

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042221\
 Data File : VX021833.D
 Acq On : 22 Apr 2021 21:29
 Operator : JC/MD
 Sample : M2138-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 23 07:47:25 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)

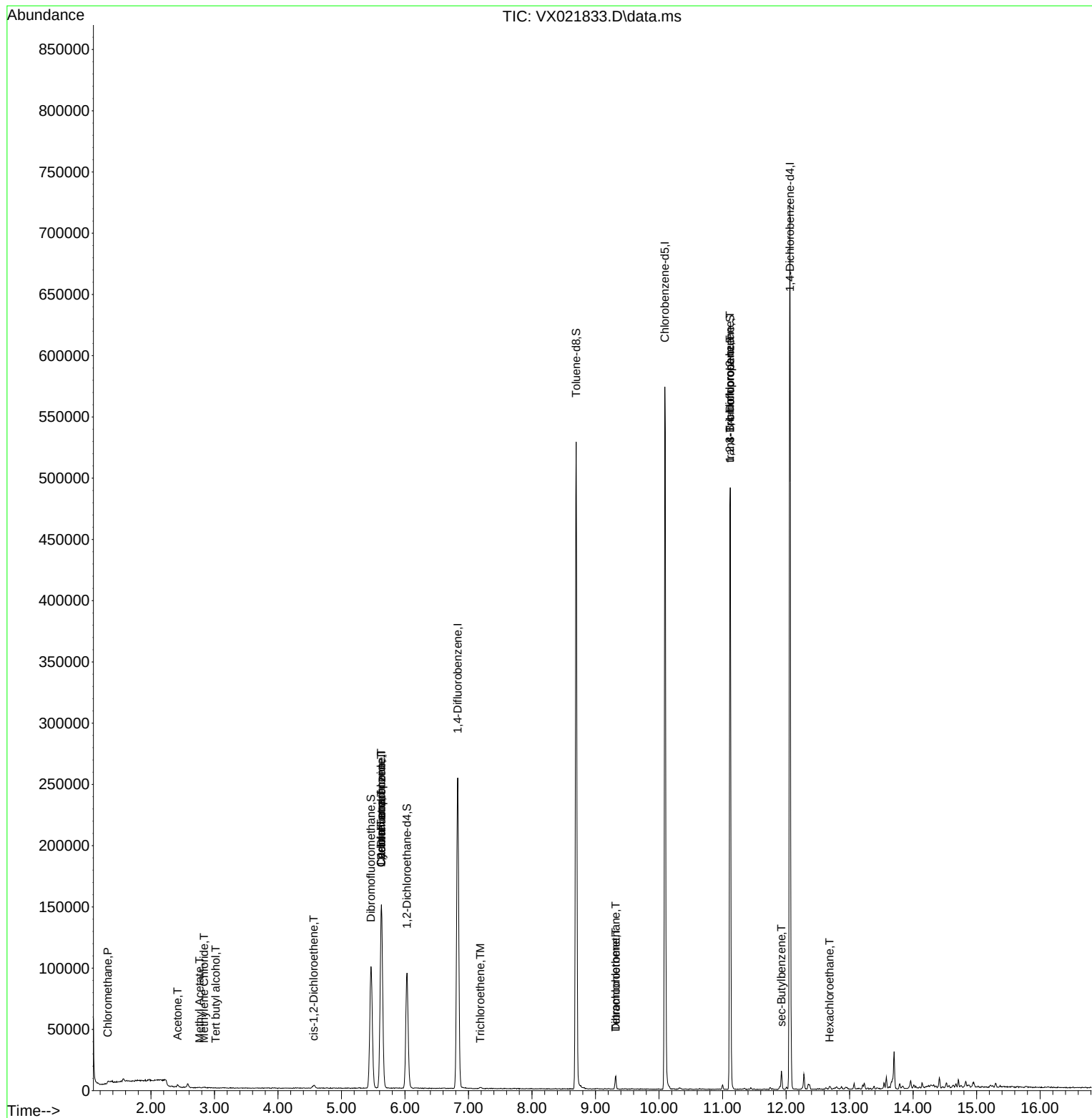
Internal Standards						
1) Pentafluorobenzene	5.629	168	149354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	276076	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	286511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	156260	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	88596	52.29	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	= 104.58%		
35) Dibromofluoromethane	5.464	113	88634	50.20	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 100.40%		
50) Toluene-d8	8.695	98	336334	49.55	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	= 99.10%		
62) 4-Bromofluorobenzene	11.122	95	145116	57.24	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 114.48%		
Target Compounds						
						Qvalue
3) Chloromethane	1.319	50	794	0.72	ug/l	98
11) Tert butyl alcohol	3.020	59	101	0.27	ug/l #	73
16) Acetone	2.416	43	2222	3.81	ug/l	88
18) Methyl Acetate	2.764	43	353	0.22	ug/l #	47
20) Methylene Chloride	2.837	84	383	0.22	ug/l #	79
27) cis-1,2-Dichloroethene	4.562	96	1973	1.10	ug/l	80
31) Cyclohexane	5.623	56	2569	1.08	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	9914	4.07	ug/l #	50
38) Carbon Tetrachloride	5.623	117	14370	5.39	ug/l #	16
44) Trichloroethene	7.184	130	466	0.22	ug/l	91
60) Dibromochloromethane	9.317	129	2061	0.88	ug/l #	11
64) Tetrachloroethene	9.317	164	2079	0.93	ug/l	86
76) 1,2,3-Trichloropropane	11.116	75	66328	21.41	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	66328	49.22	ug/l #	12
85) sec-Butylbenzene	11.927	105	7754	0.73	ug/l	92
90) Hexachloroethane	12.683	117	674	0.37	ug/l #	9

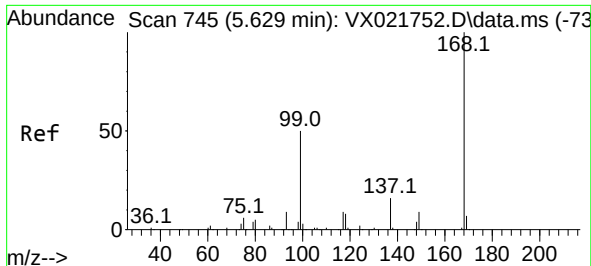
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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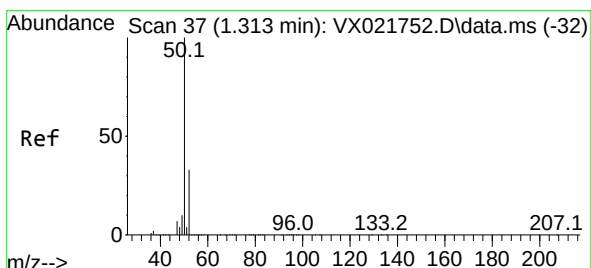
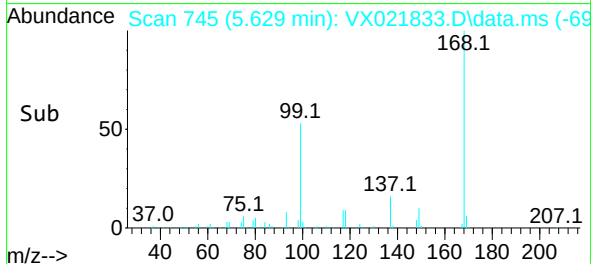
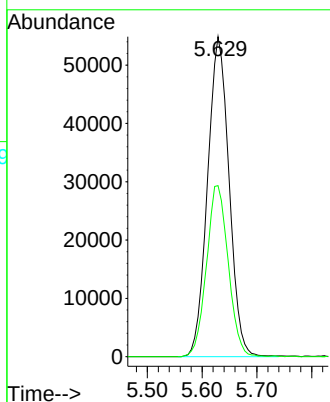
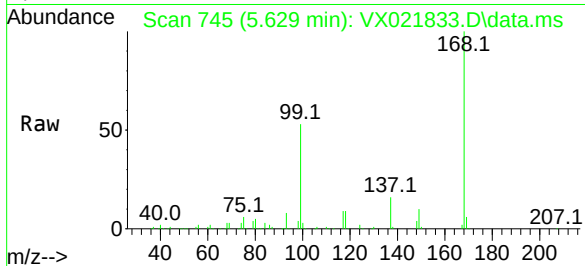




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021833.D
Acq: 22 Apr 2021 21:29

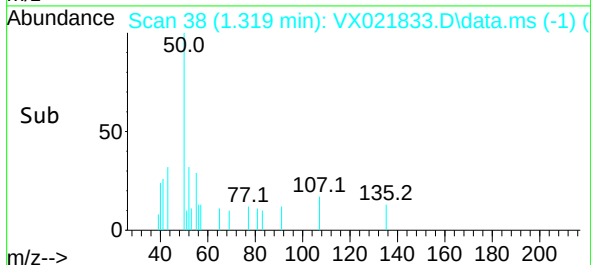
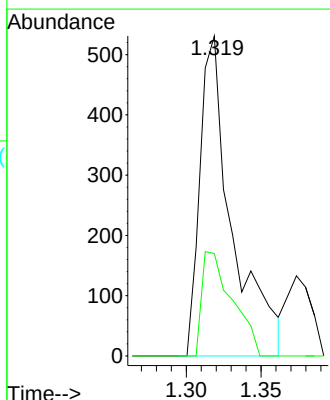
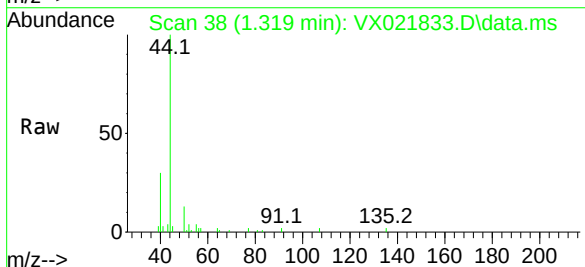
Instrument :
MSVOA_X
ClientSampleId :

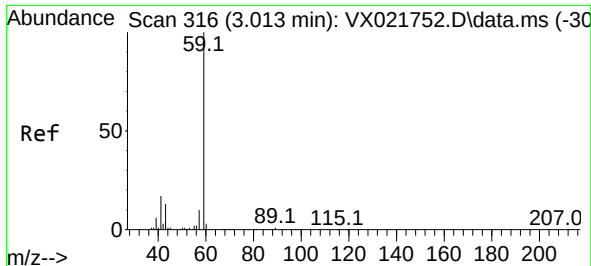
Tgt Ion:168 Resp: 149354
Ion Ratio Lower Upper
168 100
99 53.4 45.8 68.6



#3
Chloromethane
Concen: 0.72 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021833.D
Acq: 22 Apr 2021 21:29

Tgt Ion: 50 Resp: 794
Ion Ratio Lower Upper
50 100
52 32.0 26.4 39.6

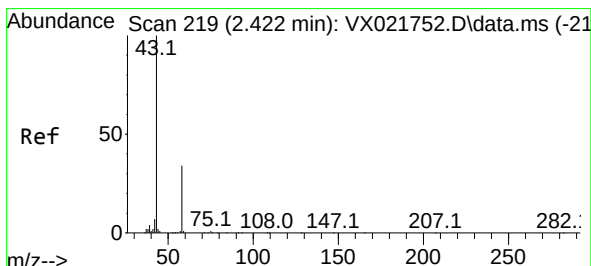
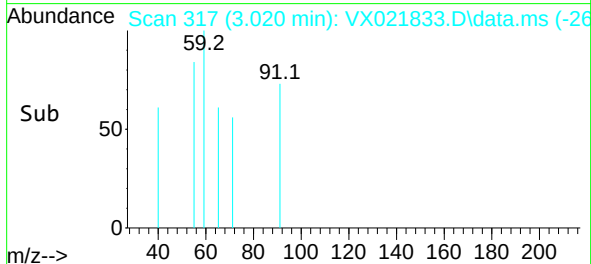
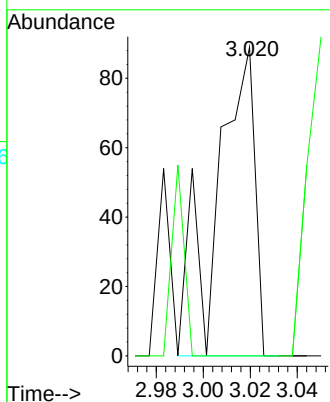
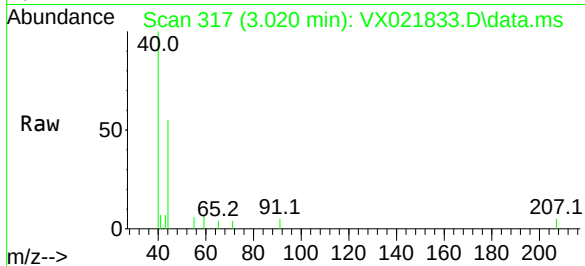




#11
Tert butyl alcohol
Concen: 0.27 ug/l
RT: 3.020 min Scan# 317
Delta R.T. 0.007 min
Lab File: VX021833.D
Acq: 22 Apr 2021 21:29

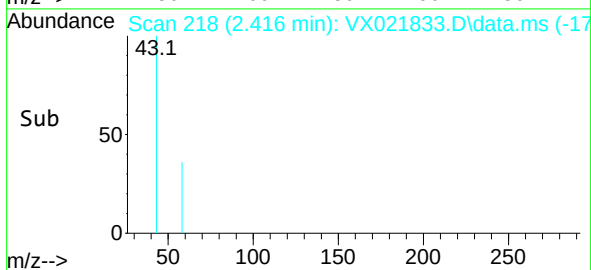
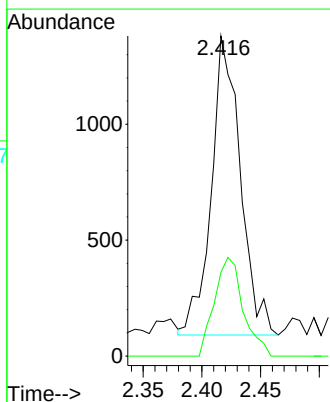
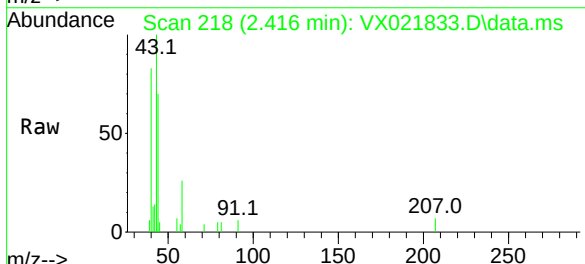
Instrument :
MSVOA_X
ClientSampled :

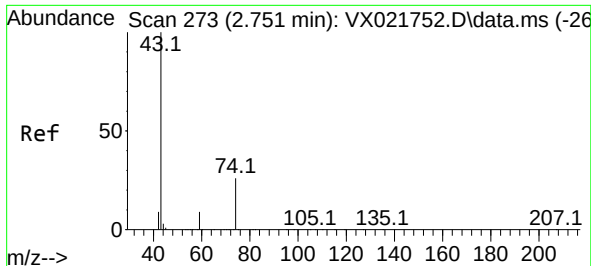
Tgt Ion: 59 Resp: 101
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 3.81 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX021833.D
Acq: 22 Apr 2021 21:29

Tgt Ion: 43 Resp: 2222
Ion Ratio Lower Upper
43 100
58 28.0 27.8 41.8

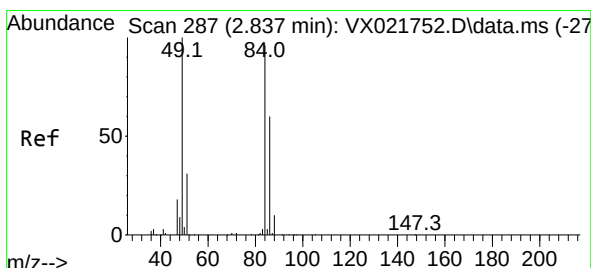
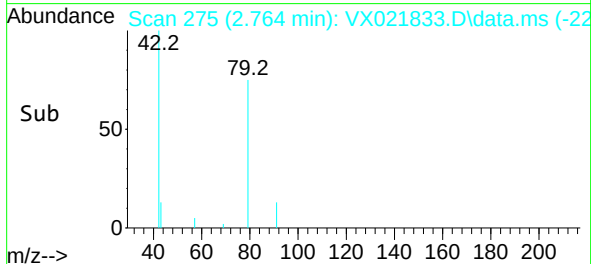
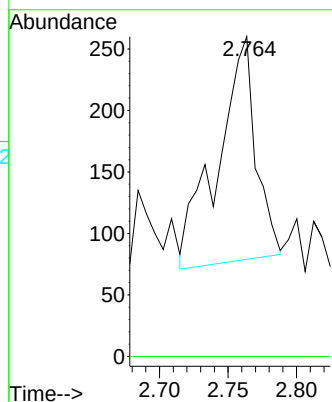
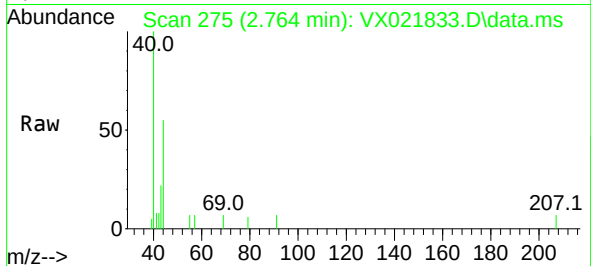




#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.764 min Scan# 275
Delta R.T. 0.013 min
Lab File: VX021833.D
Acq: 22 Apr 2021 21:29

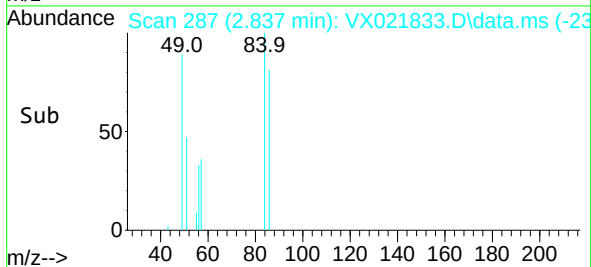
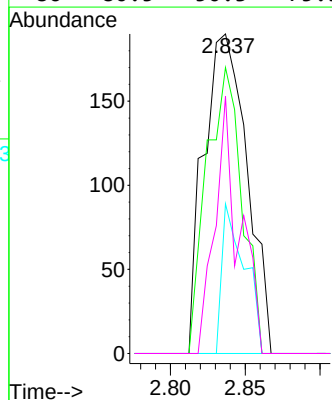
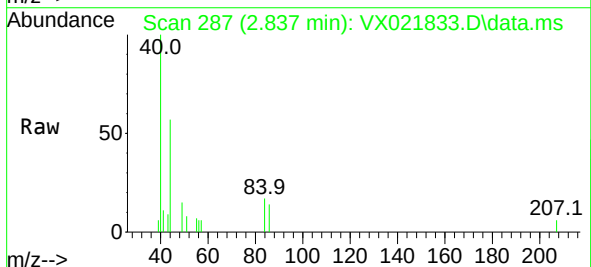
Instrument :
MSVOA_X
ClientSampled :

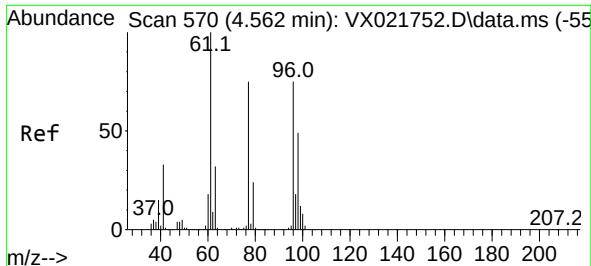
Tgt Ion: 43 Resp: 353
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 2.837 min Scan# 287
Delta R.T. -0.000 min
Lab File: VX021833.D
Acq: 22 Apr 2021 21:29

Tgt Ion: 84 Resp: 383
Ion Ratio Lower Upper
84 100
49 89.5 88.6 132.8
51 46.8 27.0 40.6#
86 80.5 50.3 75.5#





#27

cis-1,2-Dichloroethene

Concen: 1.10 ug/l

RT: 4.562 min Scan# 570

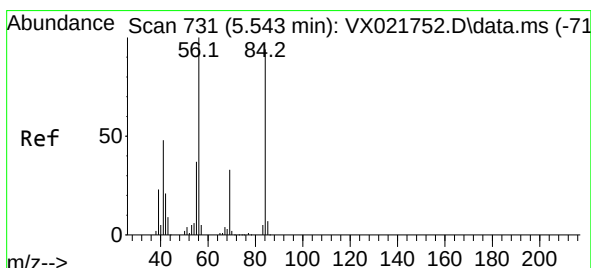
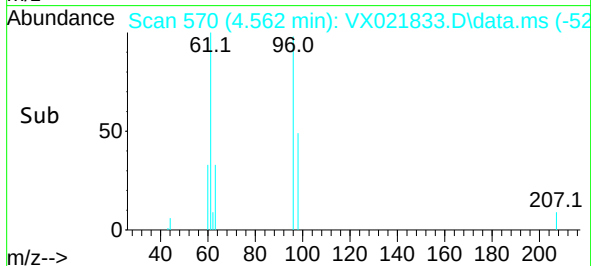
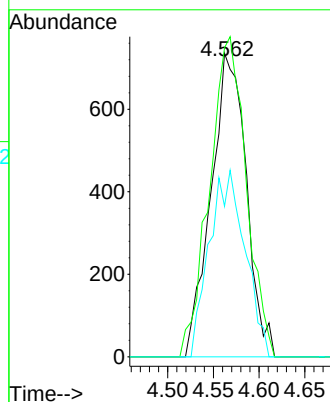
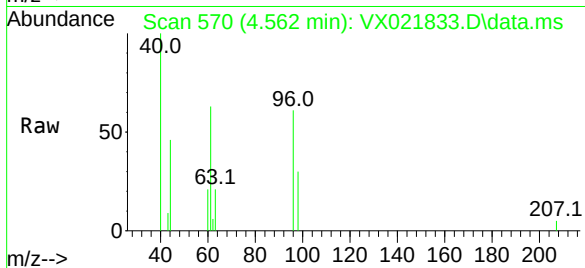
Delta R.T. 0.000 min

Lab File: VX021833.D

Acq: 22 Apr 2021 21:29

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:	96	Resp:	1973
Ion	Ratio	Lower	Upper
96	100		
61	109.6	0.0	285.6
98	62.2	0.0	129.6



#31

Cyclohexane

Concen: 1.08 ug/l

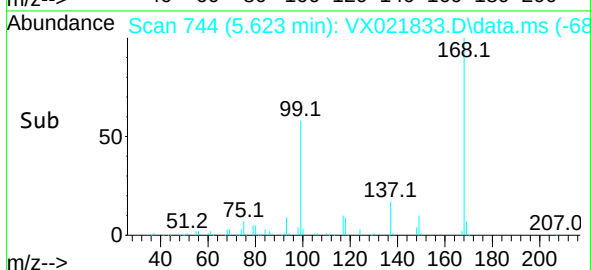
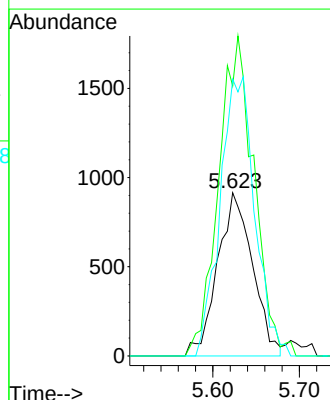
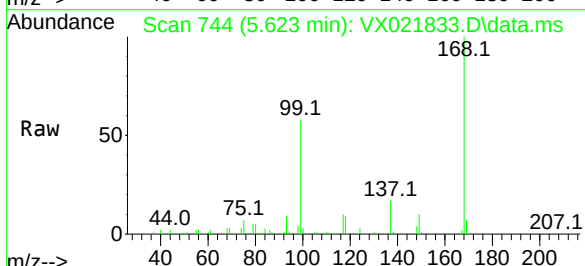
RT: 5.623 min Scan# 744

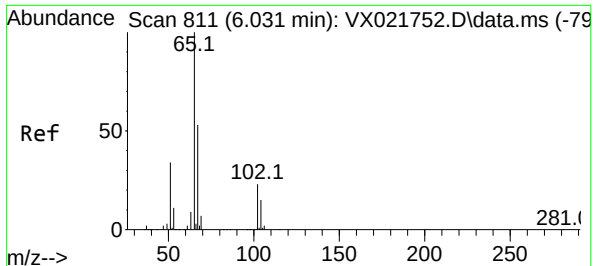
Delta R.T. 0.080 min

Lab File: VX021833.D

Acq: 22 Apr 2021 21:29

Tgt Ion:	56	Resp:	2569
Ion	Ratio	Lower	Upper
56	100		
69	165.4	25.3	37.9#
84	169.6	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 52.29 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX021833.D

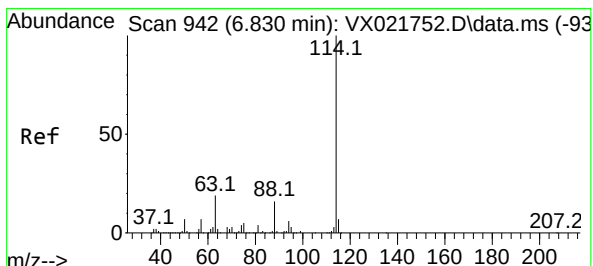
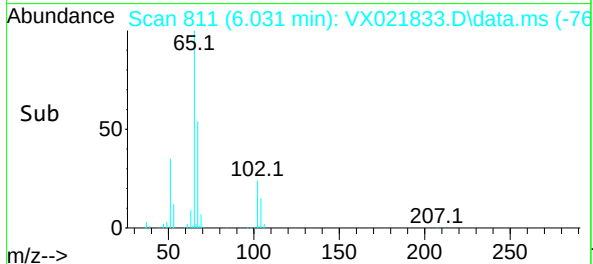
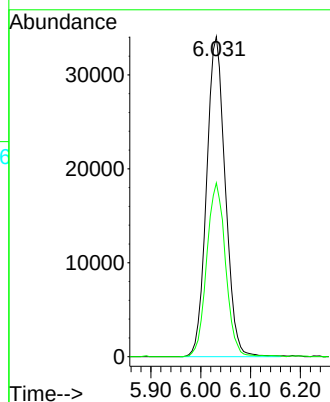
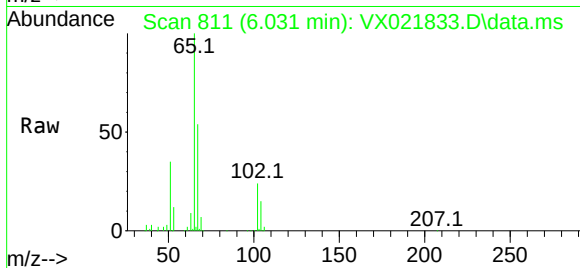
Acq: 22 Apr 2021 21:29

Tgt Ion: 65 Resp: 88596

Ion Ratio Lower Upper

65 100

67 54.6 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: VX021833.D

Acq: 22 Apr 2021 21:29

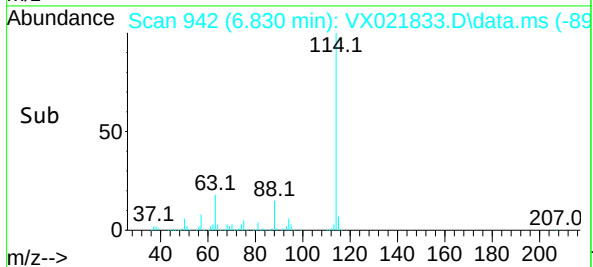
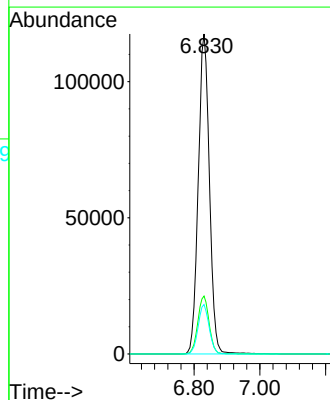
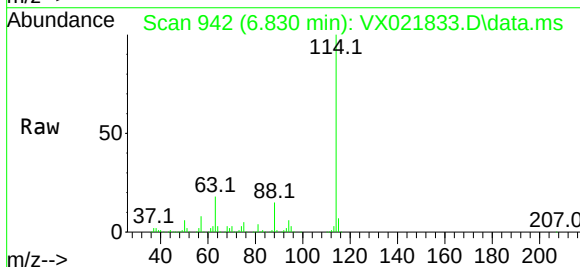
Tgt Ion: 114 Resp: 276076

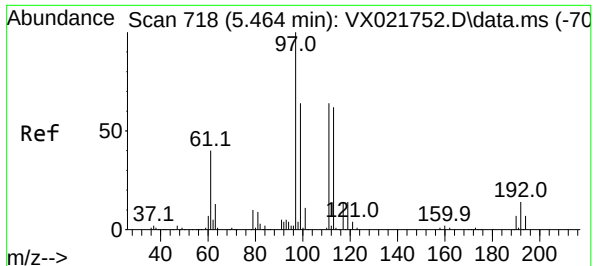
Ion Ratio Lower Upper

114 100

63 18.1 0.0 40.8

88 15.5 0.0 32.8

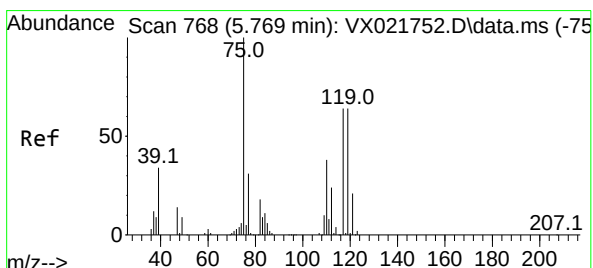
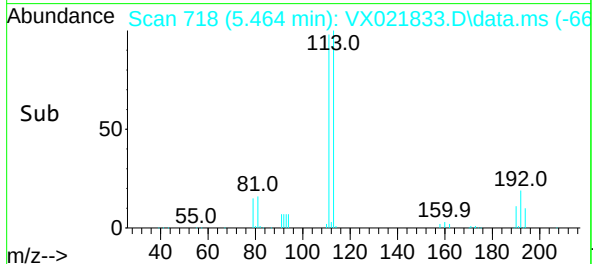
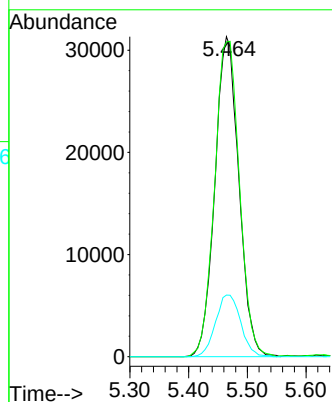
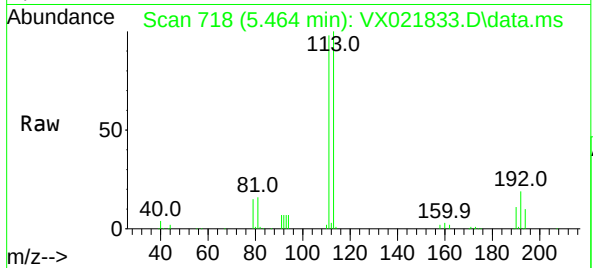




#35
Dibromofluoromethane
Concen: 50.20 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021833.D
Acq: 22 Apr 2021 21:29

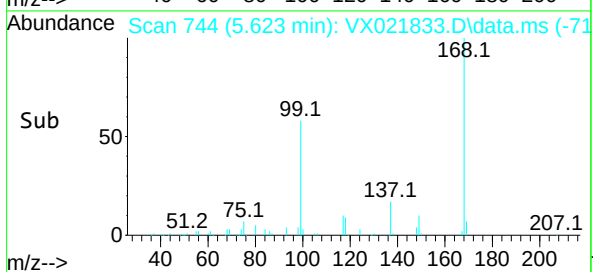
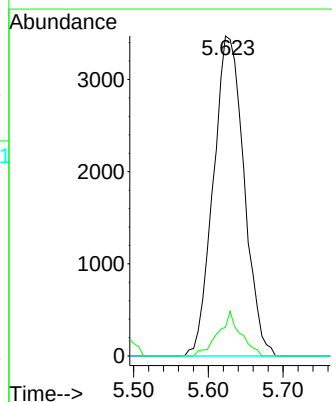
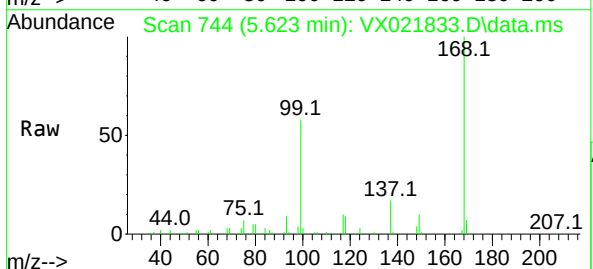
Instrument :
MSVOA_X
ClientSampleId :

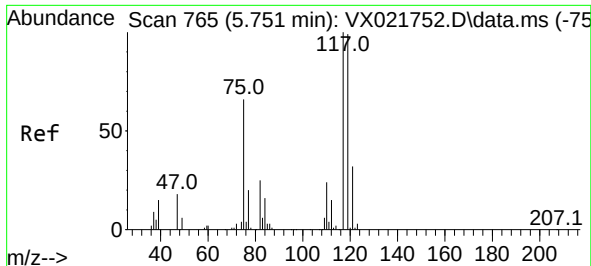
Tgt Ion:113 Resp: 88634
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 20.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.07 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX021833.D
Acq: 22 Apr 2021 21:29

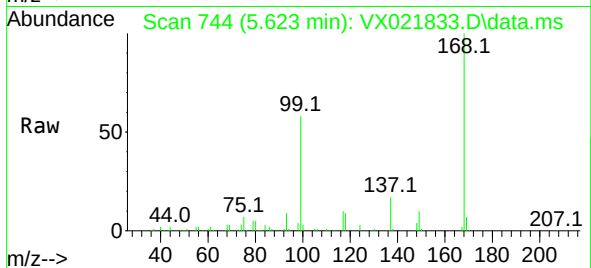
Tgt Ion: 75 Resp: 9914
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.4#
77 0.0 25.3 37.9#



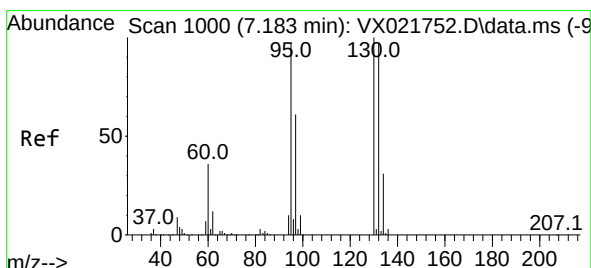
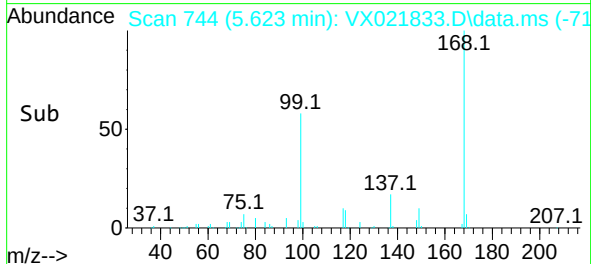
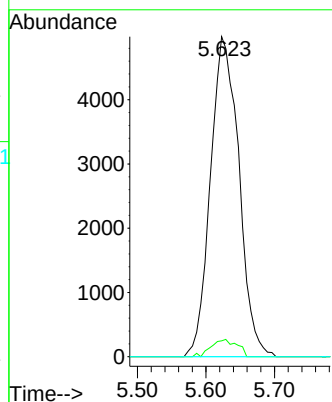


#38
Carbon Tetrachloride
Concen: 5.39 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX021833.D
Acq: 22 Apr 2021 21:29

Instrument :
MSVOA_X
ClientSampleId :

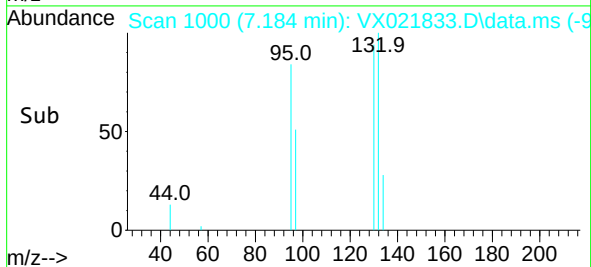
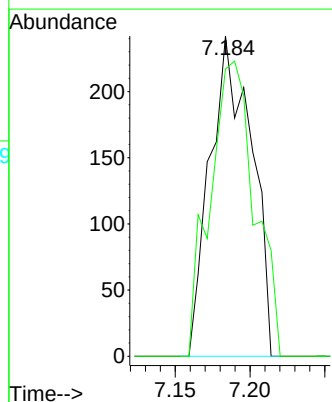
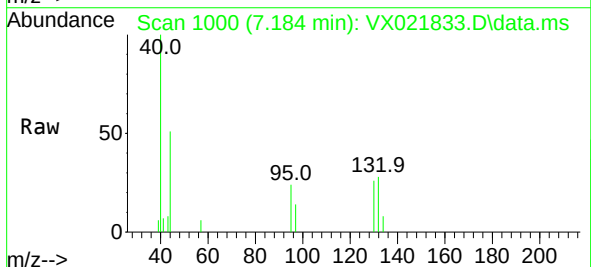


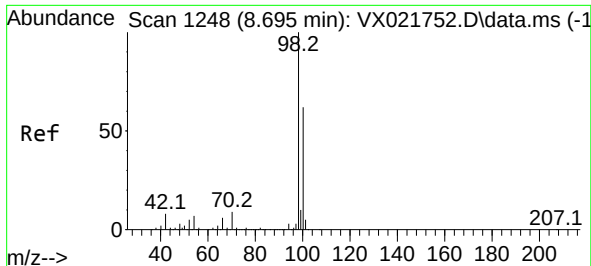
Tgt Ion:117 Resp: 14370
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.22 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. 0.001 min
Lab File: VX021833.D
Acq: 22 Apr 2021 21:29

Tgt Ion:130 Resp: 466
Ion Ratio Lower Upper
130 100
95 89.7 0.0 198.0

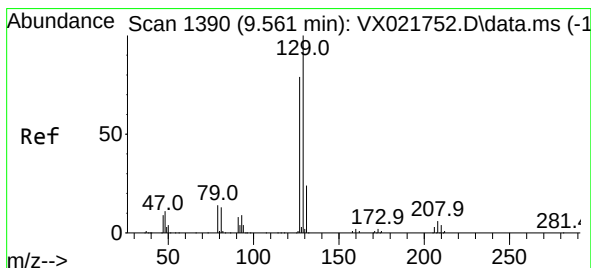
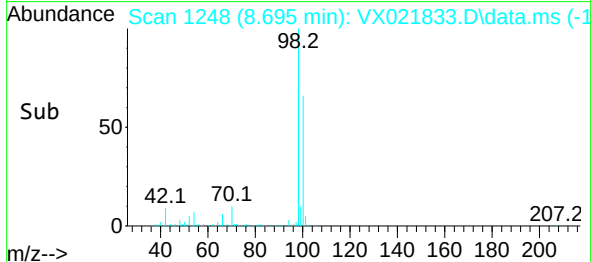
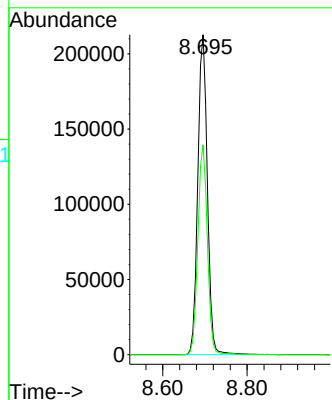
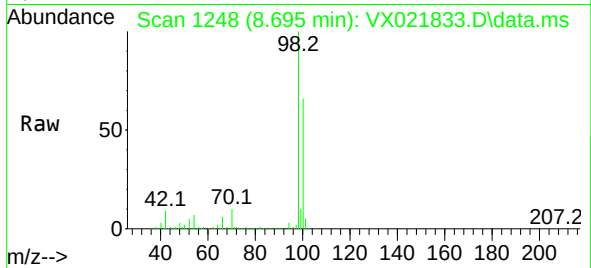




#50
Toluene-d8
Concen: 49.55 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021833.D
Acq: 22 Apr 2021 21:29

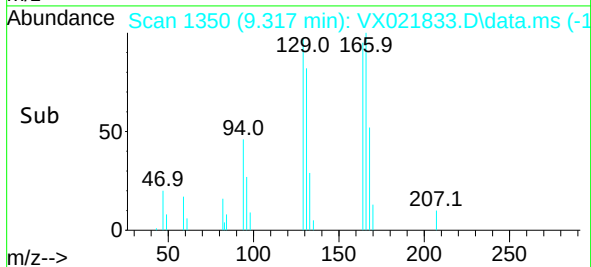
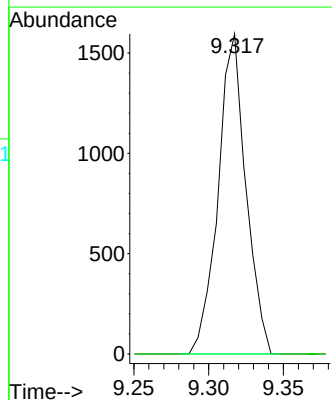
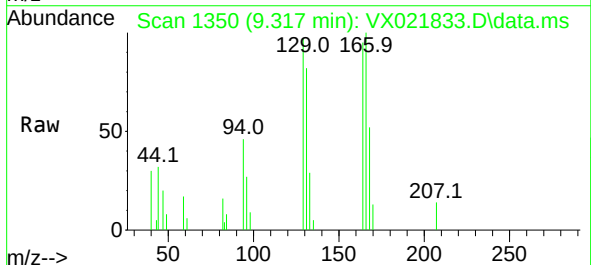
Instrument :
MSVOA_X
ClientSampleId :

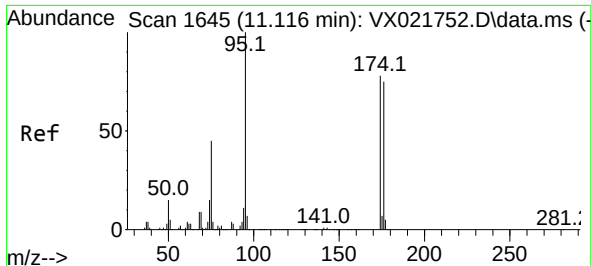
Tgt Ion: 98 Resp: 336334
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



#60
Dibromochloromethane
Concen: 0.88 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX021833.D
Acq: 22 Apr 2021 21:29

Tgt Ion: 129 Resp: 2061
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

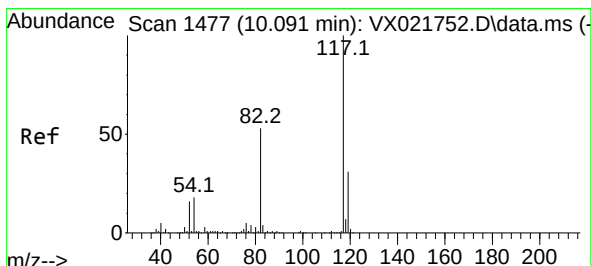
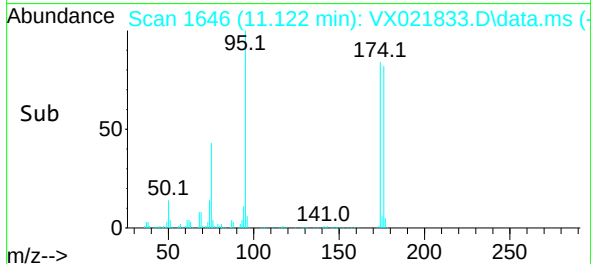
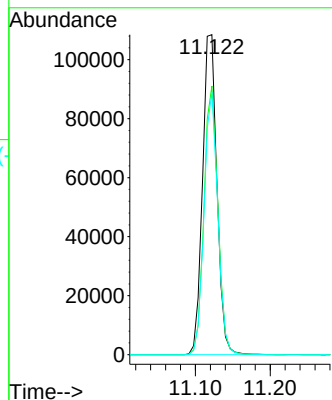
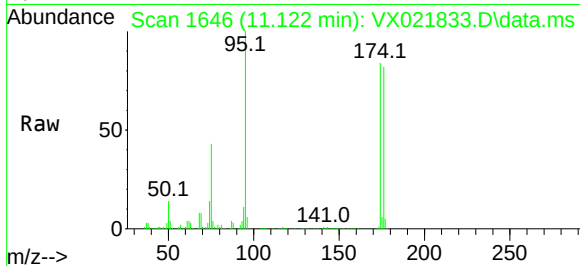




#62
4-Bromofluorobenzene
Concen: 57.24 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX021833.D
Acq: 22 Apr 2021 21:29

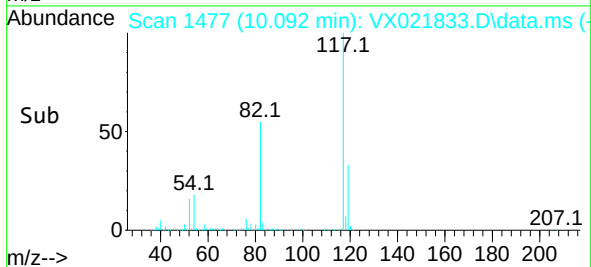
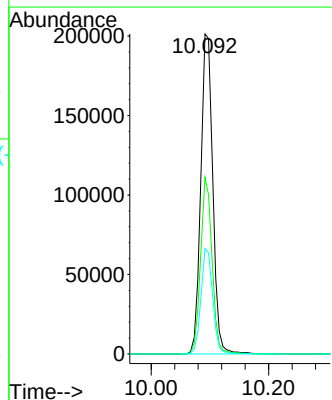
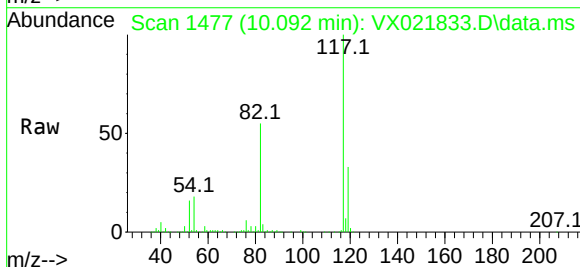
Instrument :
MSVOA_X
ClientSampled :

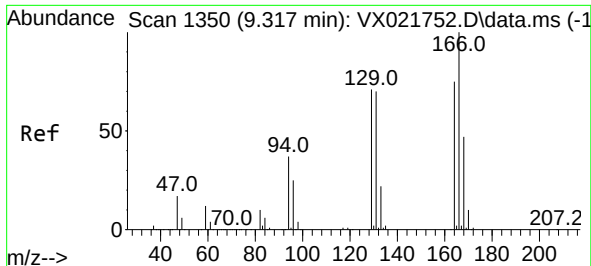
Tgt Ion: 95 Resp: 145116
Ion Ratio Lower Upper
95 100
174 81.0 0.0 154.6
176 78.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021833.D
Acq: 22 Apr 2021 21:29

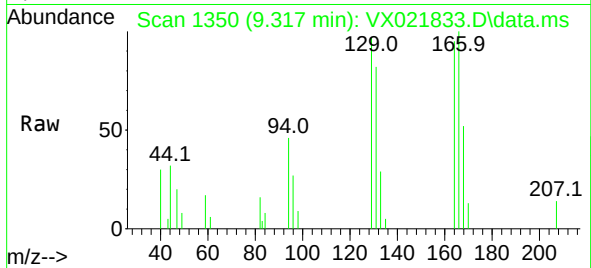
Tgt Ion: 117 Resp: 286511
Ion Ratio Lower Upper
117 100
82 55.3 47.4 71.2
119 32.9 26.6 39.8





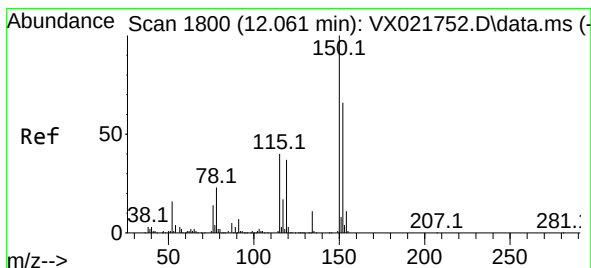
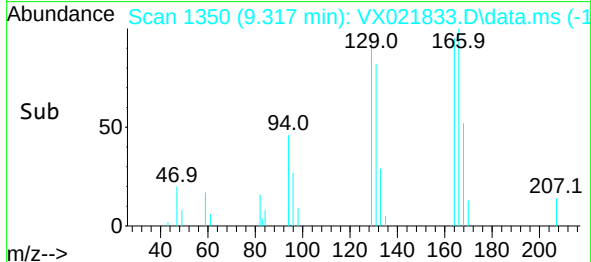
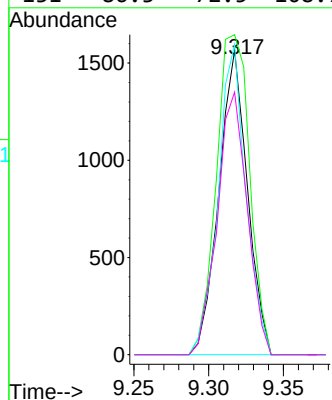
#64
Tetrachloroethene
Concen: 0.93 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX021833.D
Acq: 22 Apr 2021 21:29

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion:164 Resp: 2079

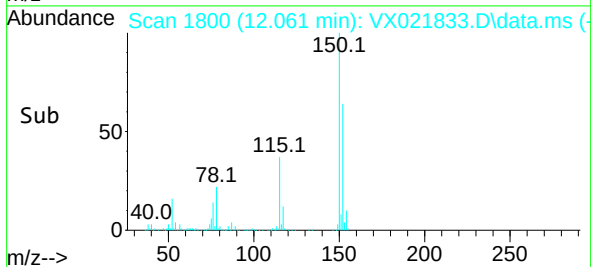
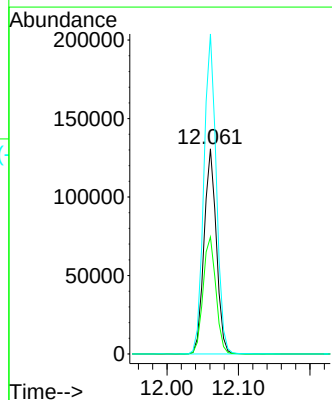
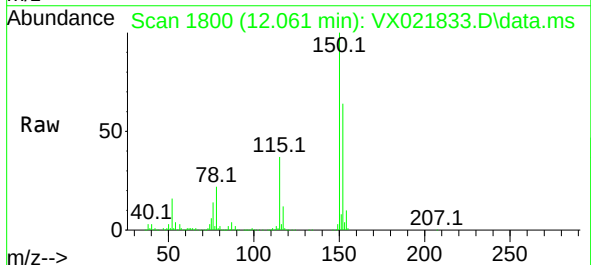
Ion	Ratio	Lower	Upper
164	100		
166	105.1	103.4	155.2
129	101.9	70.8	106.2
131	86.3	72.5	108.7

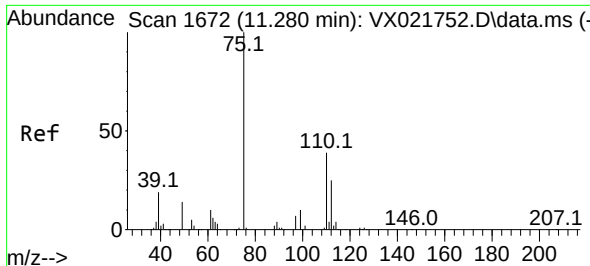


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021833.D
Acq: 22 Apr 2021 21:29

Tgt Ion:152 Resp: 156260

Ion	Ratio	Lower	Upper
152	100		
115	59.2	41.1	123.3
150	157.9	0.0	349.0

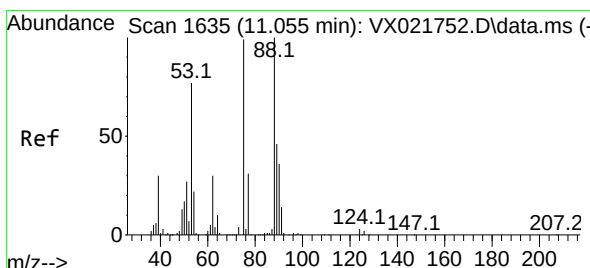
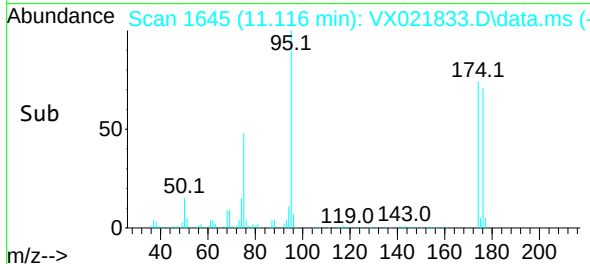
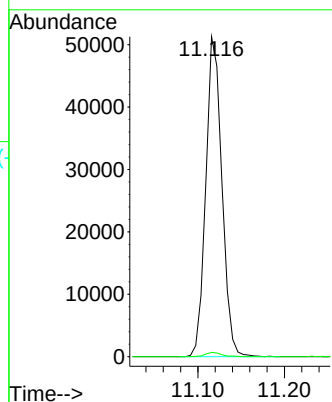
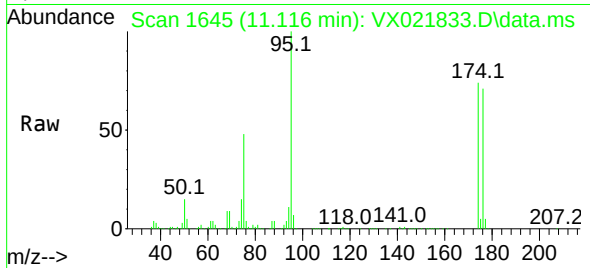




#76
1,2,3-Trichloropropane
Concen: 21.41 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX021833.D
Acq: 22 Apr 2021 21:29

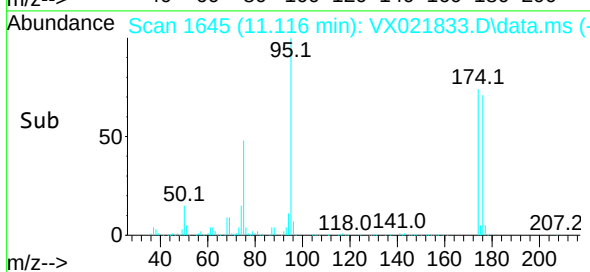
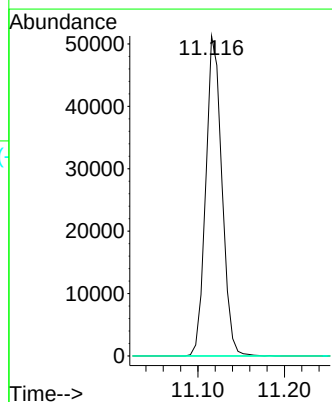
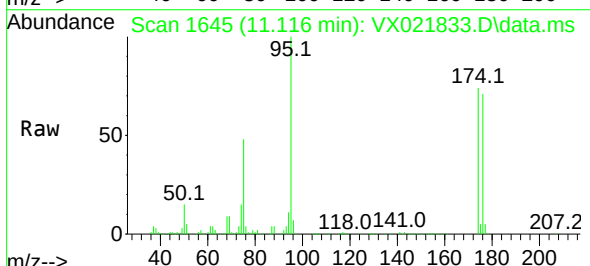
Instrument :
MSVOA_X
ClientSampleId :

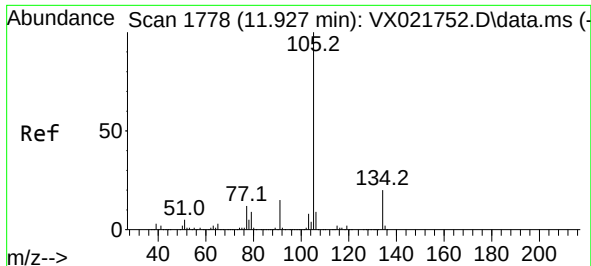
Tgt Ion: 75 Resp: 66328
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 49.22 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021833.D
Acq: 22 Apr 2021 21:29

Tgt Ion: 75 Resp: 66328
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

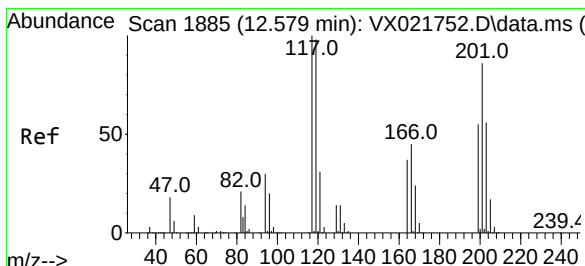
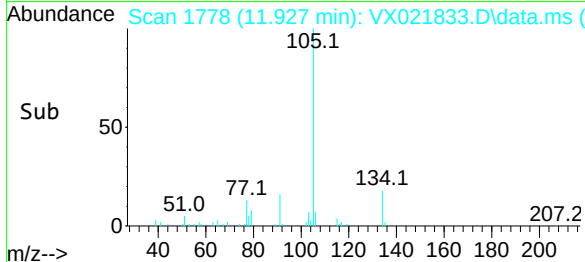
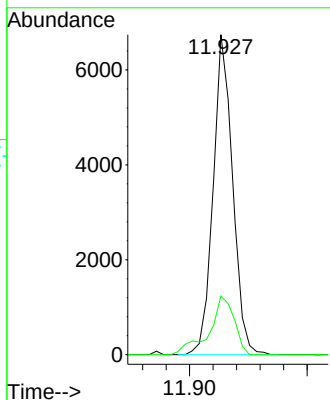
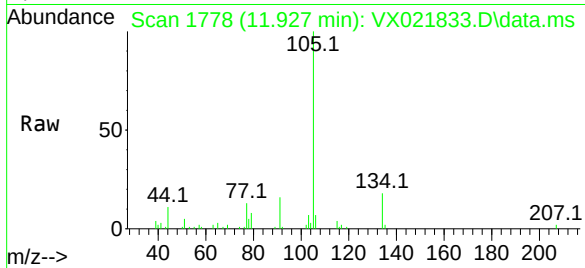




#85
 sec-Butylbenzene
 Concen: 0.73 ug/l
 RT: 11.927 min Scan# 1778
 Delta R.T. -0.000 min
 Lab File: VX021833.D
 Acq: 22 Apr 2021 21:29

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:105 Resp: 7754
 Ion Ratio Lower Upper
 105 100
 134 23.5 10.0 29.8



#90
 Hexachloroethane
 Concen: 0.37 ug/l
 RT: 12.683 min Scan# 1902
 Delta R.T. 0.104 min
 Lab File: VX021833.D
 Acq: 22 Apr 2021 21:29

Tgt Ion:117 Resp: 674
 Ion Ratio Lower Upper
 117 100
 201 0.0 40.4 121.2#

