

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042321\
 Data File : VX021844.D
 Acq On : 23 Apr 2021 16:00
 Operator : JC/MD
 Sample : M2138-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-2S(ONSITE)

Quant Time: Apr 26 04:04:44 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)

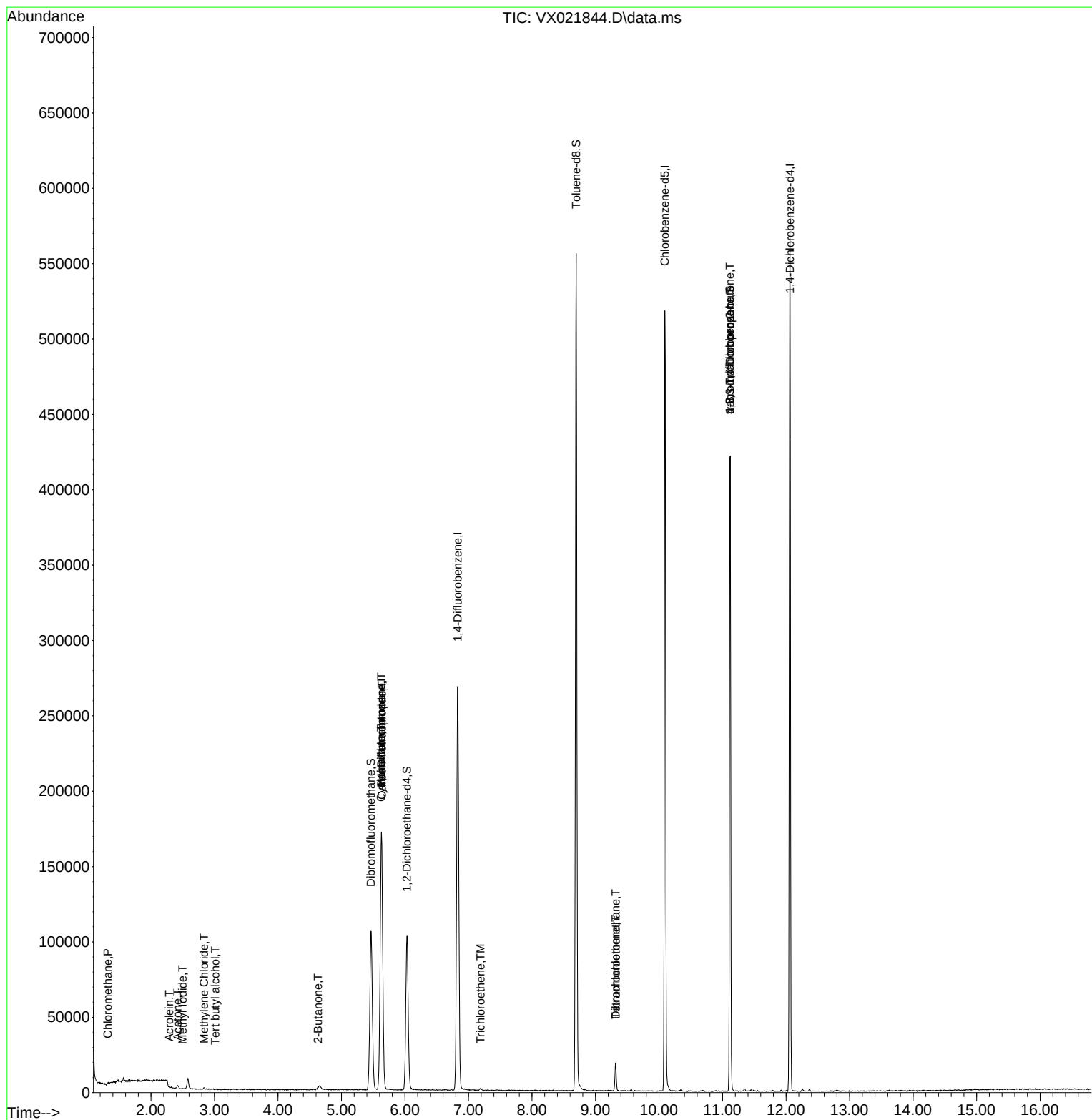
Internal Standards						
1) Pentafluorobenzene	5.629	168	172868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	292416	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	262583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	128146	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	96822	49.37	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.74%
35) Dibromofluoromethane	5.464	113	91870	49.13	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.26%
50) Toluene-d8	8.696	98	344428	47.90	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.80%
62) 4-Bromofluorobenzene	11.116	95	123628	46.04	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.08%
Target Compounds						
					Qvalue	
3) Chloromethane	1.319	50	986	0.75	ug/l	94
10) Methyl Iodide	2.495	142	126	8.23	ug/l #	42
11) Tert butyl alcohol	3.014	59	163	0.38	ug/l #	87
13) Acrolein	2.288	56	113	0.33	ug/l #	14
16) Acetone	2.416	43	2296	3.41	ug/l #	80
20) Methylene Chloride	2.837	84	553	0.27	ug/l #	82
25) 2-Butanone	4.629	43	321	0.28	ug/l #	45
31) Cyclohexane	5.623	56	2836	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	11365	4.40	ug/l #	49
38) Carbon Tetrachloride	5.635	117	16009	5.66	ug/l #	16
44) Trichloroethene	7.190	130	492	0.22	ug/l	79
60) Dibromochloromethane	9.317	129	3464	1.39	ug/l #	11
64) Tetrachloroethene	9.317	164	3507	1.71	ug/l	95
76) 1,2,3-Trichloropropane	11.116	75	56296	22.15	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	56296	50.94	ug/l #	12

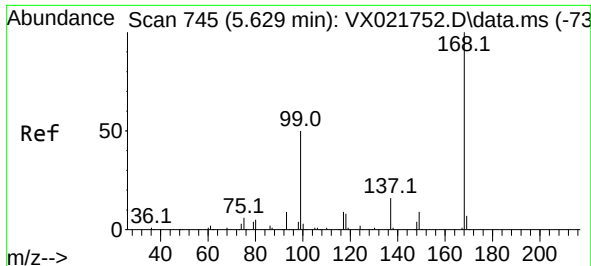
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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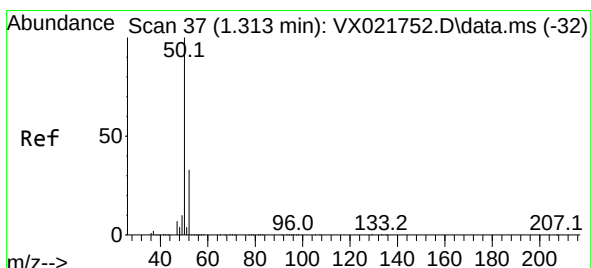
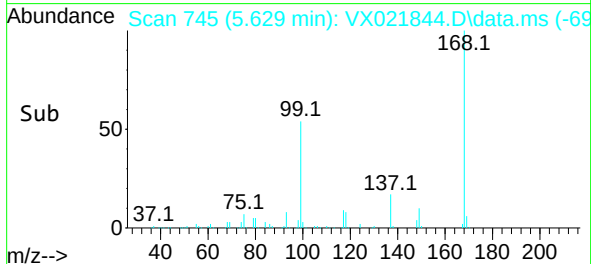
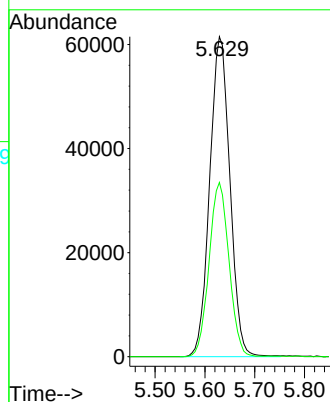
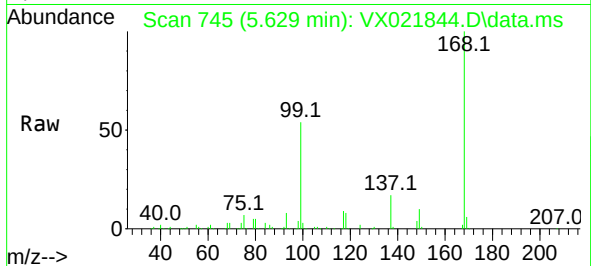




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX021844.D
Acq: 23 Apr 2021 16:00

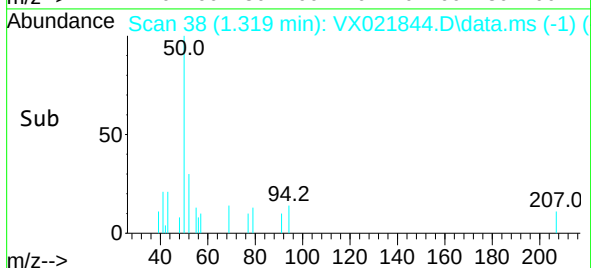
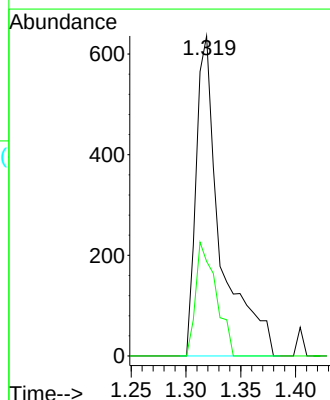
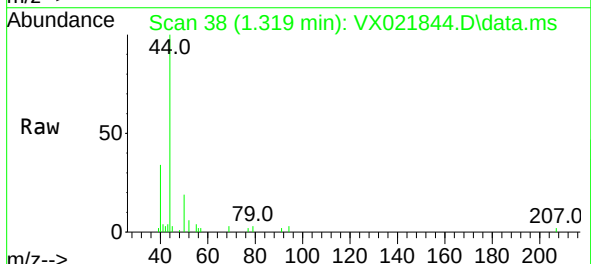
Instrument :
MSVOA_X
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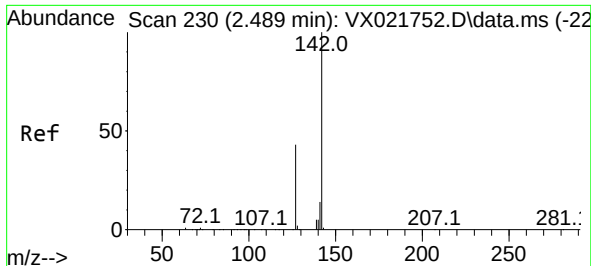
Tgt Ion:168 Resp: 172868
Ion Ratio Lower Upper
168 100
99 54.4 45.8 68.6



#3
Chloromethane
Concen: 0.75 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021844.D
Acq: 23 Apr 2021 16:00

Tgt Ion: 50 Resp: 986
Ion Ratio Lower Upper
50 100
52 29.6 26.4 39.6

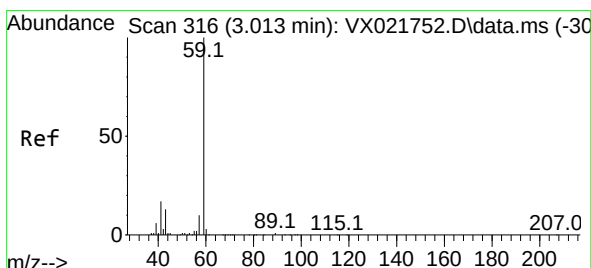
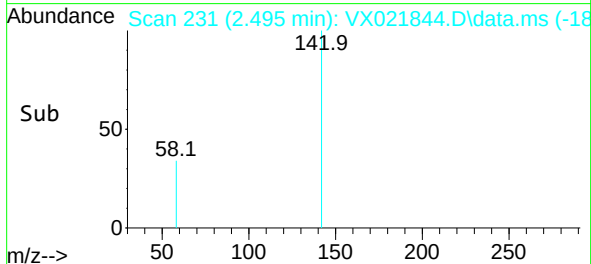
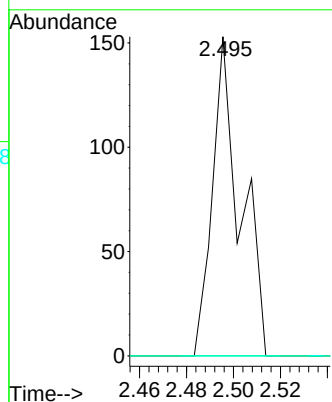
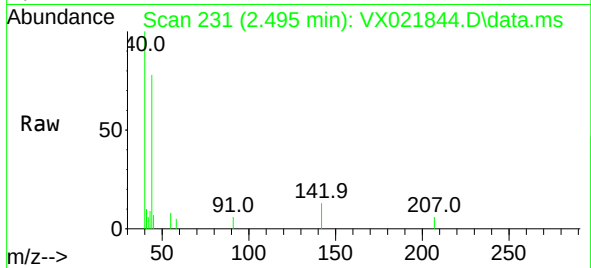




#10
Methyl Iodide
Concen: 8.23 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX021844.D
Acq: 23 Apr 2021 16:00

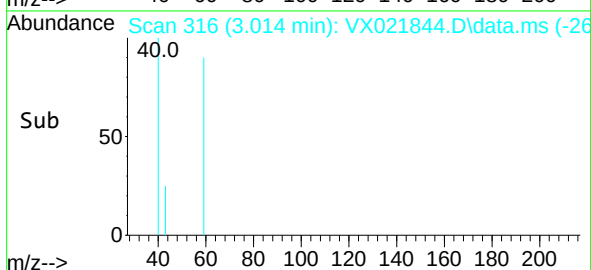
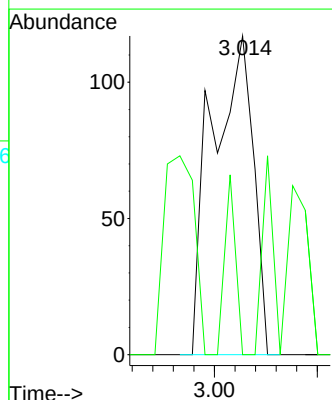
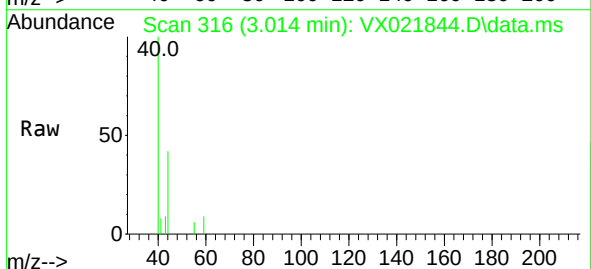
Instrument :
MSVOA_X
ClientSampleId :
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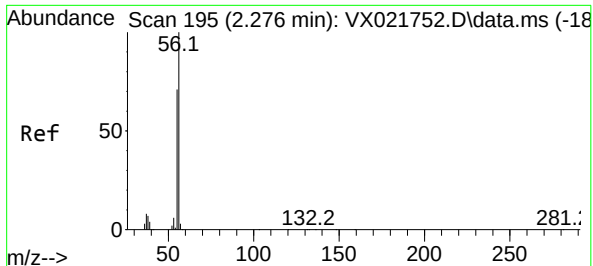
Tgt Ion:142 Resp: 126
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.38 ug/l
RT: 3.014 min Scan# 316
Delta R.T. 0.001 min
Lab File: VX021844.D
Acq: 23 Apr 2021 16:00

Tgt Ion: 59 Resp: 163
Ion Ratio Lower Upper
59 100
57 14.7 7.8 11.8#

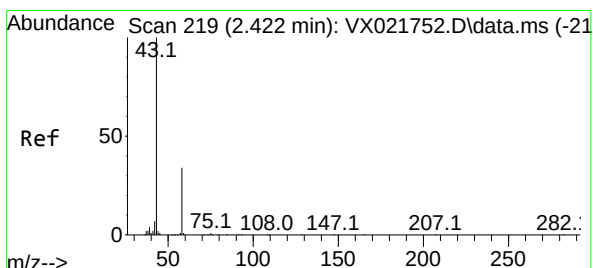
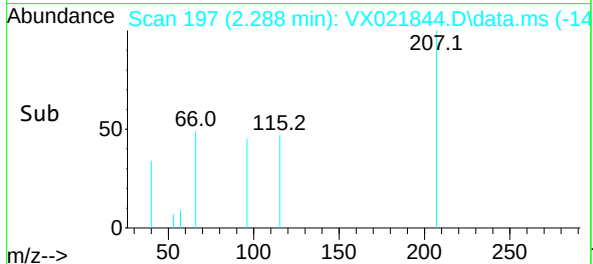
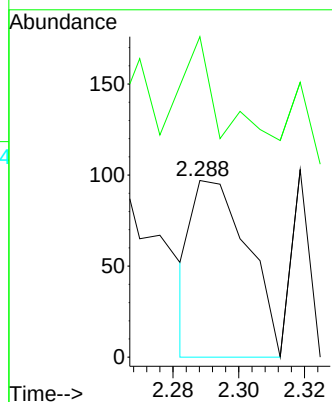
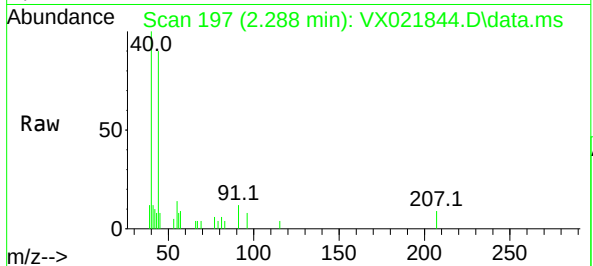




#13
Acrolein
Concen: 0.33 ug/l
RT: 2.288 min Scan# 197
Delta R.T. 0.012 min
Lab File: VX021844.D
Acq: 23 Apr 2021 16:00

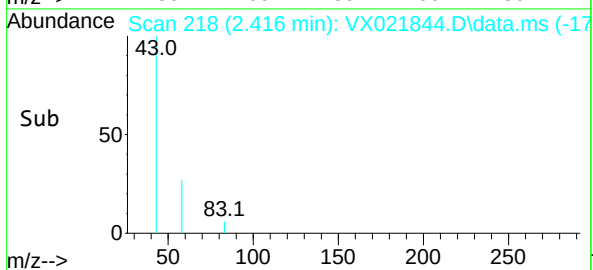
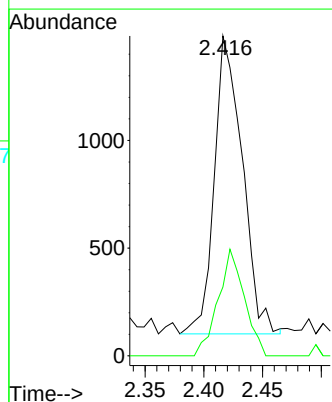
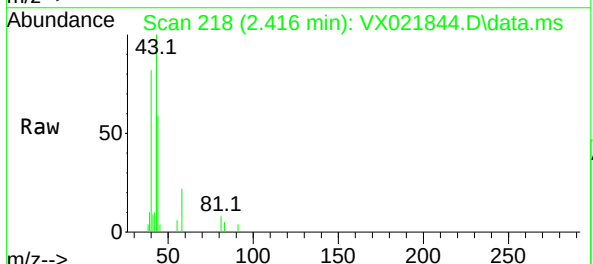
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-2S(ONSITE)

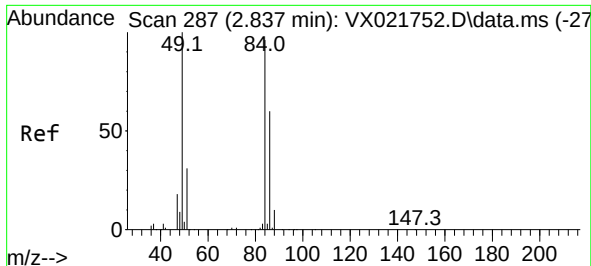
Tgt Ion: 56 Resp: 113
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 3.41 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX021844.D
Acq: 23 Apr 2021 16:00

Tgt Ion: 43 Resp: 2296
Ion Ratio Lower Upper
43 100
58 23.1 27.8 41.8#

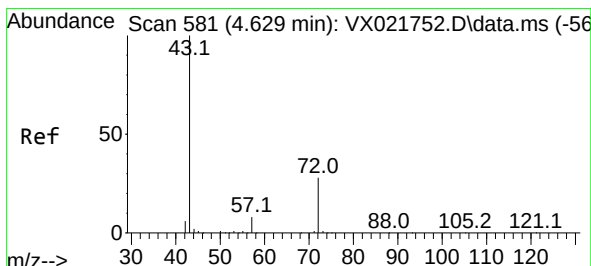
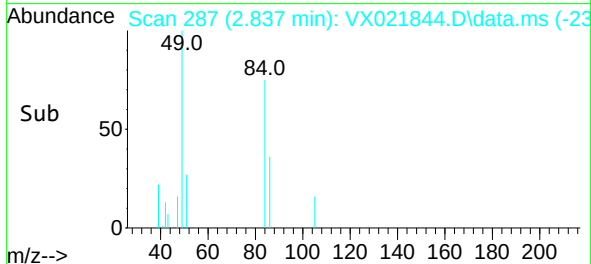
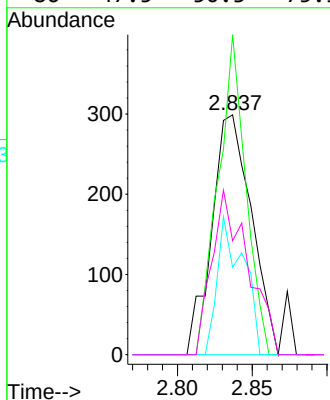
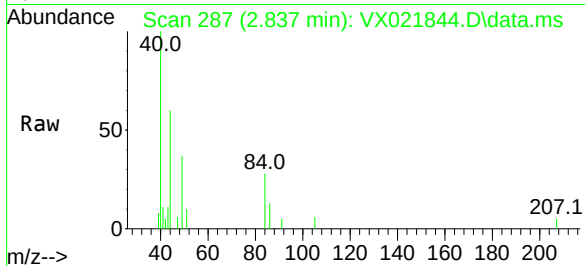




#20
Methylene Chloride
Concen: 0.27 ug/l
RT: 2.837 min Scan# 287
Delta R.T. -0.000 min
Lab File: VX021844.D
Acq: 23 Apr 2021 16:00

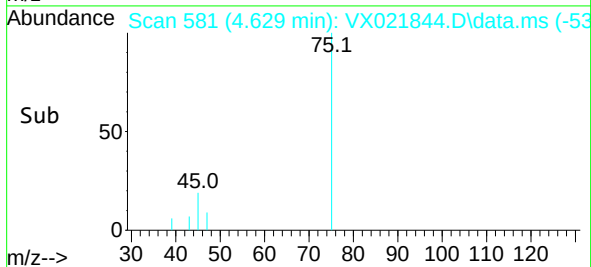
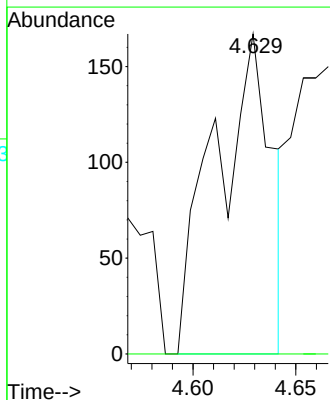
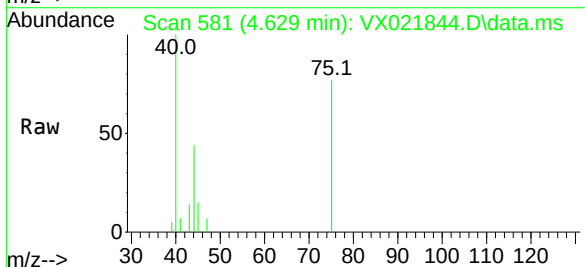
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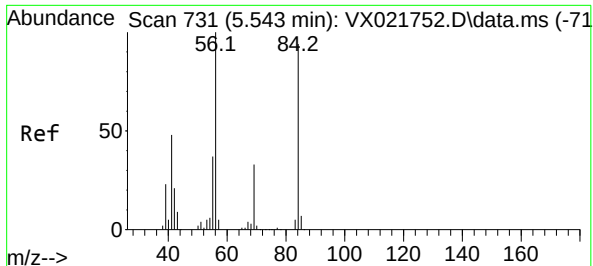
Tgt Ion:	84	Resp:	553
Ion	Ratio	Lower	Upper
84	100		
49	133.4	88.6	132.8#
51	36.5	27.0	40.6
86	47.5	50.3	75.5#



#25
2-Butanone
Concen: 0.28 ug/l
RT: 4.629 min Scan# 581
Delta R.T. 0.000 min
Lab File: VX021844.D
Acq: 23 Apr 2021 16:00

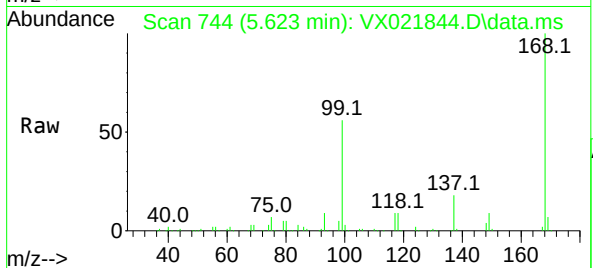
Tgt Ion:	43	Resp:	321
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#



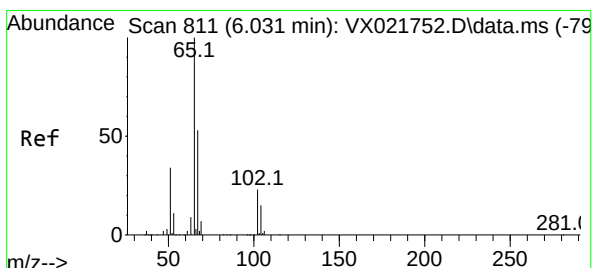
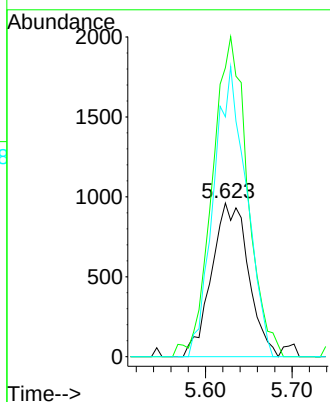
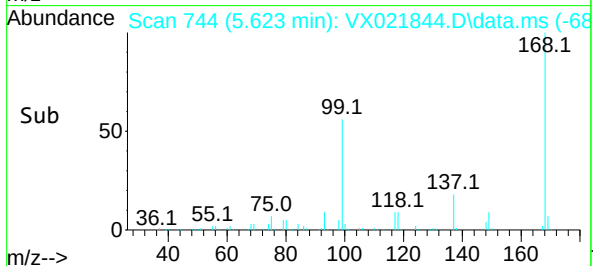


#31
Cyclohexane
Concen: 1.03 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.080 min
Lab File: VX021844.D
Acq: 23 Apr 2021 16:00

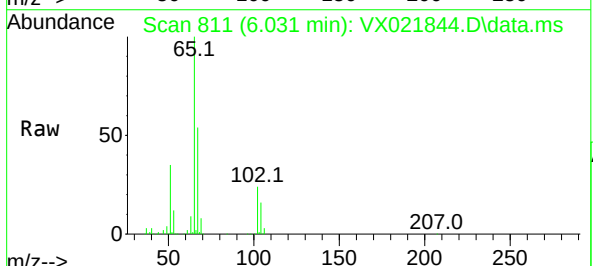
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-2S(ONSITE)



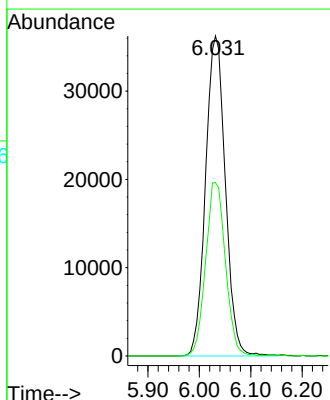
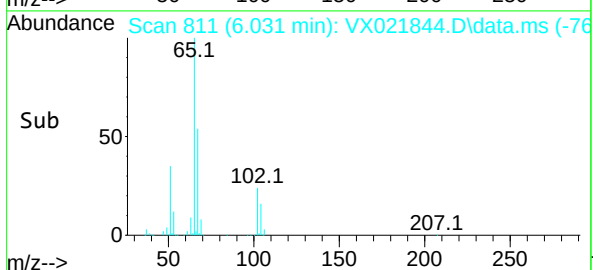
Tgt Ion: 56 Resp: 2836
Ion Ratio Lower Upper
56 100
69 180.5 25.3 37.9#
84 156.2 71.4 107.0#

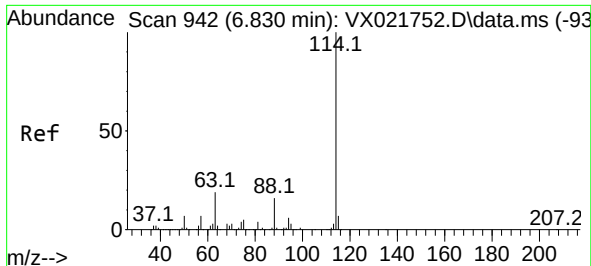


#33
1,2-Dichloroethane-d4
Concen: 49.37 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021844.D
Acq: 23 Apr 2021 16:00



Tgt Ion: 65 Resp: 96822
Ion Ratio Lower Upper
65 100
67 54.3 0.0 105.4

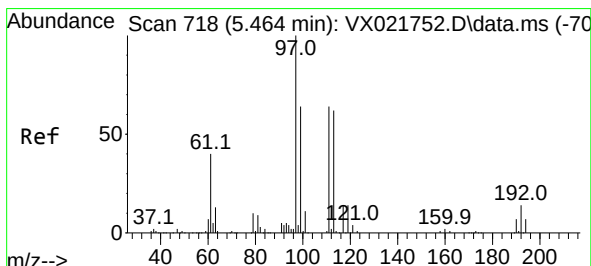
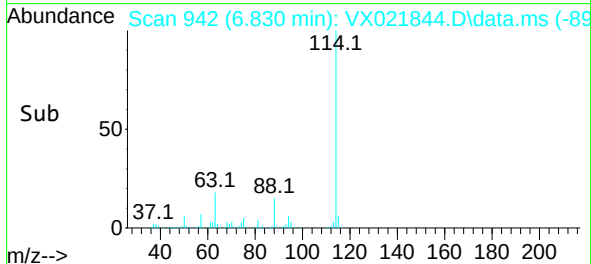
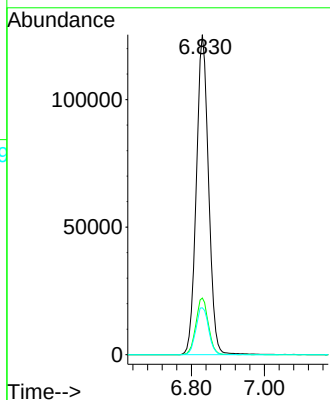
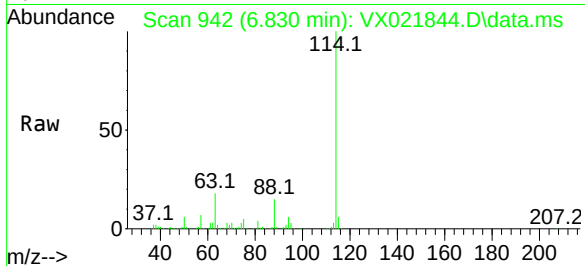




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX021844.D
Acq: 23 Apr 2021 16:00

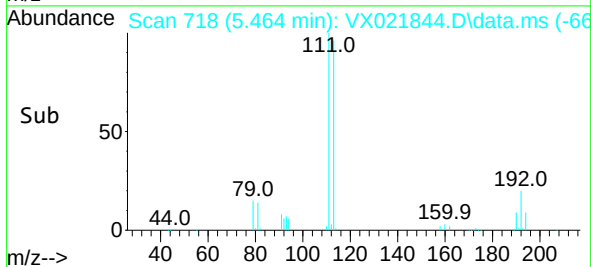
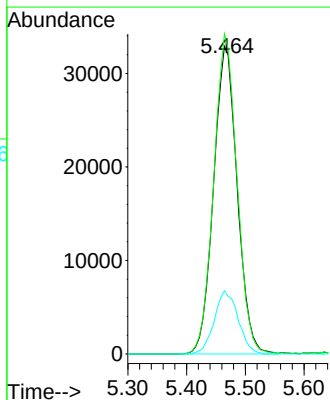
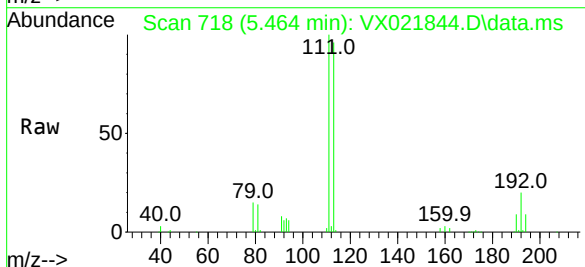
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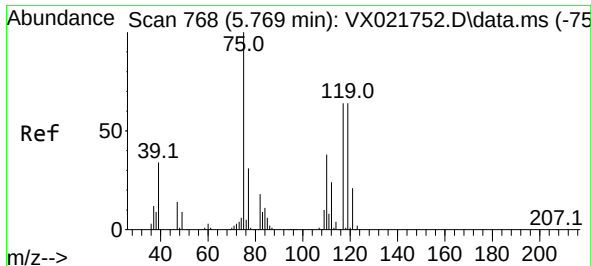
Tgt Ion:114 Resp: 292416
Ion Ratio Lower Upper
114 100
63 17.7 0.0 40.8
88 14.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.13 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021844.D
Acq: 23 Apr 2021 16:00

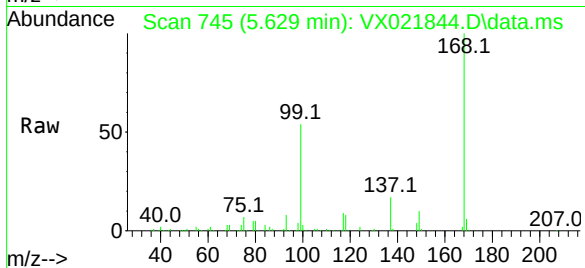
Tgt Ion:113 Resp: 91870
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 20.7 16.7 25.1



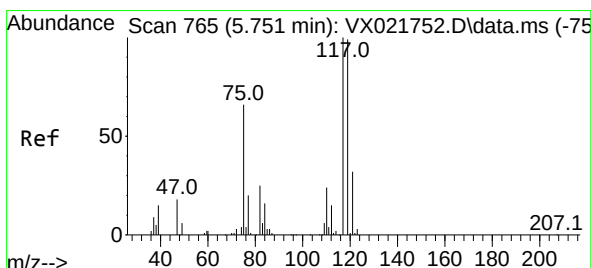
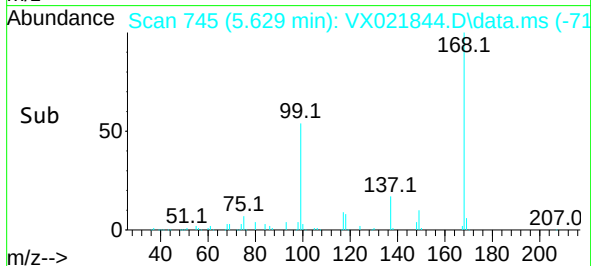
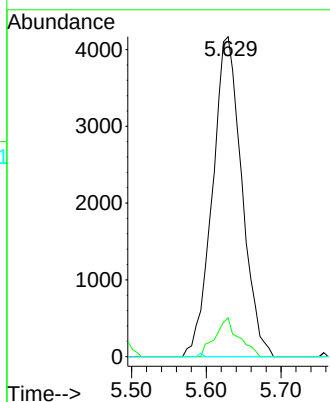


#36
1,1-Dichloropropene
Concen: 4.40 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021844.D
Acq: 23 Apr 2021 16:00

Instrument :
MSVOA_X
ClientSampleId :
152140-MW-2S(ONSITE)

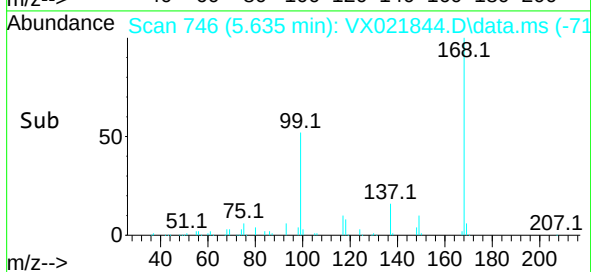
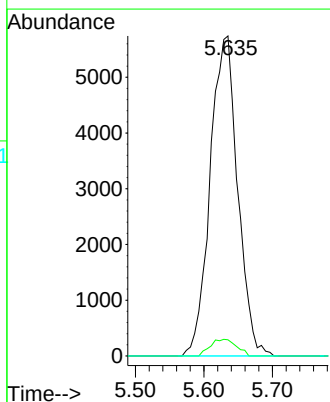
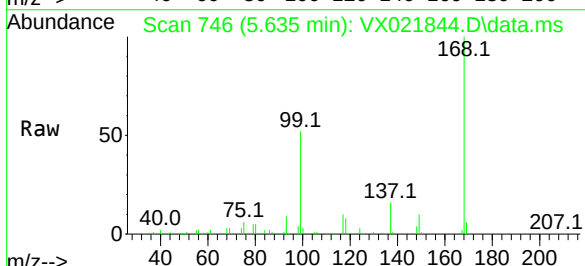


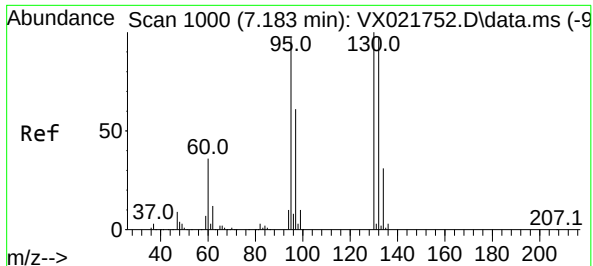
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.4#
77	0.0	25.3	37.9#



#38
Carbon Tetrachloride
Concen: 5.66 ug/l
RT: 5.635 min Scan# 746
Delta R.T. -0.116 min
Lab File: VX021844.D
Acq: 23 Apr 2021 16:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.2	114.2#
121	0.0	24.8	37.2#

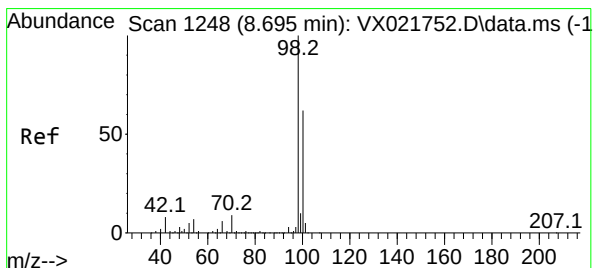
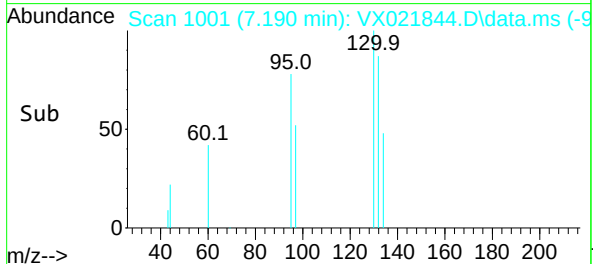
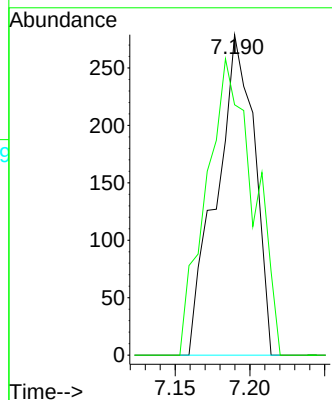
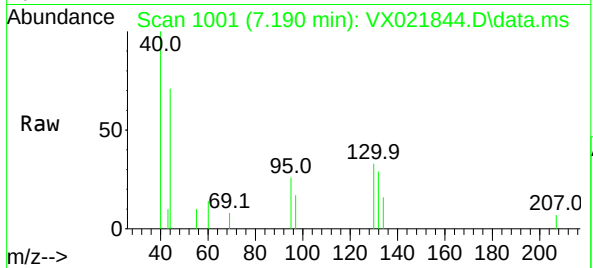




#44
Trichloroethene
Concen: 0.22 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.007 min
Lab File: VX021844.D
Acq: 23 Apr 2021 16:00

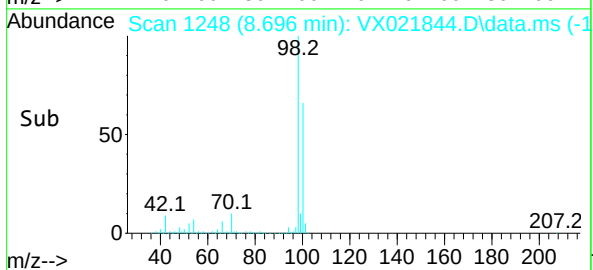
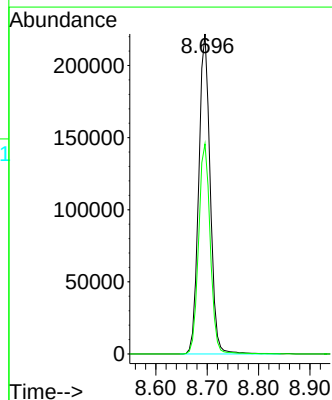
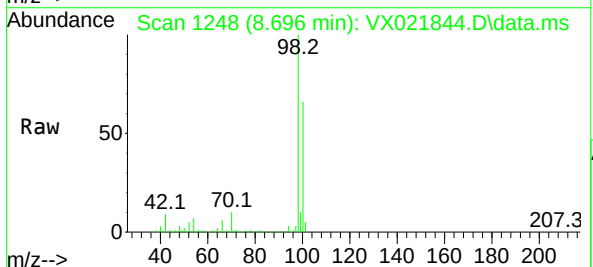
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-2S(ONSITE)

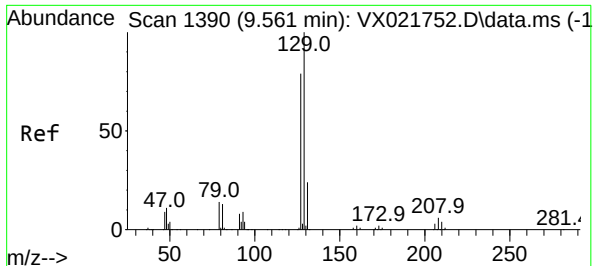
Tgt Ion:130 Resp: 492
Ion Ratio Lower Upper
130 100
95 78.1 0.0 198.0



#50
Toluene-d8
Concen: 47.90 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.001 min
Lab File: VX021844.D
Acq: 23 Apr 2021 16:00

Tgt Ion: 98 Resp: 344428
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9

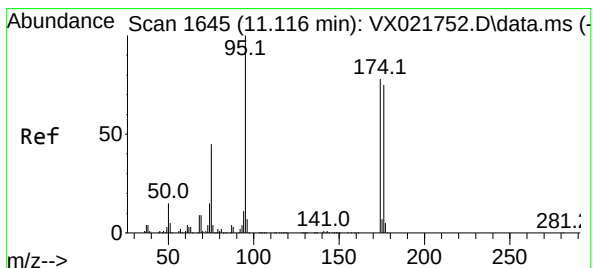
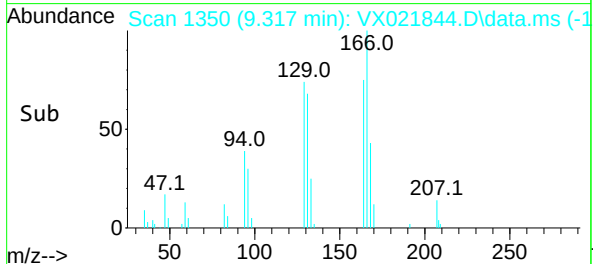
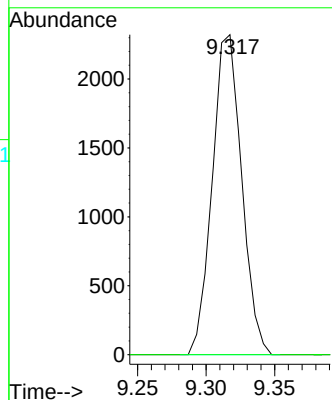
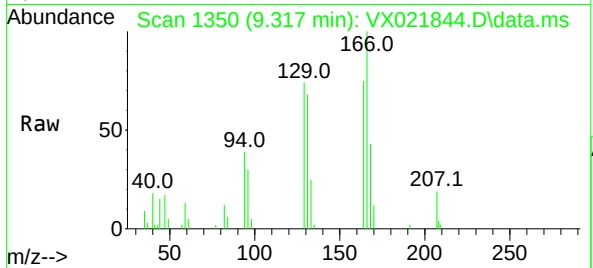




#60
Dibromochloromethane
Concen: 1.39 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX021844.D
Acq: 23 Apr 2021 16:00

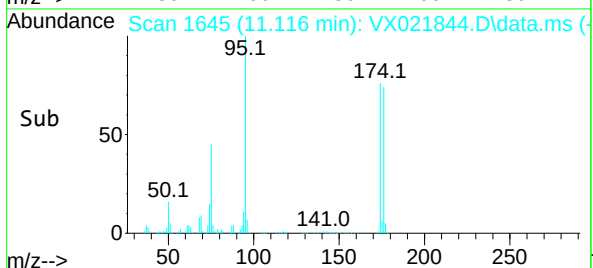
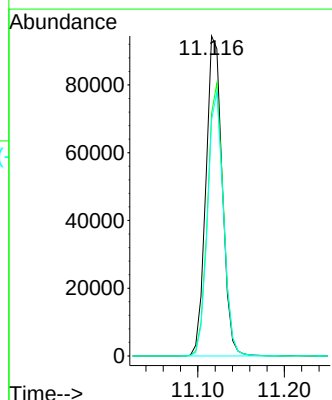
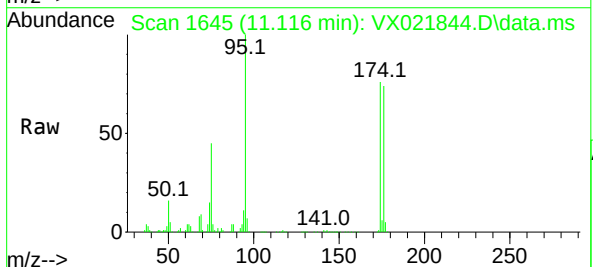
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-2S(ONSITE)

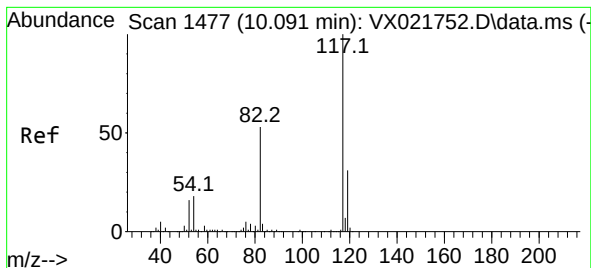
Tgt Ion:129 Resp: 3464
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 46.04 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021844.D
Acq: 23 Apr 2021 16:00

Tgt Ion: 95 Resp: 123628
Ion Ratio Lower Upper
95 100
174 82.8 0.0 154.6
176 79.8 0.0 155.8

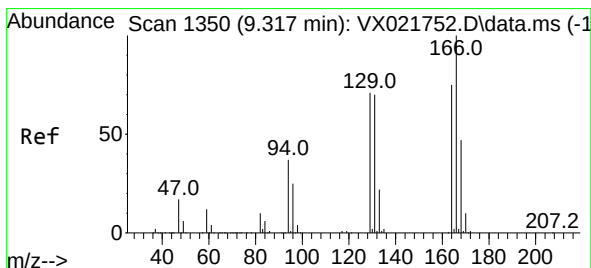
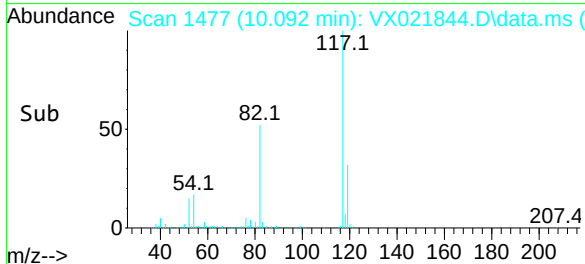
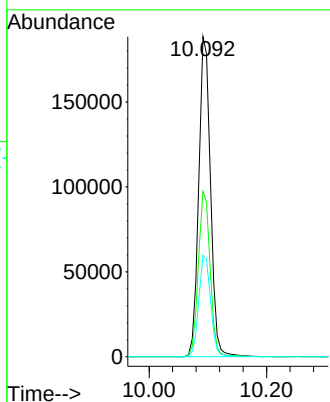
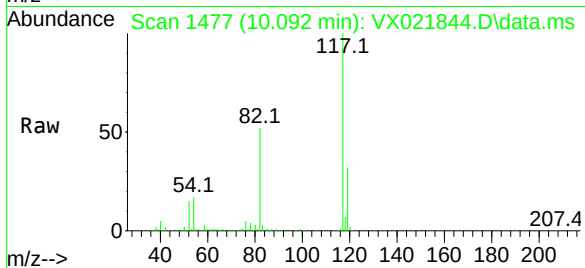




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021844.D
Acq: 23 Apr 2021 16:00

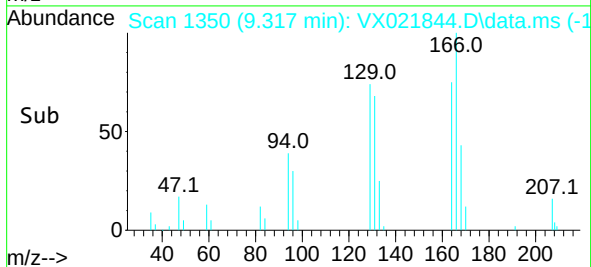
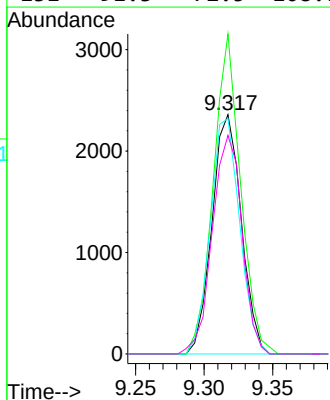
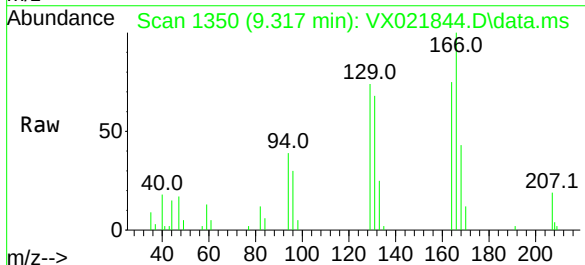
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-2S(ONSITE)

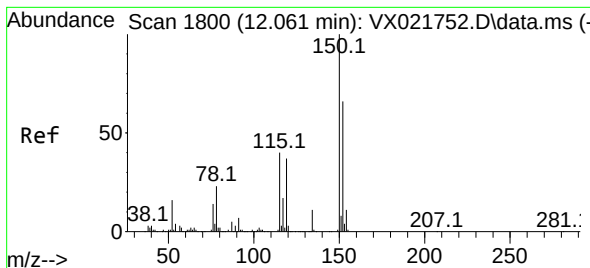
Tgt Ion:117 Resp: 262583
Ion Ratio Lower Upper
117 100
82 51.6 47.4 71.2
119 31.7 26.6 39.8



#64
Tetrachloroethene
Concen: 1.71 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX021844.D
Acq: 23 Apr 2021 16:00

Tgt Ion:164 Resp: 3507
Ion Ratio Lower Upper
164 100
166 133.7 103.4 155.2
129 98.4 70.8 106.2
131 91.3 72.5 108.7

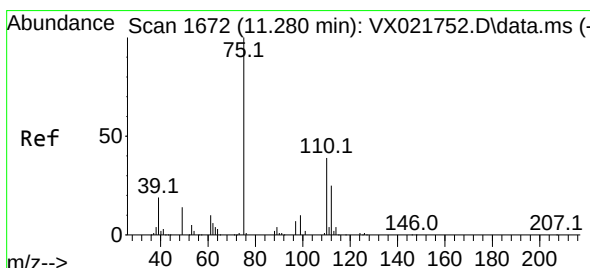
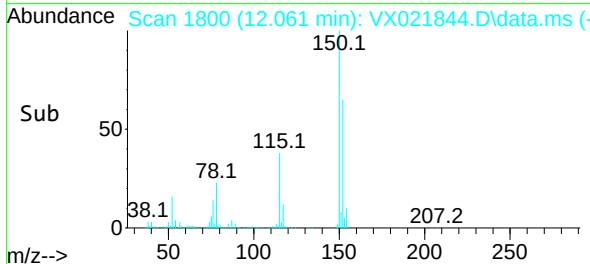
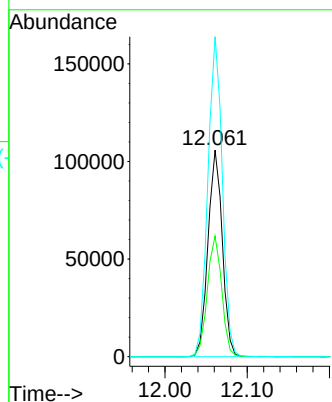
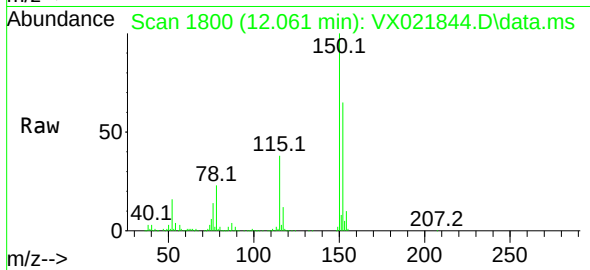




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX021844.D
 Acq: 23 Apr 2021 16:00

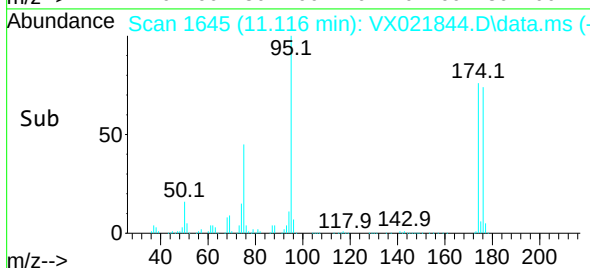
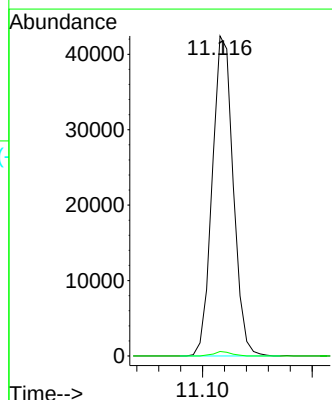
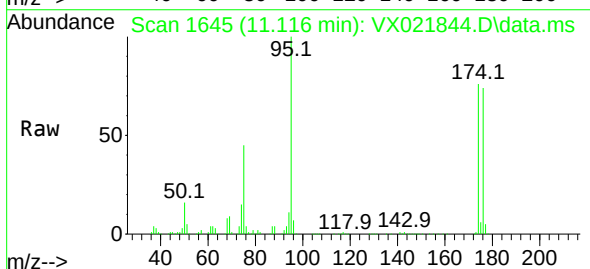
Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-2S(ONSITE)

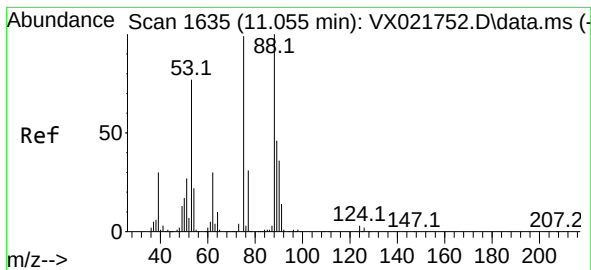
Tgt Ion:152 Resp: 128146
 Ion Ratio Lower Upper
 152 100
 115 58.5 41.1 123.3
 150 155.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 22.15 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.164 min
 Lab File: VX021844.D
 Acq: 23 Apr 2021 16:00

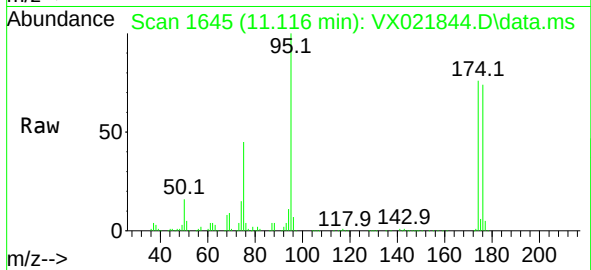
Tgt Ion: 75 Resp: 56296
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.94 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. 0.061 min
 Lab File: VX021844.D
 Acq: 23 Apr 2021 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-2S(ONSITE)



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

