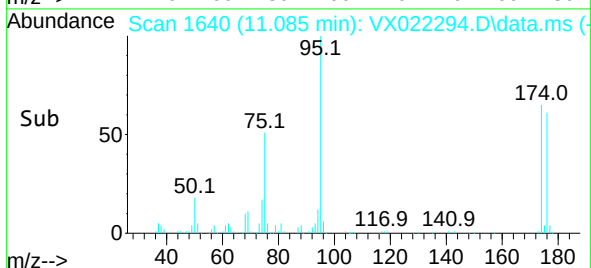
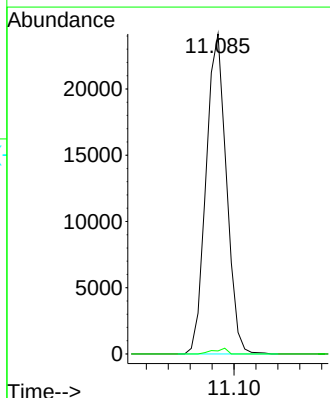
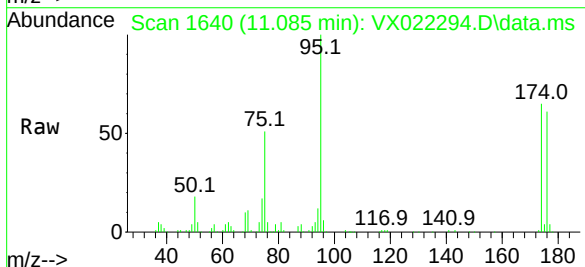
Instrument :
 MSVOA_X
 ClientSampled :
 41822

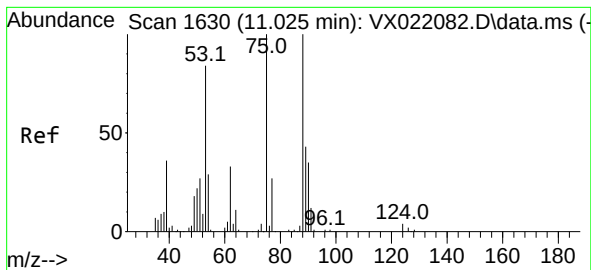
Tgt Ion:152 Resp: 48100
 Ion Ratio Lower Upper
 152 100
 115 66.9 41.1 123.3
 150 154.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.25 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022294.D
 Acq: 01 Jun 2021 16:36

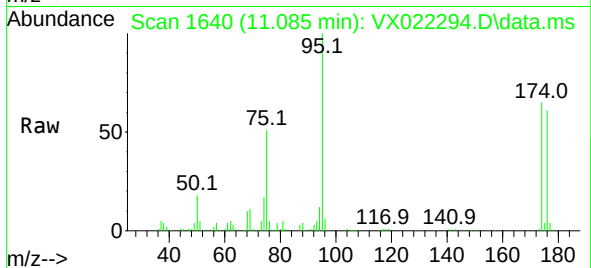
Tgt Ion: 75 Resp: 31150
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.20 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022294.D
 Acq: 01 Jun 2021 16:36

Instrument :
 MSVOA_X
 ClientSampleId :
 41822



Tgt Ion: 75 Resp: 31150
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.1 37.9 56.9#

