

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042221\
 Data File : VX021827.D
 Acq On : 22 Apr 2021 19:13
 Operator : JC/MD
 Sample : M2138-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 23 07:45:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

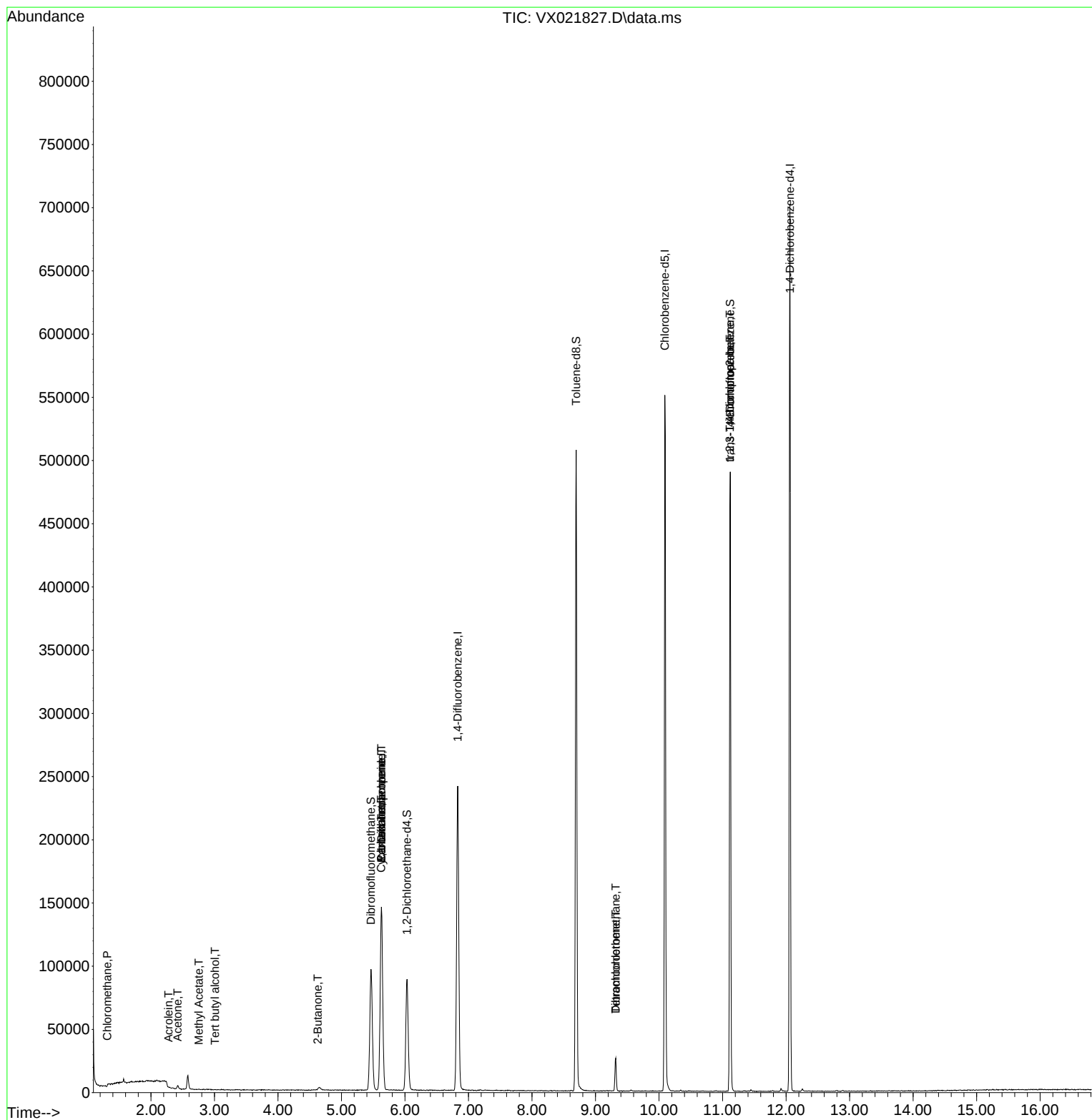
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.629	168	144712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	260133	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	279951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	153648	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	82824	50.45	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.90%
35) Dibromofluoromethane	5.464	113	84345	50.70	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.40%
50) Toluene-d8	8.695	98	320466	50.10	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.20%
62) 4-Bromofluorobenzene	11.122	95	141311	59.16	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.32%
Target Compounds						
3) Chloromethane	1.313	50	603	0.63	ug/l	94
11) Tert butyl alcohol	3.007	59	133	0.37	ug/l #	1
13) Acrolein	2.276	56	112	0.39	ug/l #	14
16) Acetone	2.416	43	2636	4.67	ug/l	94
18) Methyl Acetate	2.751	43	334	0.22	ug/l #	47
25) 2-Butanone	4.623	43	367	0.38	ug/l #	45
31) Cyclohexane	5.623	56	2542	1.10	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	9623	4.19	ug/l #	49
38) Carbon Tetrachloride	5.629	117	13183	5.24	ug/l #	16
60) Dibromochloromethane	9.317	129	5091	2.30	ug/l #	11
64) Tetrachloroethene	9.317	164	5335	2.44	ug/l	95
76) 1,2,3-Trichloropropane	11.116	75	64055	21.02	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	64055	48.34	ug/l #	12

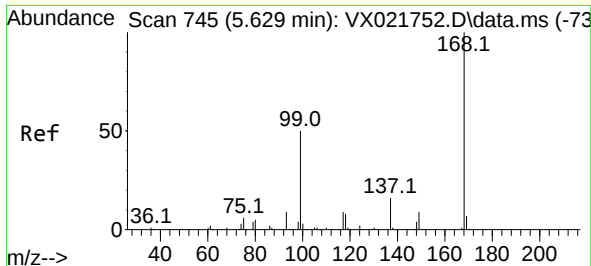
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 20 13:46:22 2021
Response via : Initial Calibration

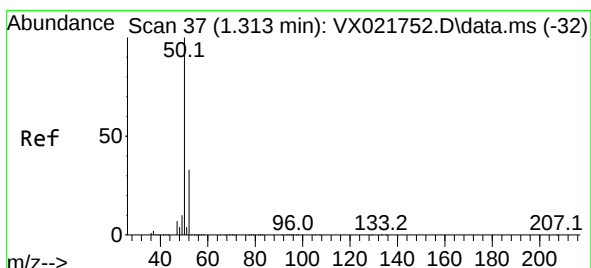
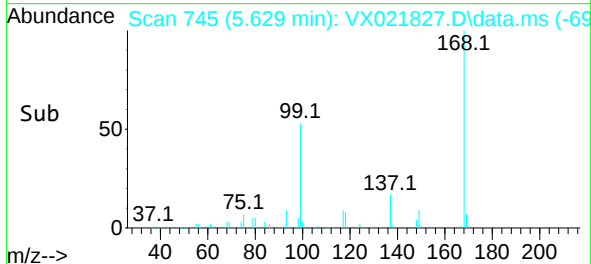
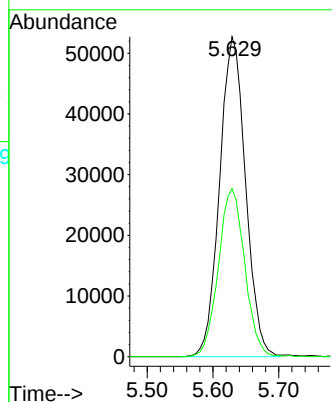
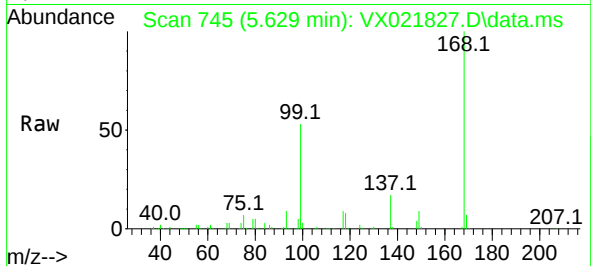




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021827.D
Acq: 22 Apr 2021 19:13

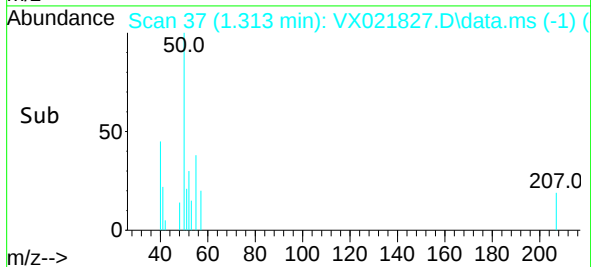
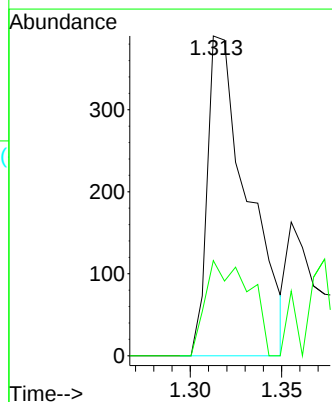
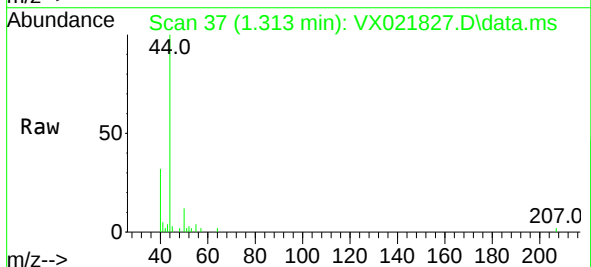
Instrument :
MSVOA_X
ClientSampled :

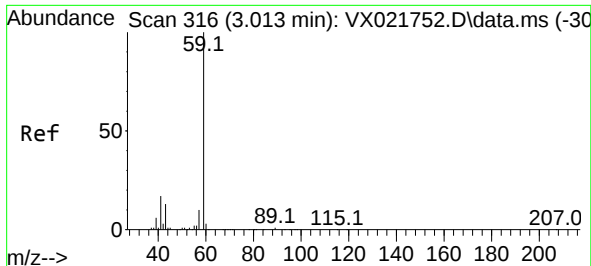
Tgt Ion:168 Resp: 144712
Ion Ratio Lower Upper
168 100
99 52.5 45.8 68.6



#3
Chloromethane
Concen: 0.63 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX021827.D
Acq: 22 Apr 2021 19:13

Tgt Ion: 50 Resp: 603
Ion Ratio Lower Upper
50 100
52 29.7 26.4 39.6





#11

Tert butyl alcohol

Concen: 0.37 ug/l

RT: 3.007 min Scan# 315

Delta R.T. -0.006 min

Lab File: VX021827.D

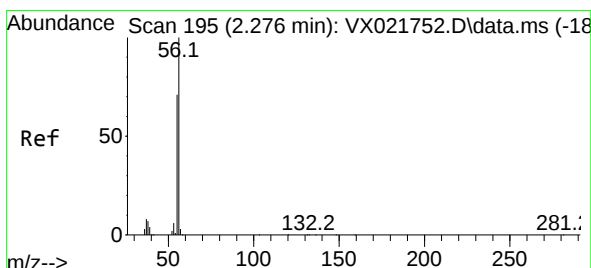
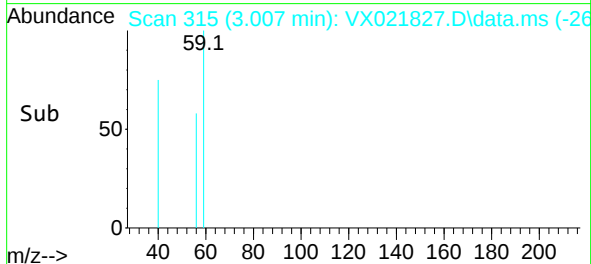
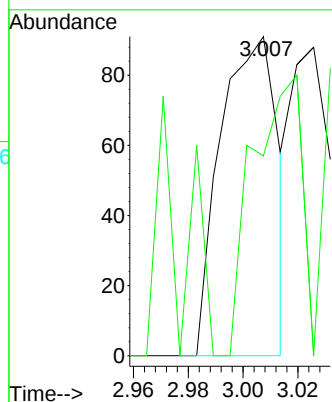
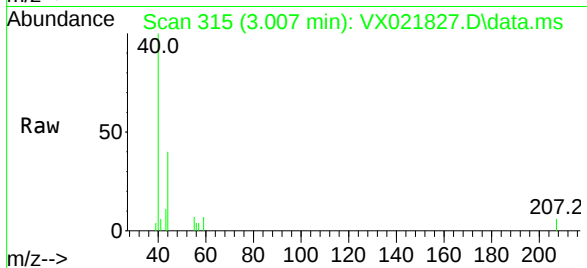
Acq: 22 Apr 2021 19:13

Tgt Ion: 59 Resp: 133

Ion Ratio Lower Upper

59 100

57 74.4 7.8 11.8#



#13

Acrolein

Concen: 0.39 ug/l

RT: 2.276 min Scan# 195

Delta R.T. -0.000 min

Lab File: VX021827.D

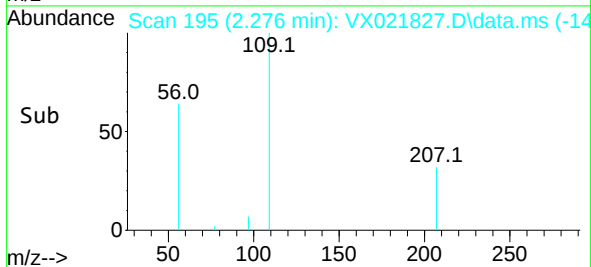
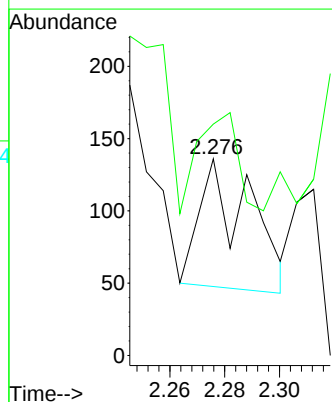
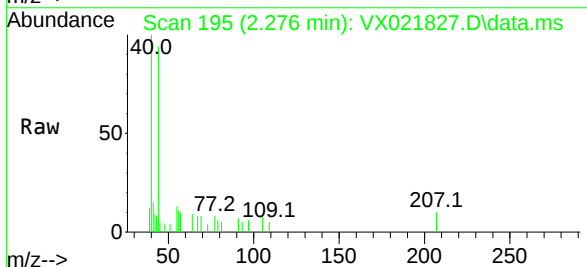
Acq: 22 Apr 2021 19:13

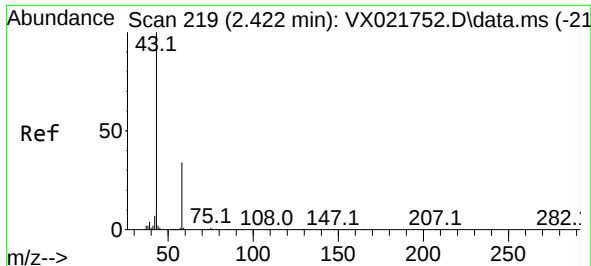
Tgt Ion: 56 Resp: 112

Ion Ratio Lower Upper

56 100

55 0.0 56.4 84.6#

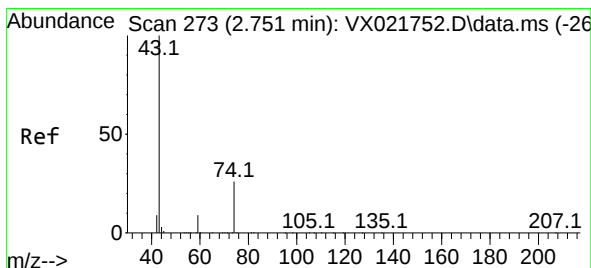
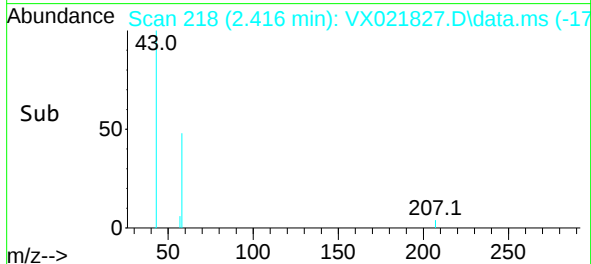
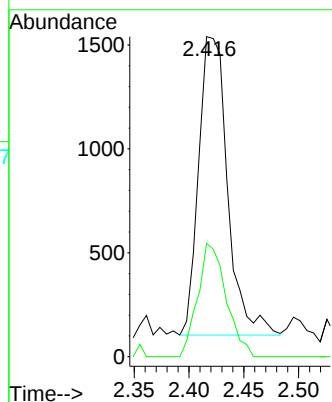
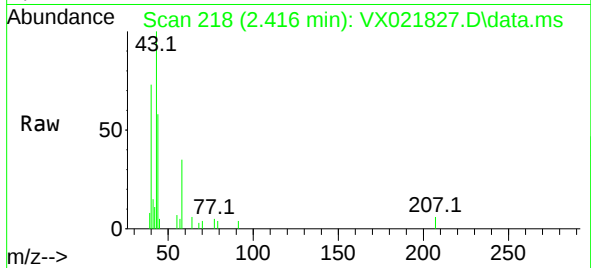




#16
Acetone
Concen: 4.67 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX021827.D
Acq: 22 Apr 2021 19:13

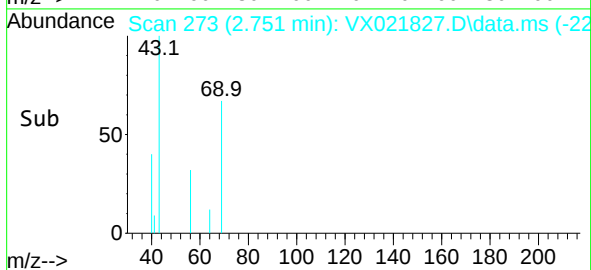
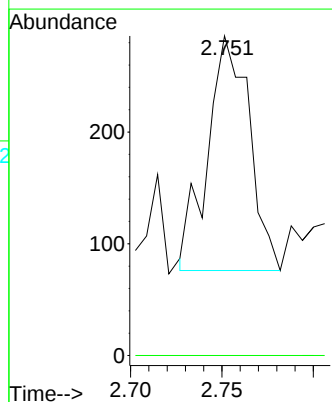
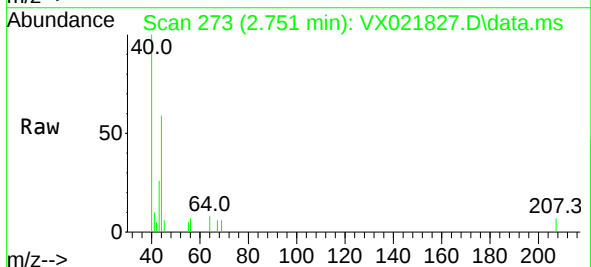
Instrument :
MSVOA_X
ClientSampled :

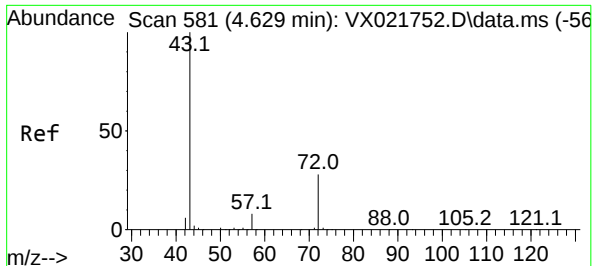
Tgt Ion: 43 Resp: 2636
Ion Ratio Lower Upper
43 100
58 38.0 27.8 41.8



#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.000 min
Lab File: VX021827.D
Acq: 22 Apr 2021 19:13

Tgt Ion: 43 Resp: 334
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#25

2-Butanone

Concen: 0.38 ug/l

RT: 4.623 min Scan# 580

Delta R.T. -0.006 min

Lab File: VX021827.D

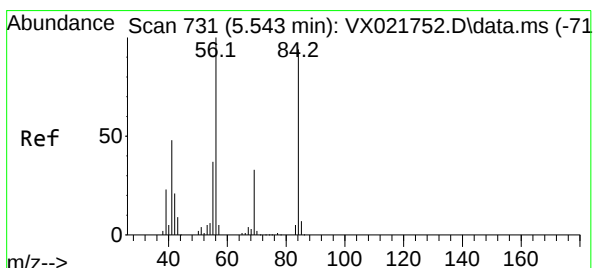
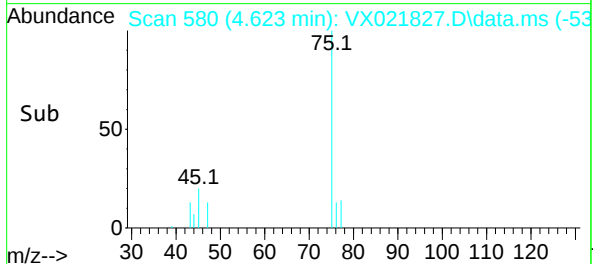
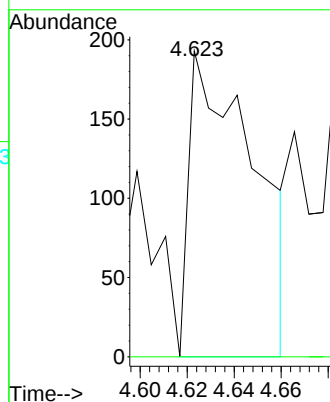
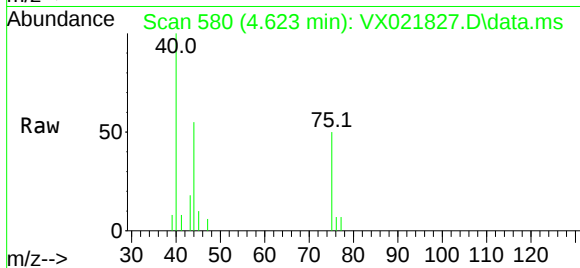
Acq: 22 Apr 2021 19:13

Tgt Ion: 43 Resp: 367

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#31

Cyclohexane

Concen: 1.10 ug/l

RT: 5.623 min Scan# 744

Delta R.T. 0.080 min

Lab File: VX021827.D

Acq: 22 Apr 2021 19:13

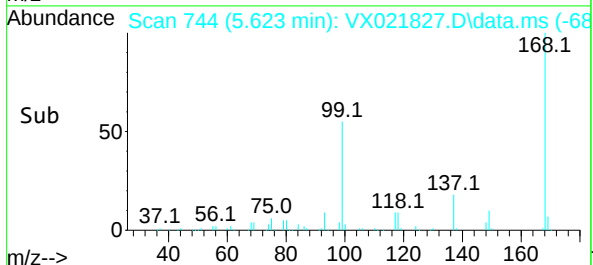
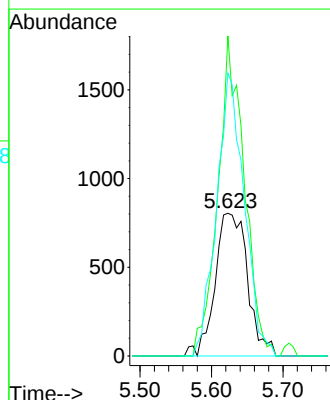
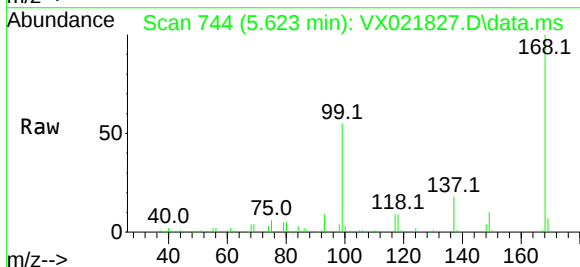
Tgt Ion: 56 Resp: 2542

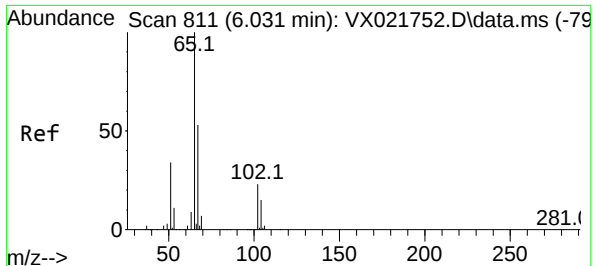
Ion Ratio Lower Upper

56 100

69 224.1 25.3 37.9#

84 198.3 71.4 107.0#

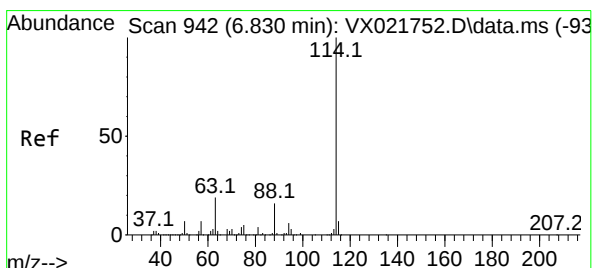
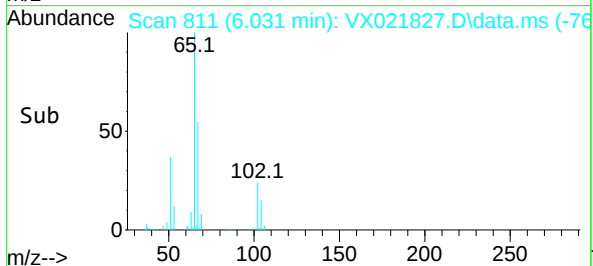
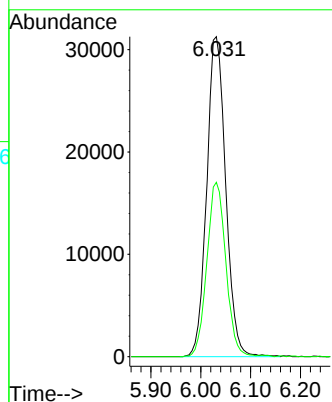
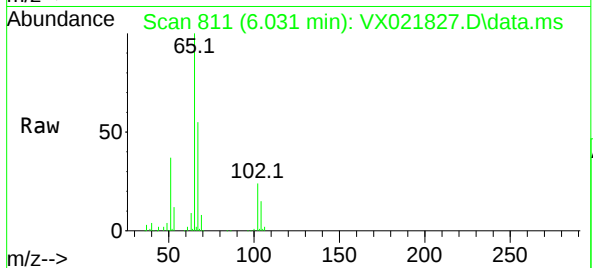




#33
1,2-Dichloroethane-d4
Concen: 50.45 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021827.D
Acq: 22 Apr 2021 19:13

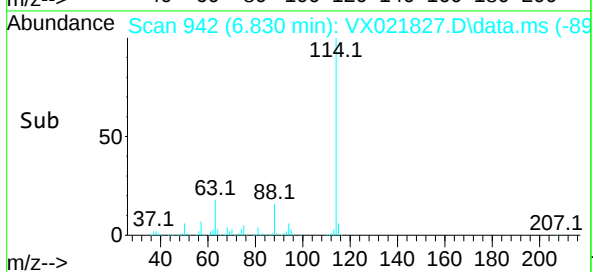
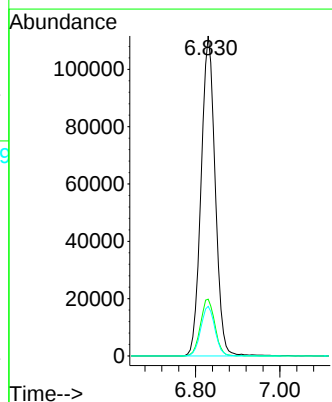
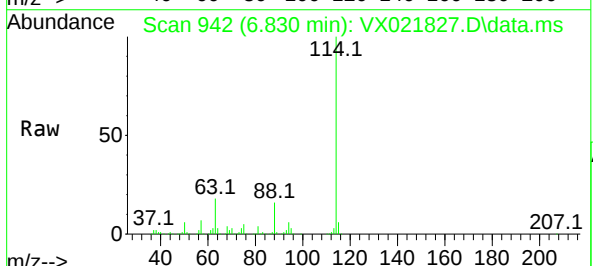
Instrument :
MSVOA_X
ClientSampleId :

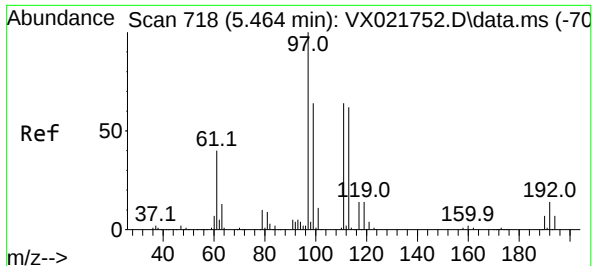
Tgt Ion: 65 Resp: 82824
Ion Ratio Lower Upper
65 100
67 54.4 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX021827.D
Acq: 22 Apr 2021 19:13

Tgt Ion: 114 Resp: 260133
Ion Ratio Lower Upper
114 100
63 17.7 0.0 40.8
88 15.5 0.0 32.8

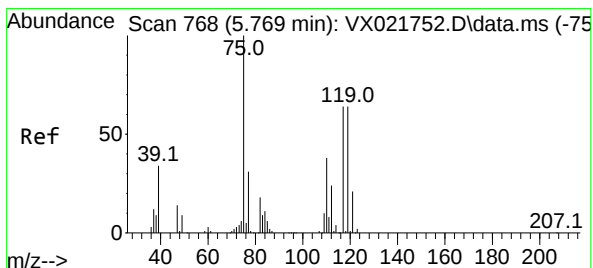
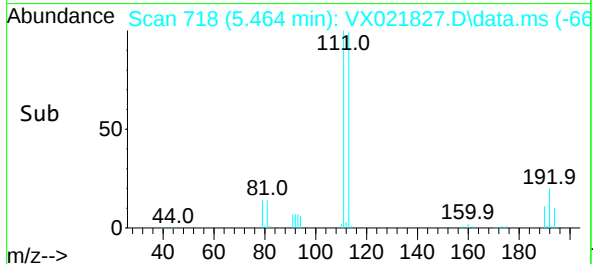
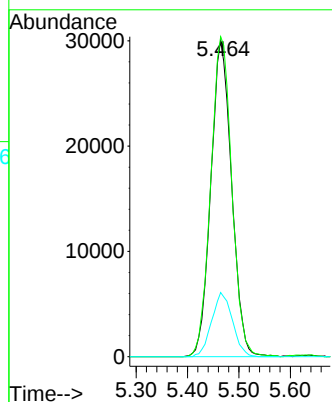
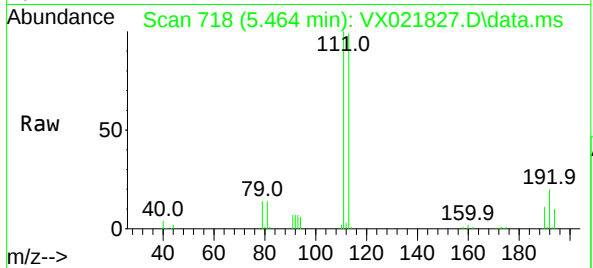




#35
Dibromofluoromethane
Concen: 50.70 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021827.D
Acq: 22 Apr 2021 19:13

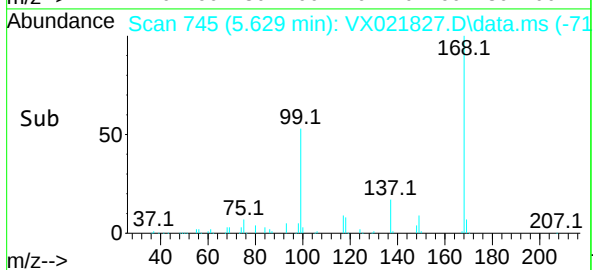
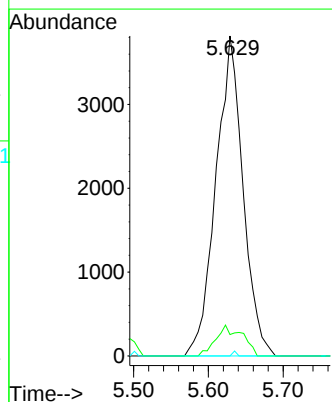
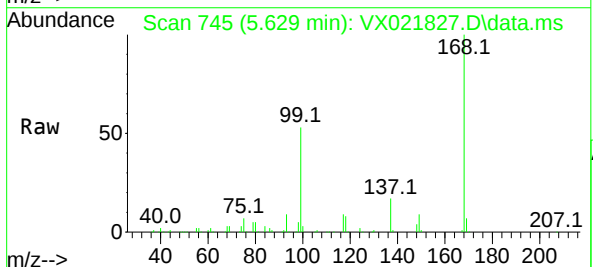
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MSVOA_X
ClientSampleId :

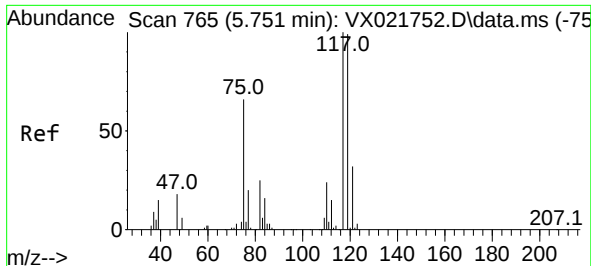
Tgt Ion:113 Resp: 84345
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 20.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.19 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021827.D
Acq: 22 Apr 2021 19:13

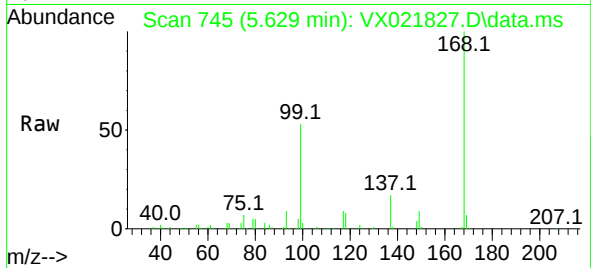
Tgt Ion: 75 Resp: 9623
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.2 25.3 37.9#



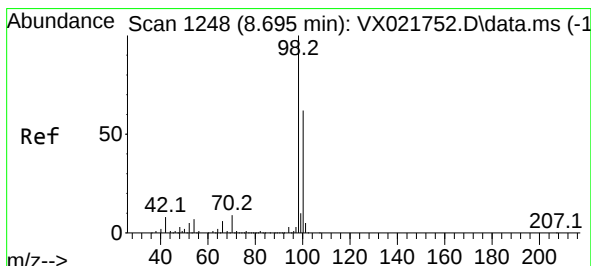
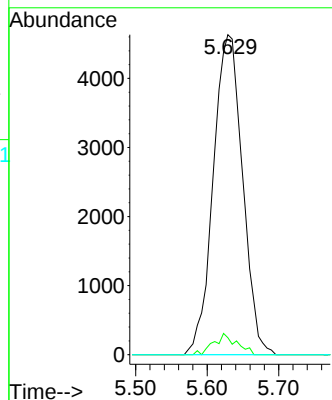
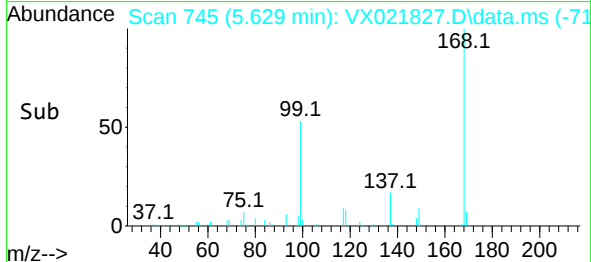


#38
Carbon Tetrachloride
Concen: 5.24 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021827.D
Acq: 22 Apr 2021 19:13

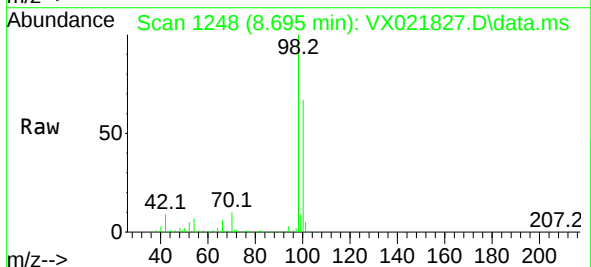
Instrument :
MSVOA_X
ClientSampleId :



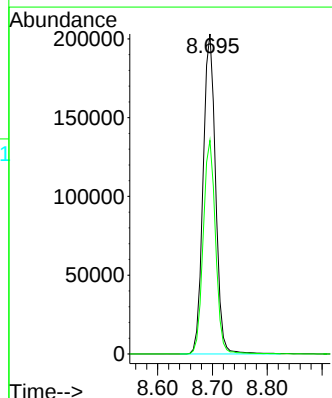
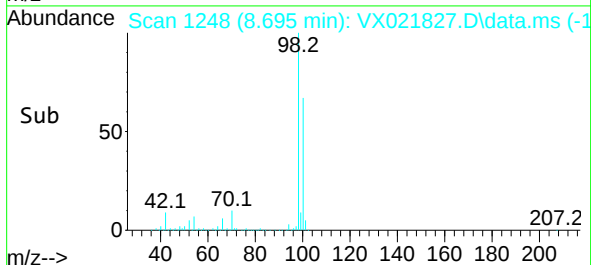
Tgt Ion: 117 Resp: 13183
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

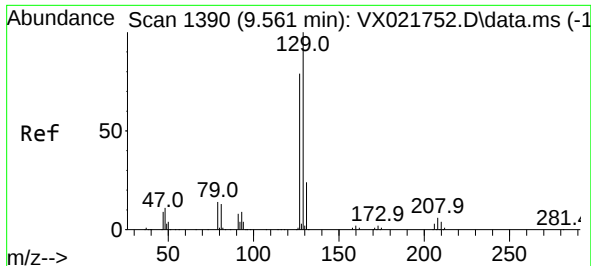


#50
Toluene-d8
Concen: 50.10 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021827.D
Acq: 22 Apr 2021 19:13



Tgt Ion: 98 Resp: 320466
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9

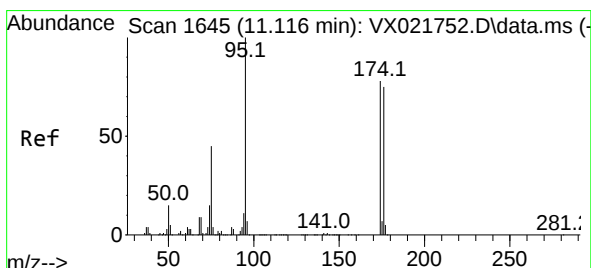
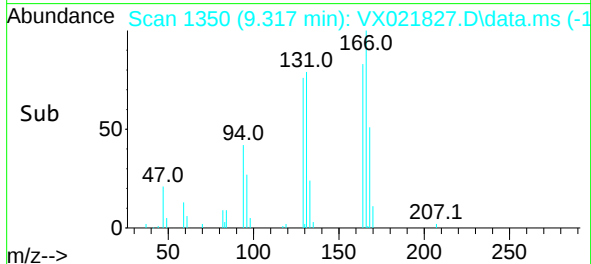
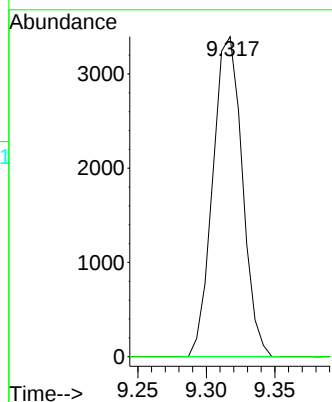
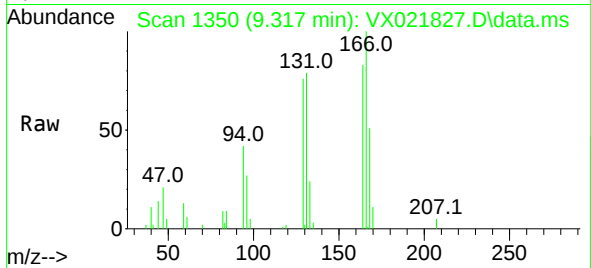




#60
Dibromochloromethane
Concen: 2.30 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX021827.D
Acq: 22 Apr 2021 19:13

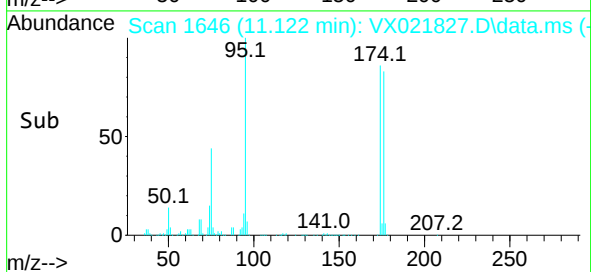
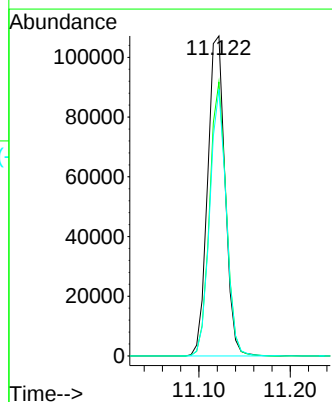
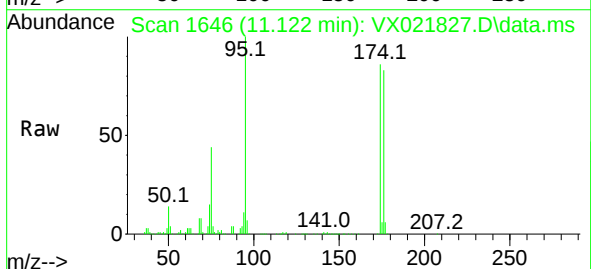
Instrument :
MSVOA_X
ClientSampleId :

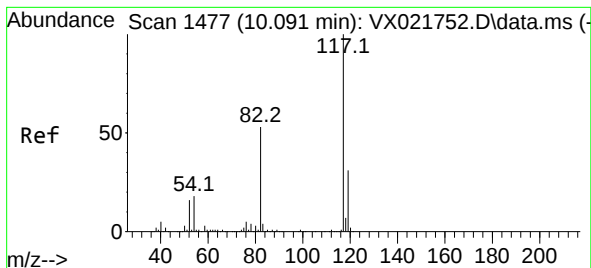
Tgt Ion:129 Resp: 5091
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 59.16 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX021827.D
Acq: 22 Apr 2021 19:13

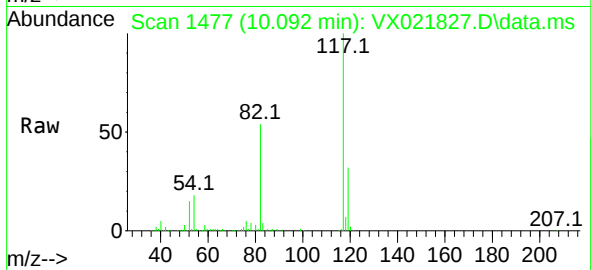
Tgt Ion: 95 Resp: 141311
Ion Ratio Lower Upper
95 100
174 81.8 0.0 154.6
176 79.1 0.0 155.8



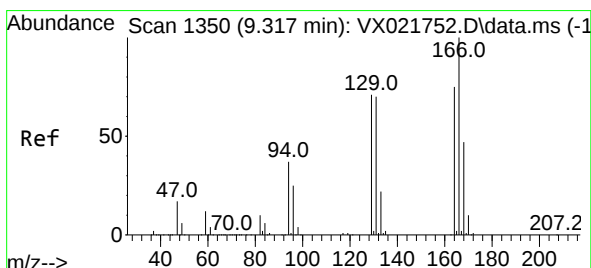
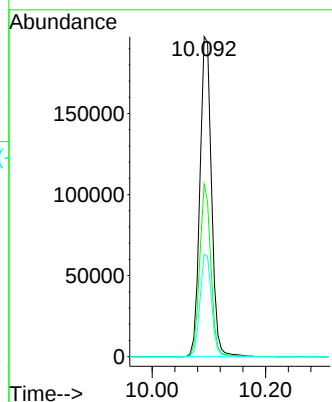
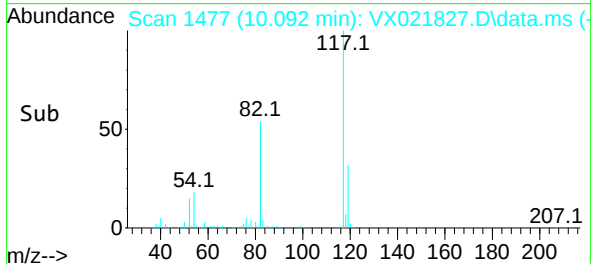


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021827.D
Acq: 22 Apr 2021 19:13

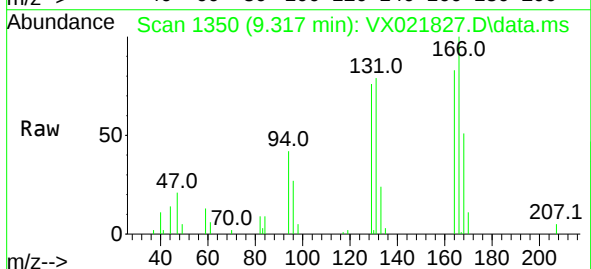
Instrument :
MSVOA_X
ClientSampled :



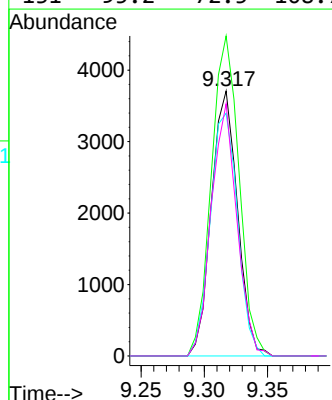
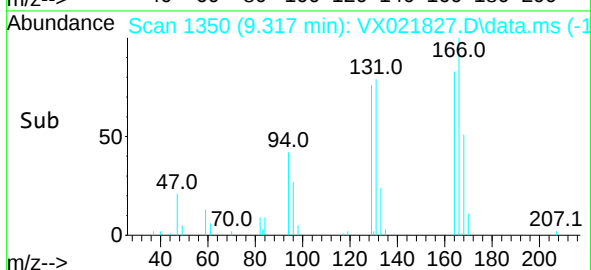
Tgt Ion:117 Resp: 279951
Ion Ratio Lower Upper
117 100
82 53.9 47.4 71.2
119 32.0 26.6 39.8

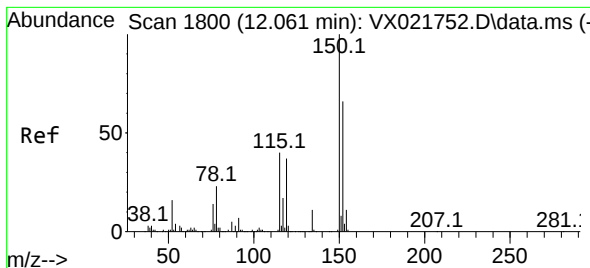


#64
Tetrachloroethene
Concen: 2.44 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX021827.D
Acq: 22 Apr 2021 19:13



Tgt Ion:164 Resp: 5335
Ion Ratio Lower Upper
164 100
166 120.8 103.4 155.2
129 91.6 70.8 106.2
131 95.2 72.5 108.7

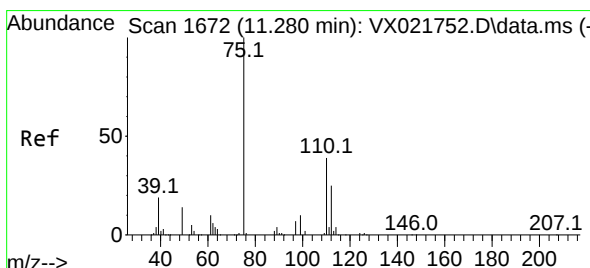
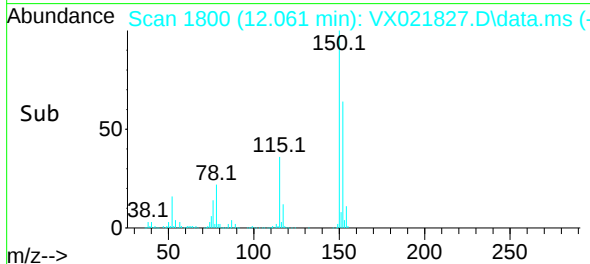
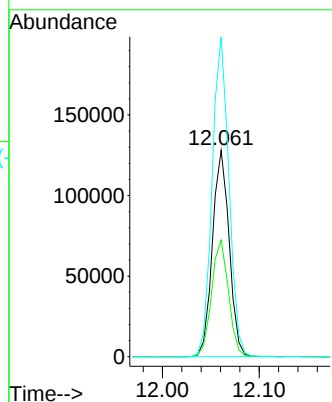
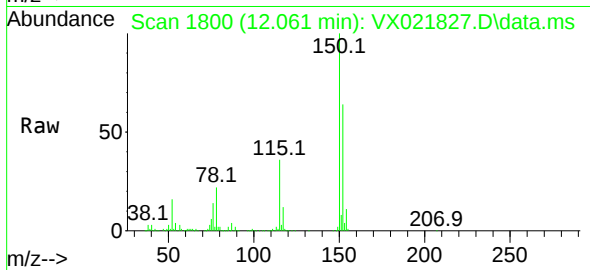




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX021827.D
 Acq: 22 Apr 2021 19:13

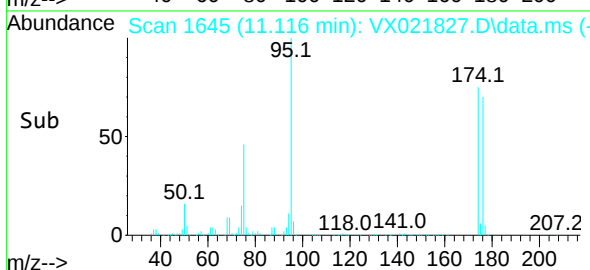
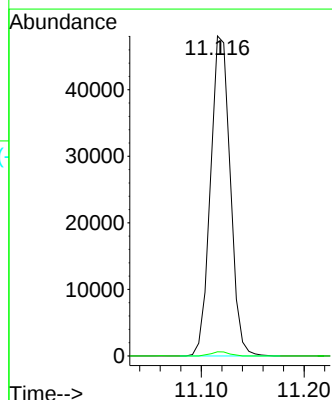
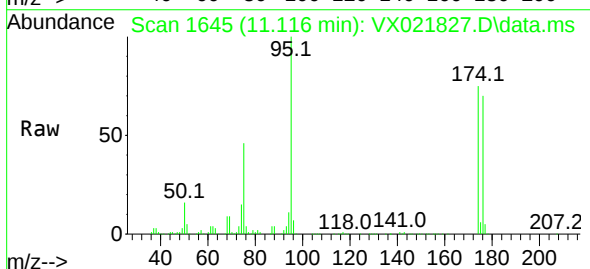
Instrument :
 MSVOA_X
 ClientSampled :

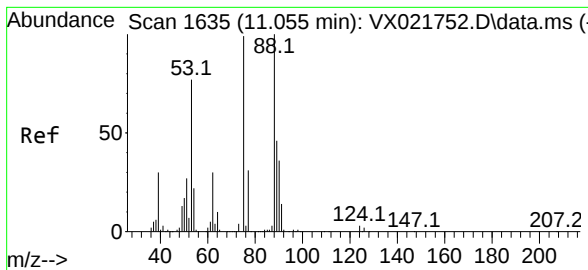
Tgt Ion:152 Resp: 153648
 Ion Ratio Lower Upper
 152 100
 115 57.2 41.1 123.3
 150 155.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 21.02 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.164 min
 Lab File: VX021827.D
 Acq: 22 Apr 2021 19:13

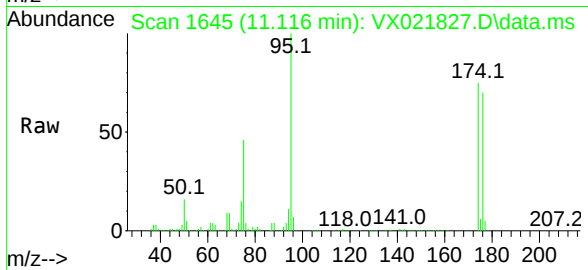
Tgt Ion: 75 Resp: 64055
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.34 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. 0.061 min
 Lab File: VX021827.D
 Acq: 22 Apr 2021 19:13

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 64055
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

