

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042221\
 Data File : VX021825.D
 Acq On : 22 Apr 2021 18:27
 Operator : JC/MD
 Sample : M2138-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 23 07:45:28 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)

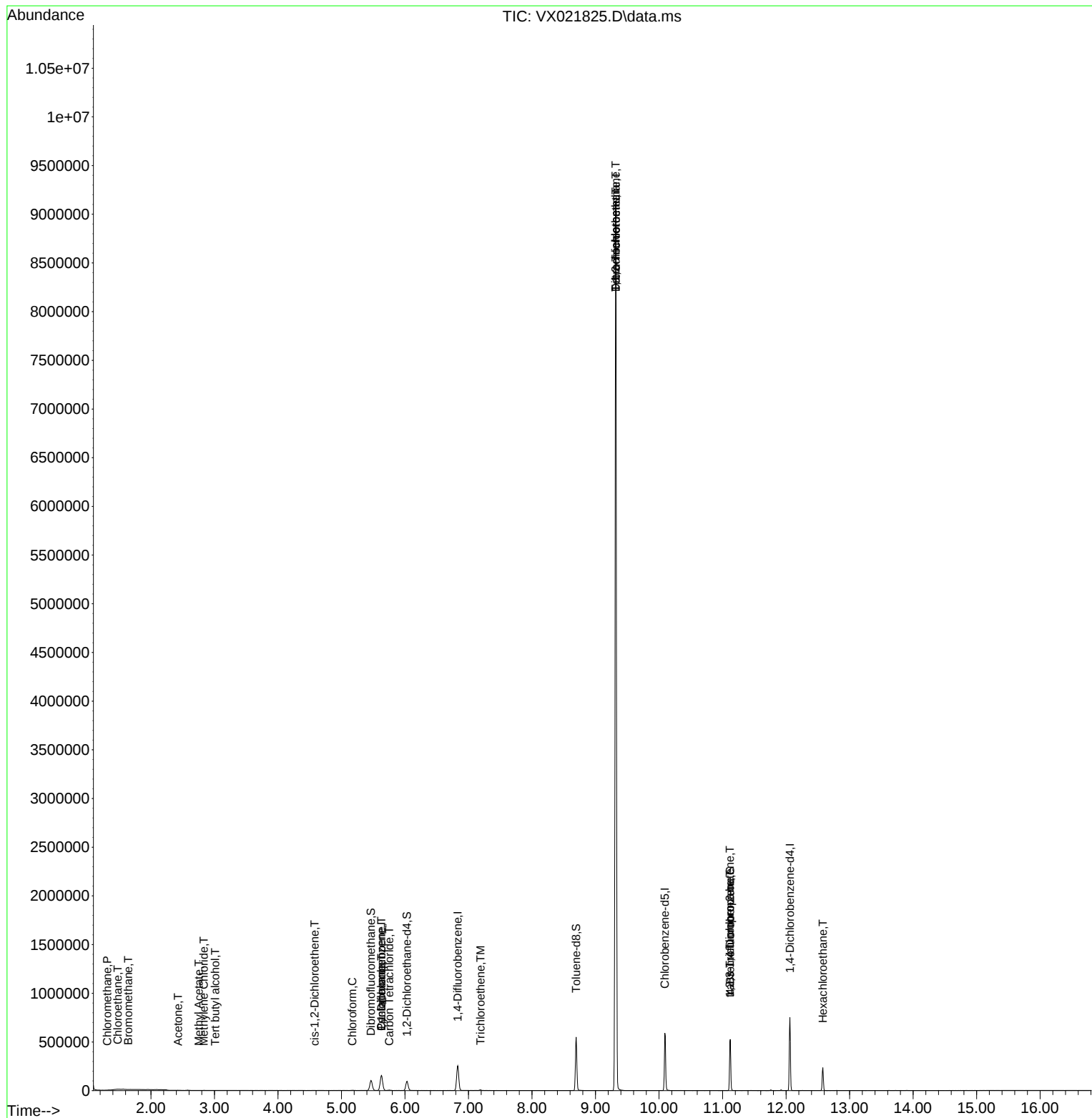
Internal Standards						
1) Pentafluorobenzene	5.629	168	154943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	277307	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.091	117	297292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	162956	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	89416	50.87	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.74%
35) Dibromofluoromethane	5.464	113	90216	50.87	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.74%
50) Toluene-d8	8.695	98	340963	50.00	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.00%
62) 4-Bromofluorobenzene	11.122	95	149393	58.67	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.34%
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	749	0.68	ug/l #	59
5) Bromomethane	1.642	94	185	0.24	ug/l	96
6) Chloroethane	1.477	64	17718	15.78	ug/l #	54
11) Tert butyl alcohol	3.013	59	217	0.56	ug/l #	45
16) Acetone	2.428	43	1647	2.73	ug/l	93
18) Methyl Acetate	2.751	43	363	0.22	ug/l #	70
20) Methylene Chloride	2.831	84	398	0.22	ug/l #	85
27) cis-1,2-Dichloroethene	4.574	96	499	0.27	ug/l	59
30) Chloroform	5.172	83	2250	0.76	ug/l	99
31) Cyclohexane	5.629	56	2871	1.16	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	10310	4.21	ug/l #	49
38) Carbon Tetrachloride	5.751	117	3783	1.41	ug/l	86
44) Trichloroethene	7.190	130	2695	1.26	ug/l	81
55) 1,1,2-Trichloroethane	9.317	97	14471	7.44	ug/l #	1
60) Dibromochloromethane	9.317	129	1796043	760.62	ug/l #	11
64) Tetrachloroethene	9.317	164	1852459	796.91	ug/l	94
76) 1,2,3-Trichloropropane	11.116	75	68754	21.28	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.116	75	68754	48.93	ug/l #	12
90) Hexachloroethane	12.579	117	39539	20.60	ug/l	97

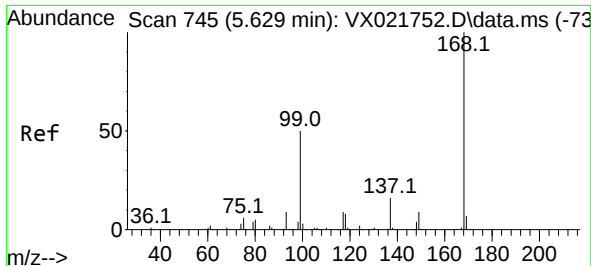
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 23 07:45:28 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

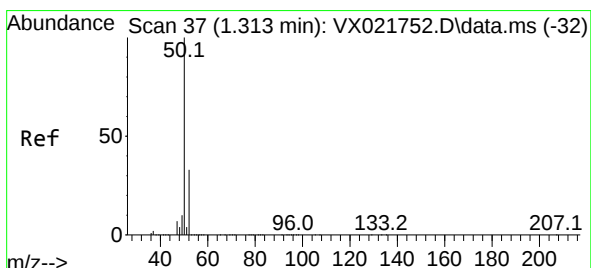
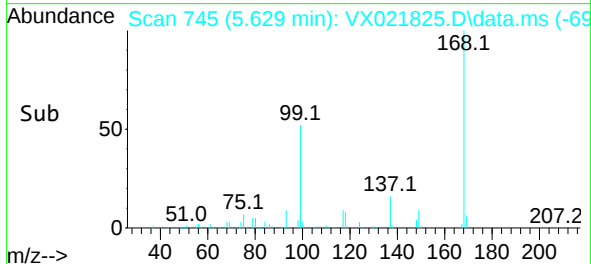
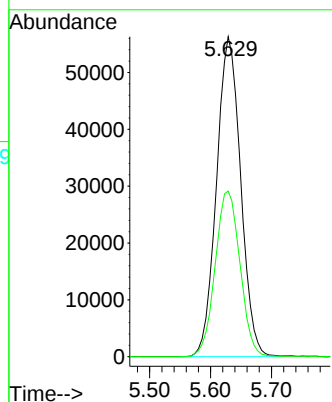
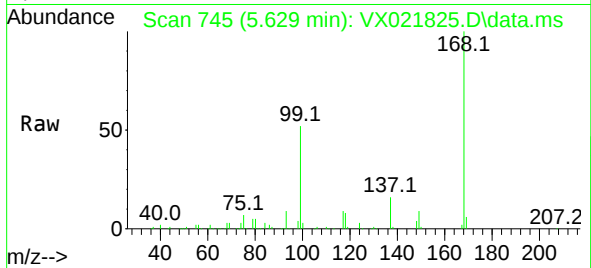




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021825.D
Acq: 22 Apr 2021 18:27

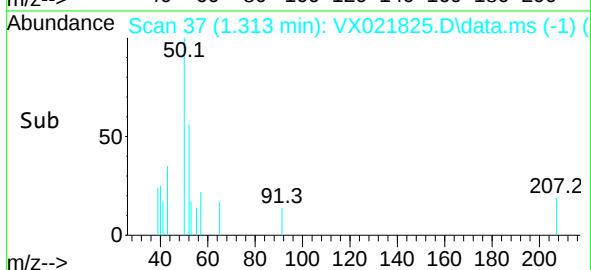
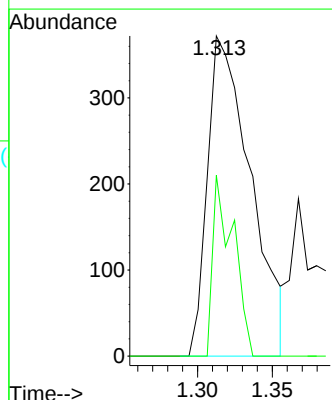
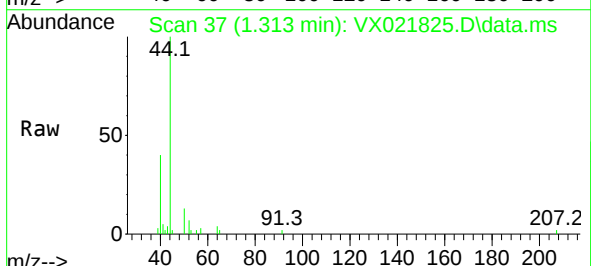
Instrument :
MSVOA_X
ClientSampleId :

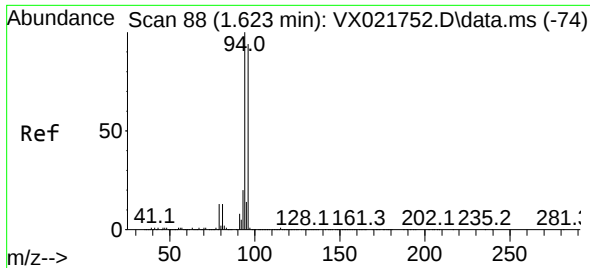
Tgt Ion:168 Resp: 154943
Ion Ratio Lower Upper
168 100
99 51.8 45.8 68.6



#3
Chloromethane
Concen: 0.68 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX021825.D
Acq: 22 Apr 2021 18:27

Tgt Ion: 50 Resp: 749
Ion Ratio Lower Upper
50 100
52 56.5 26.4 39.6#

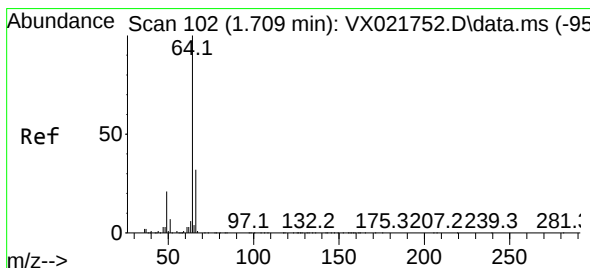
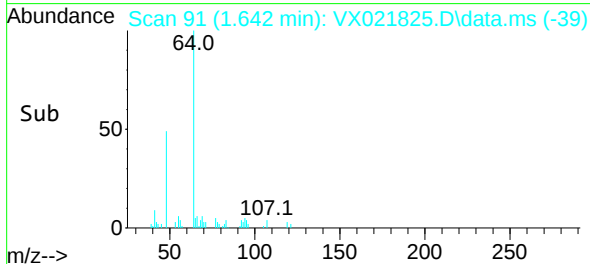
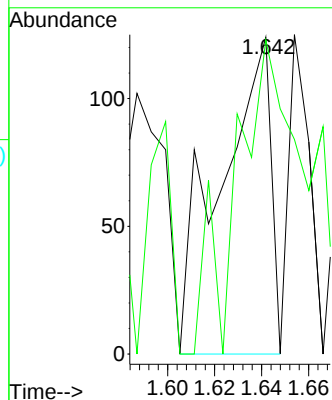
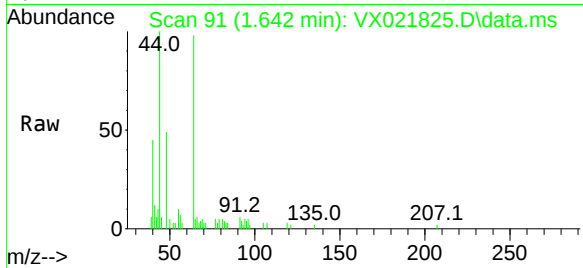




#5
Bromomethane
Concen: 0.24 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.019 min
Lab File: VX021825.D
Acq: 22 Apr 2021 18:27

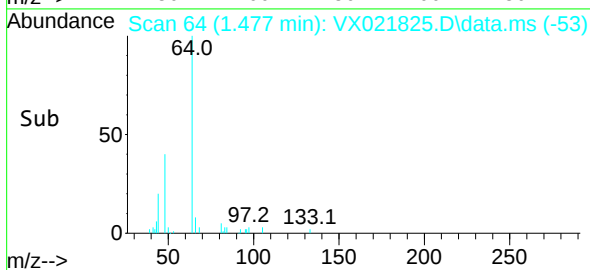
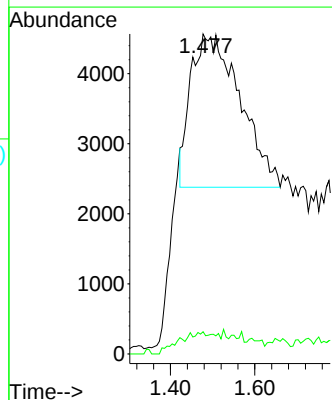
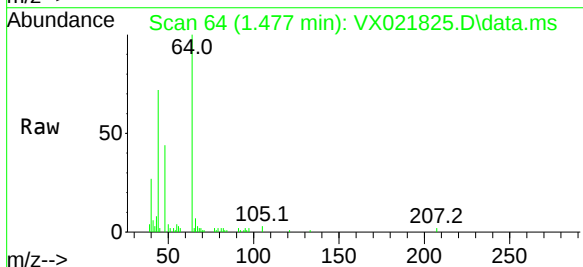
Instrument :
MSVOA_X
ClientSampled :

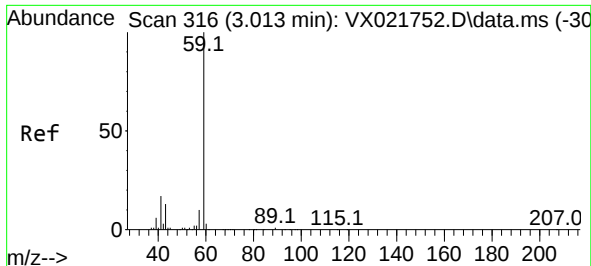
Tgt Ion: 94 Resp: 185
Ion Ratio Lower Upper
94 100
96 99.2 76.4 114.6



#6
Chloroethane
Concen: 15.78 ug/l
RT: 1.477 min Scan# 64
Delta R.T. -0.232 min
Lab File: VX021825.D
Acq: 22 Apr 2021 18:27

Tgt Ion: 64 Resp: 17718
Ion Ratio Lower Upper
64 100
66 6.3 25.4 38.0#



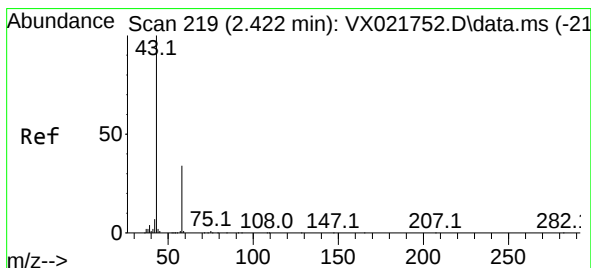
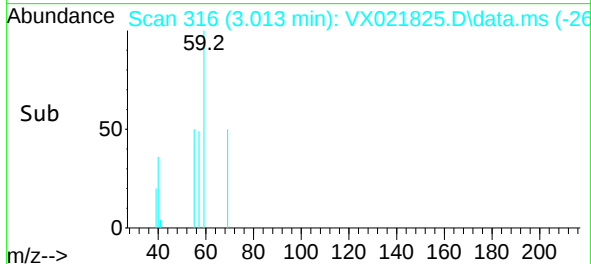
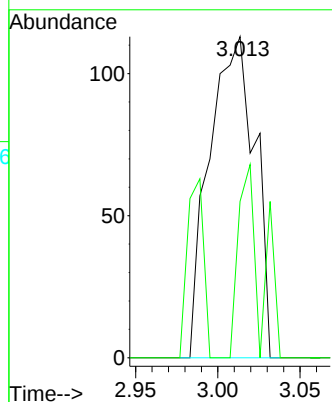
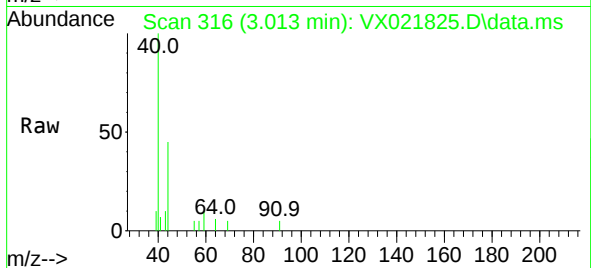


#11

Tert butyl alcohol
Concen: 0.56 ug/l
RT: 3.013 min Scan# 316
Delta R.T. 0.000 min
Lab File: VX021825.D
Acq: 22 Apr 2021 18:27

Instrument :
MSVOA_X
ClientSampled :

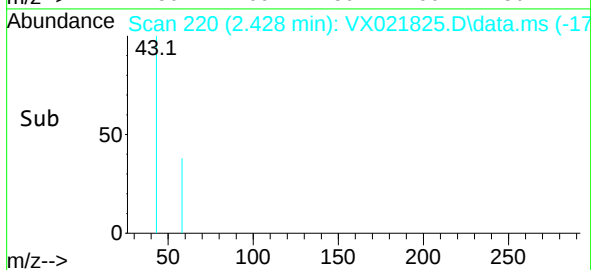
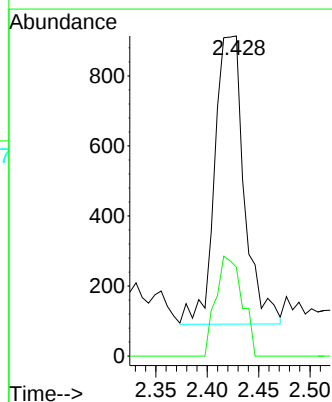
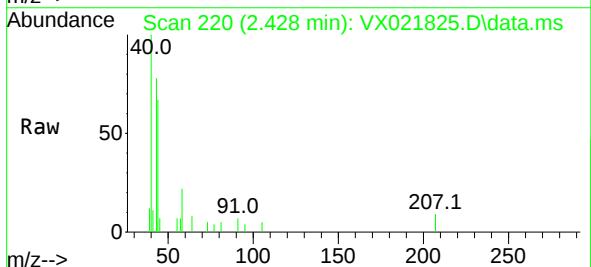
Tgt Ion: 59 Resp: 217
Ion Ratio Lower Upper
59 100
57 30.0 7.8 11.8#

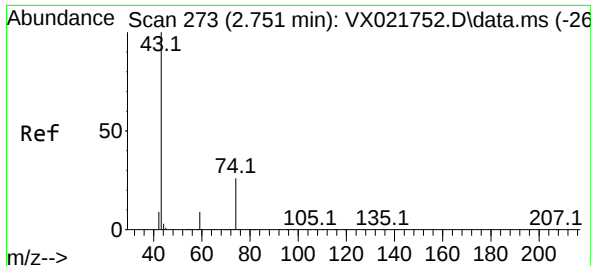


#16

Acetone
Concen: 2.73 ug/l
RT: 2.428 min Scan# 220
Delta R.T. 0.006 min
Lab File: VX021825.D
Acq: 22 Apr 2021 18:27

Tgt Ion: 43 Resp: 1647
Ion Ratio Lower Upper
43 100
58 31.0 27.8 41.8

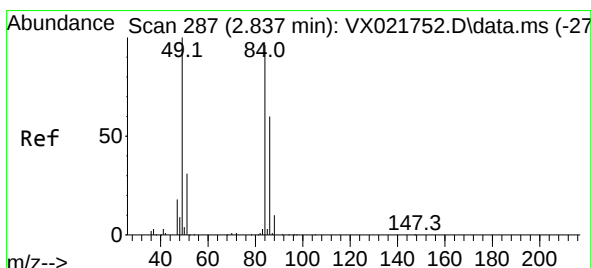
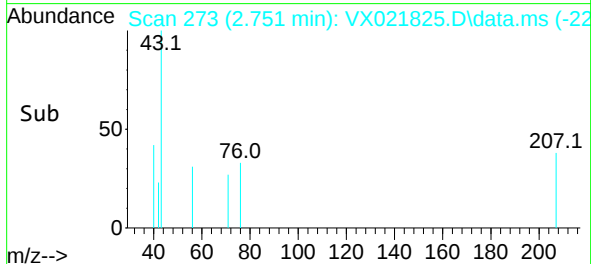
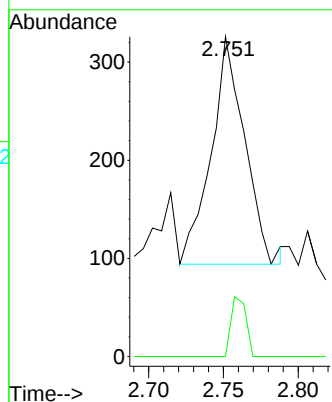
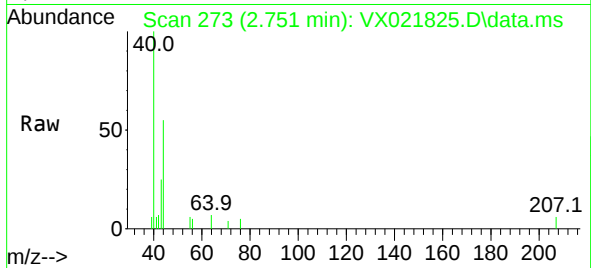




#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.000 min
Lab File: VX021825.D
Acq: 22 Apr 2021 18:27

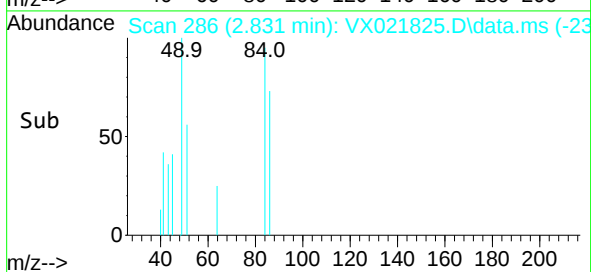
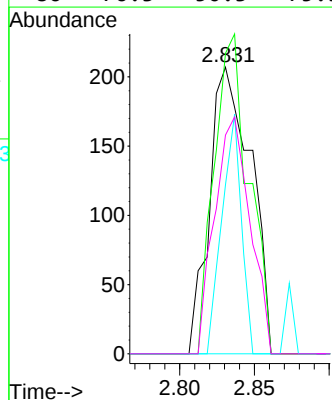
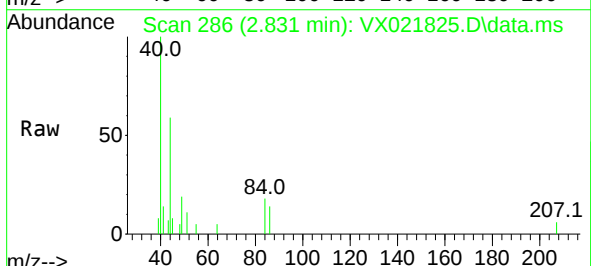
Instrument :
MSVOA_X
ClientSampleId :

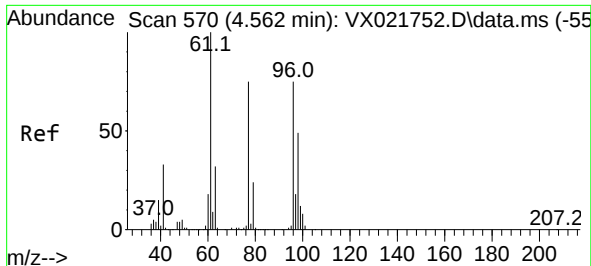
Tgt Ion: 43 Resp: 363
Ion Ratio Lower Upper
43 100
74 11.6 21.9 32.9#



#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.006 min
Lab File: VX021825.D
Acq: 22 Apr 2021 18:27

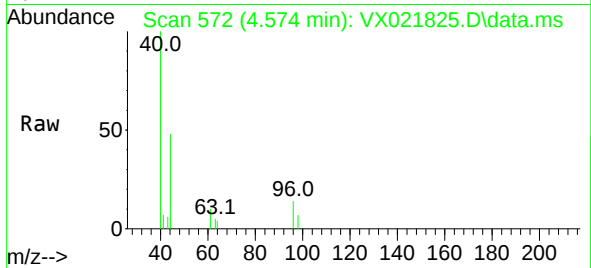
Tgt Ion: 84 Resp: 398
Ion Ratio Lower Upper
84 100
49 104.8 88.6 132.8
51 58.9 27.0 40.6#
86 76.3 50.3 75.5#



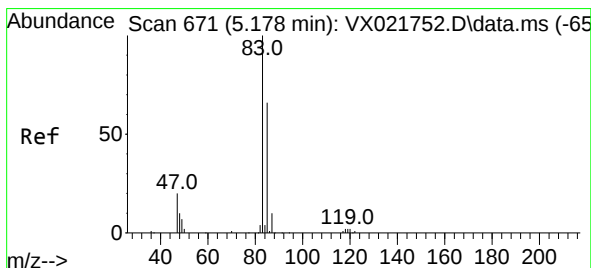
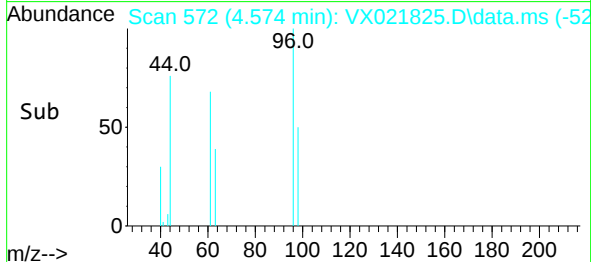
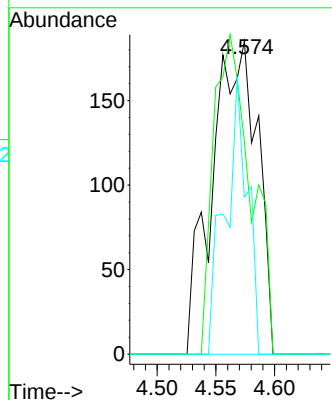


#27
cis-1,2-Dichloroethene
Concen: 0.27 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX021825.D
Acq: 22 Apr 2021 18:27

Instrument :
MSVOA_X
ClientSampleId :

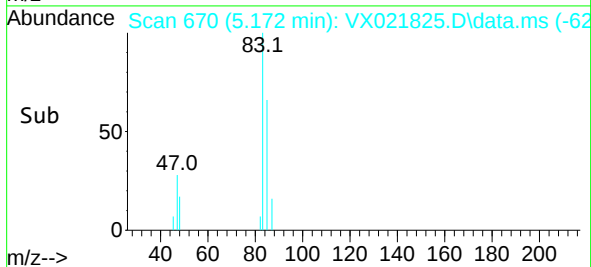
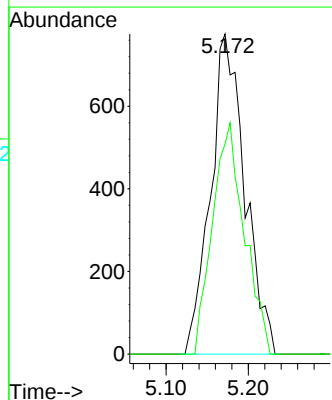
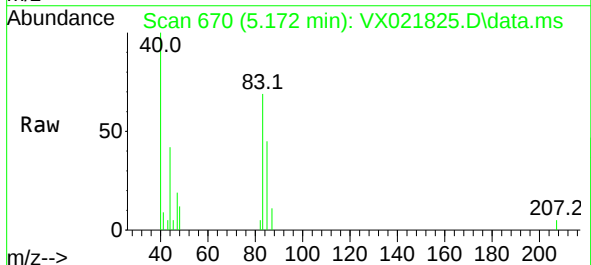


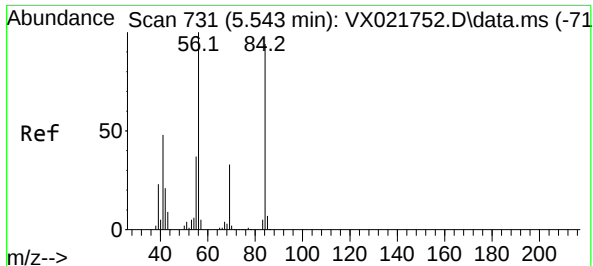
Tgt Ion: 96 Resp: 499
Ion Ratio Lower Upper
96 100
61 83.8 0.0 285.6
98 43.7 0.0 129.6



#30
Chloroform
Concen: 0.76 ug/l
RT: 5.172 min Scan# 670
Delta R.T. -0.006 min
Lab File: VX021825.D
Acq: 22 Apr 2021 18:27

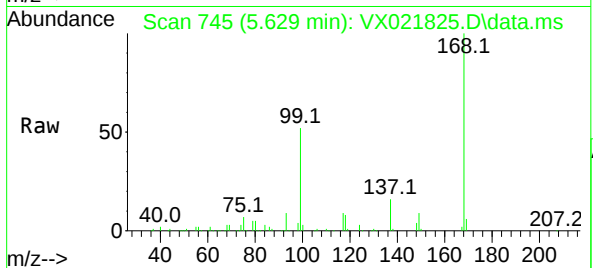
Tgt Ion: 83 Resp: 2250
Ion Ratio Lower Upper
83 100
85 65.5 52.0 78.0



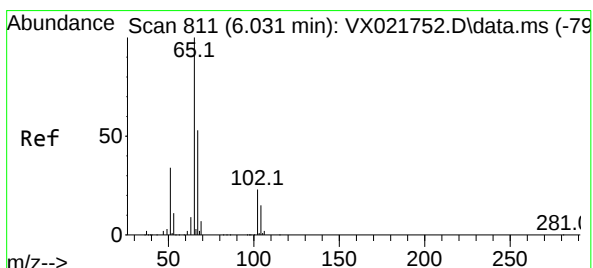
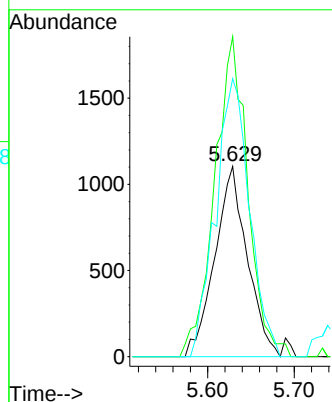
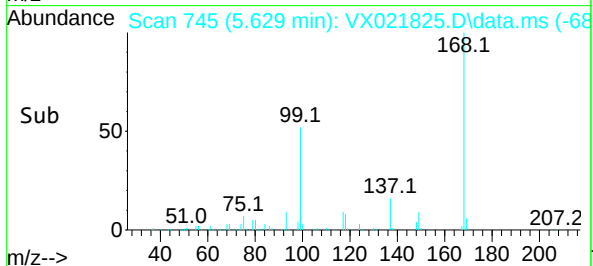


#31
Cyclohexane
Concen: 1.16 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.086 min
Lab File: VX021825.D
Acq: 22 Apr 2021 18:27

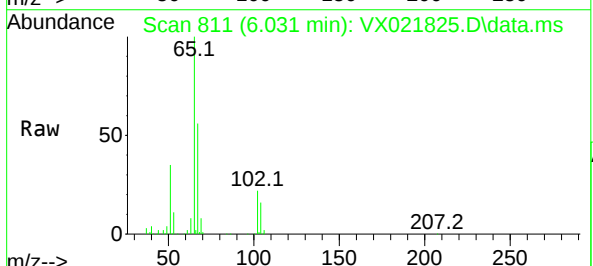
Instrument :
MSVOA_X
ClientSampled :



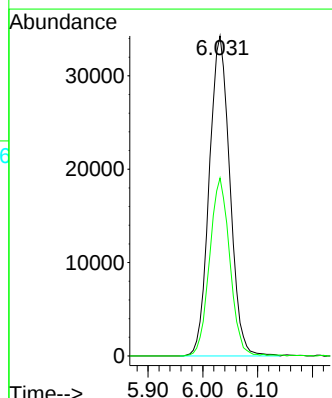
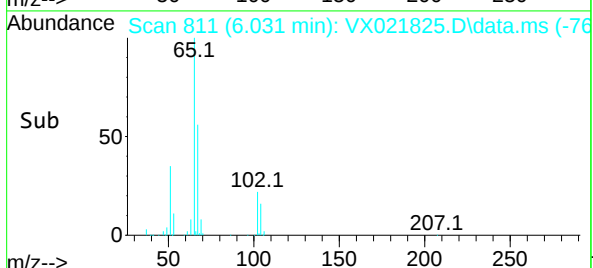
Tgt Ion: 56 Resp: 2871
Ion Ratio Lower Upper
56 100
69 168.2 25.3 37.9#
84 146.2 71.4 107.0#

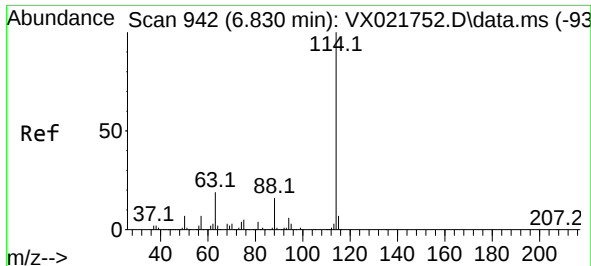


#33
1,2-Dichloroethane-d4
Concen: 50.87 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021825.D
Acq: 22 Apr 2021 18:27



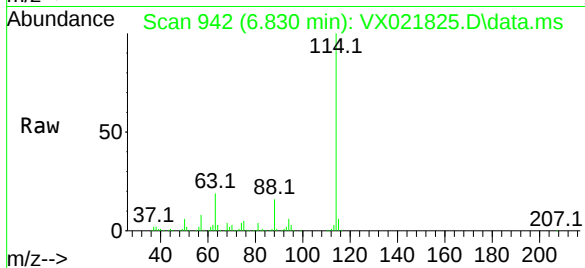
Tgt Ion: 65 Resp: 89416
Ion Ratio Lower Upper
65 100
67 54.5 0.0 105.4



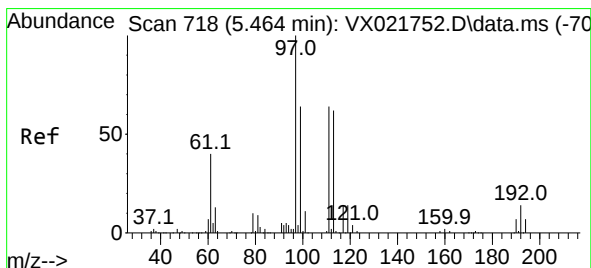
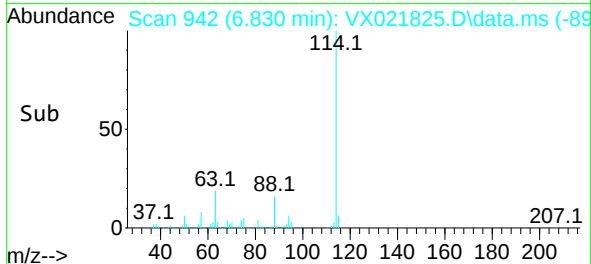
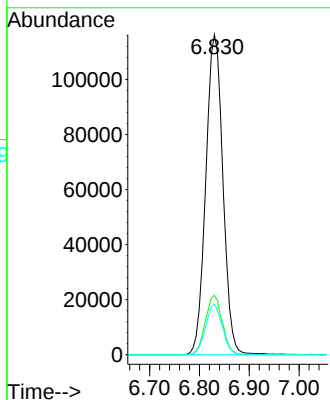


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX021825.D
Acq: 22 Apr 2021 18:27

Instrument :
MSVOA_X
ClientSampleId :

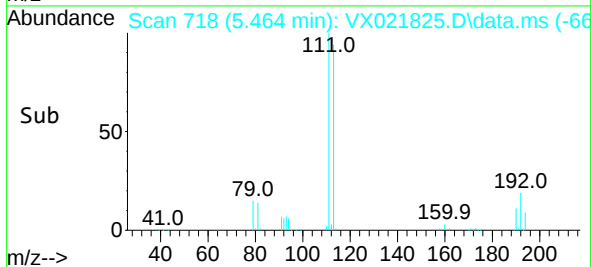
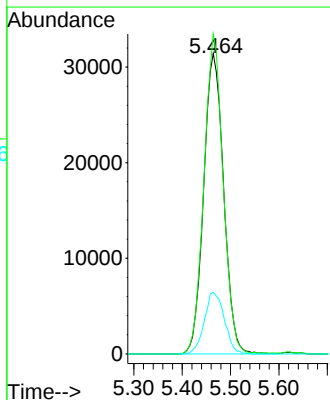
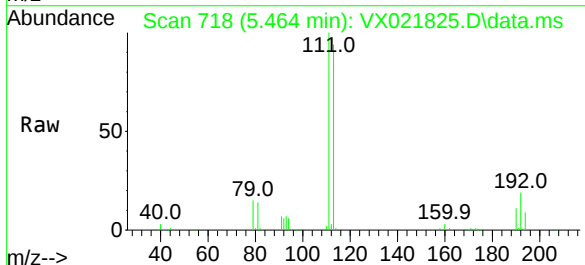


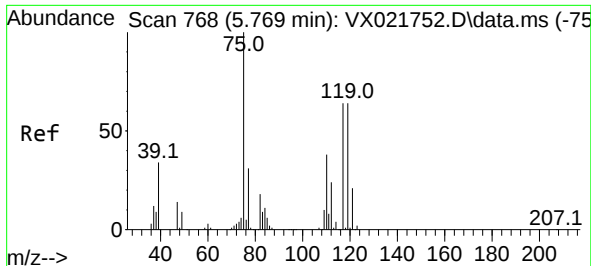
Tgt Ion:114 Resp: 277307
Ion Ratio Lower Upper
114 100
63 18.5 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.87 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021825.D
Acq: 22 Apr 2021 18:27

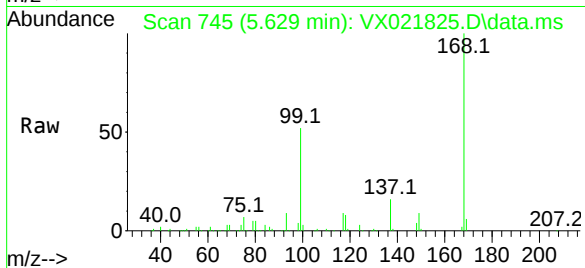
Tgt Ion:113 Resp: 90216
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 20.5 16.7 25.1



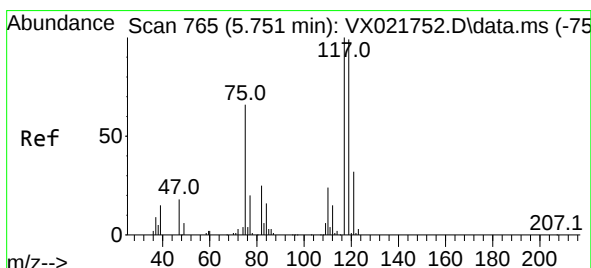
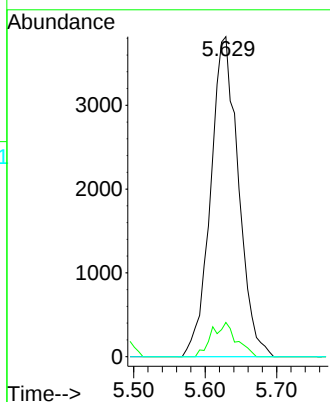
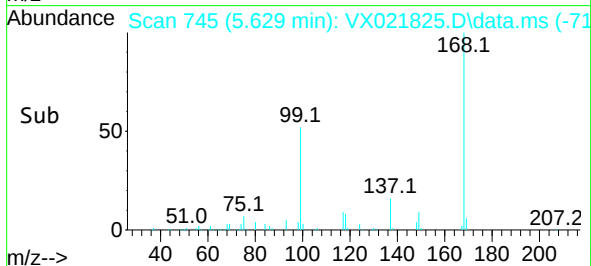


#36
1,1-Dichloropropene
Concen: 4.21 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021825.D
Acq: 22 Apr 2021 18:27

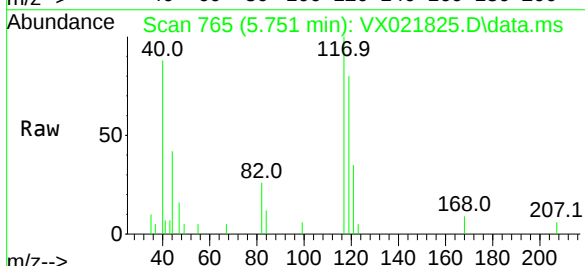
Instrument :
MSVOA_X
ClientSampleId :



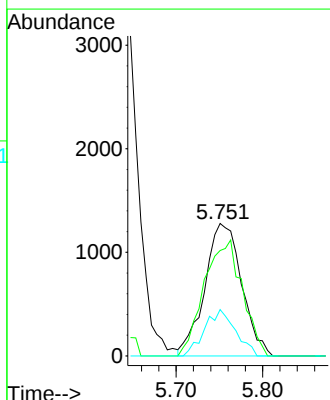
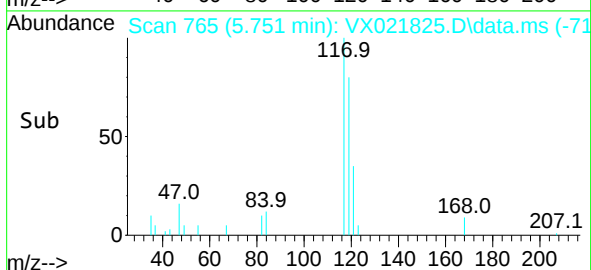
Tgt Ion: 75 Resp: 10310
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.0 25.3 37.9#

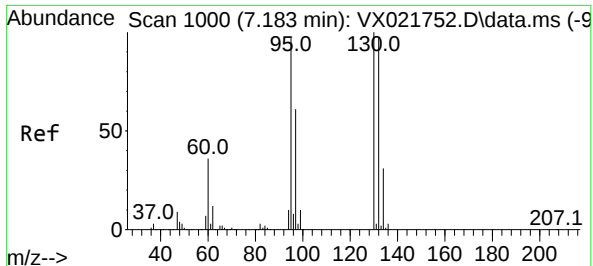


#38
Carbon Tetrachloride
Concen: 1.41 ug/l
RT: 5.751 min Scan# 765
Delta R.T. -0.000 min
Lab File: VX021825.D
Acq: 22 Apr 2021 18:27



Tgt Ion: 117 Resp: 3783
Ion Ratio Lower Upper
117 100
119 79.6 76.2 114.2
121 35.0 24.8 37.2

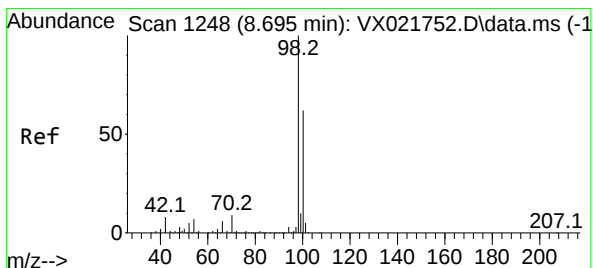
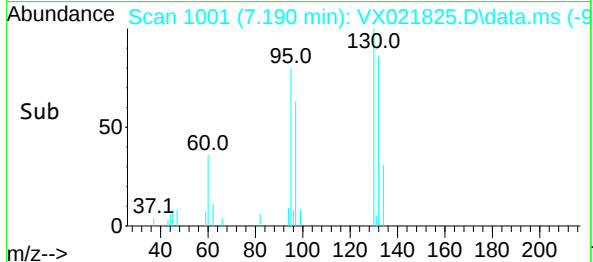
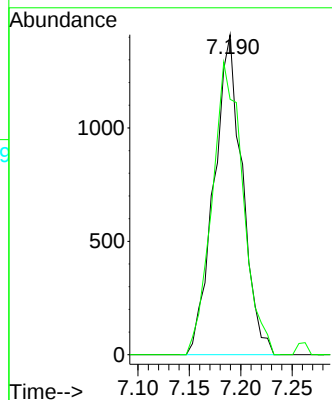
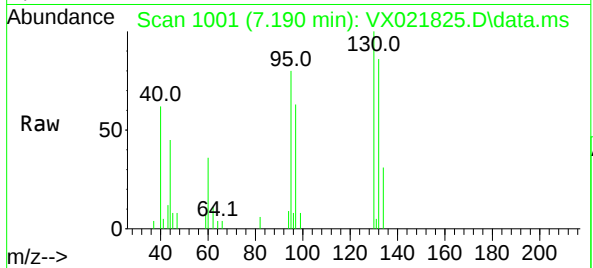




#44
Trichloroethene
Concen: 1.26 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.007 min
Lab File: VX021825.D
Acq: 22 Apr 2021 18:27

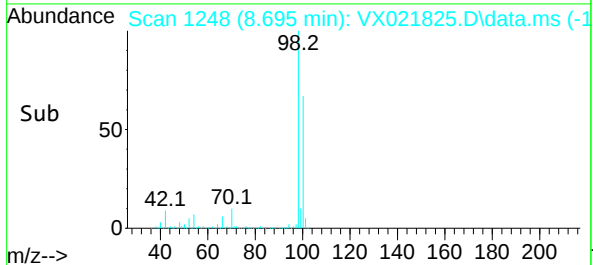
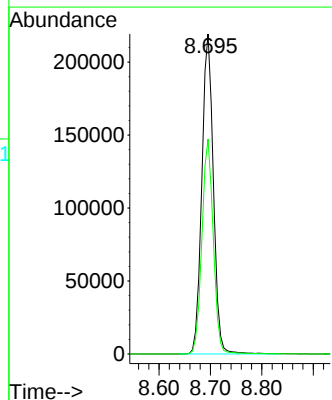
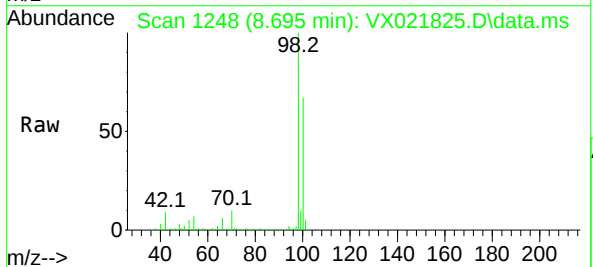
Instrument :
MSVOA_X
ClientSampleId :

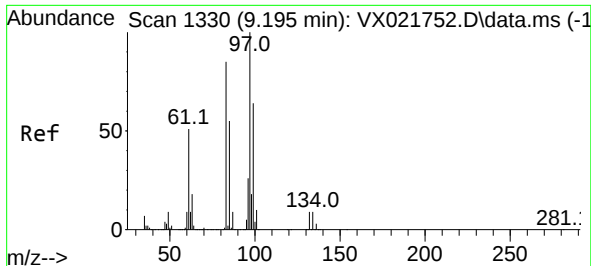
Tgt Ion:130 Resp: 2695
Ion Ratio Lower Upper
130 100
95 79.8 0.0 198.0



#50
Toluene-d8
Concen: 50.00 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021825.D
Acq: 22 Apr 2021 18:27

Tgt Ion: 98 Resp: 340963
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9

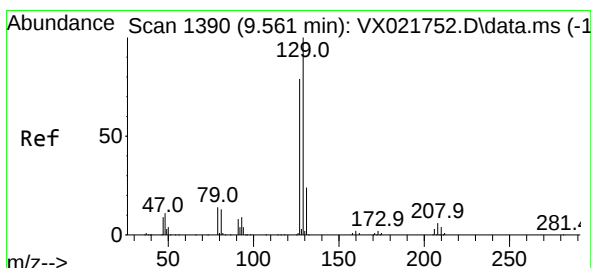
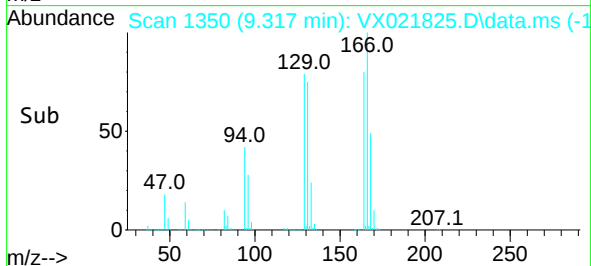
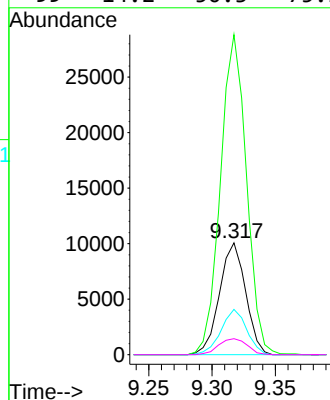
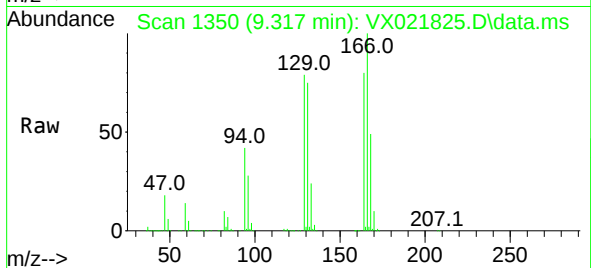




#55
1,1,2-Trichloroethane
Concen: 7.44 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.122 min
Lab File: VX021825.D
Acq: 22 Apr 2021 18:27

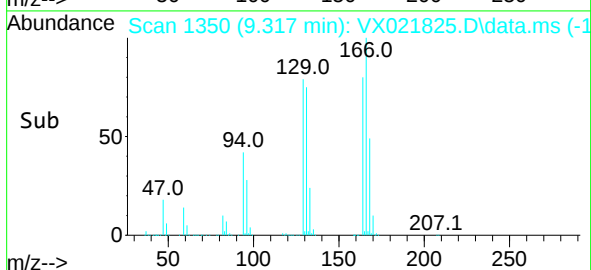
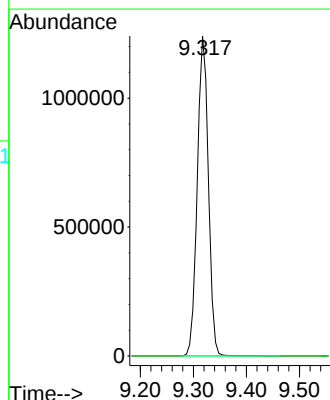
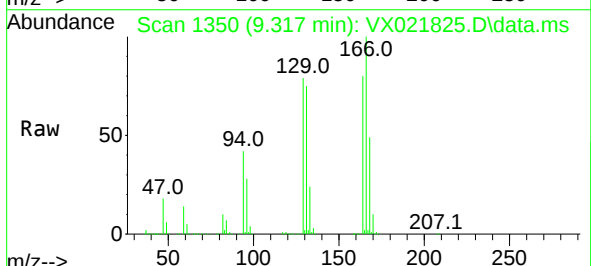
Instrument :
MSVOA_X
ClientSampleId :

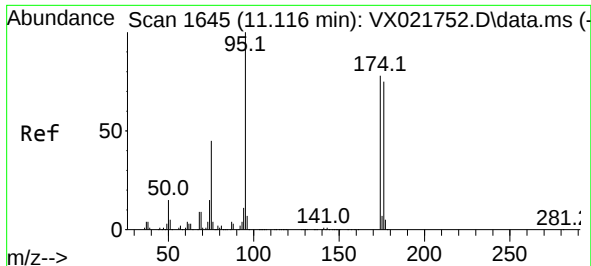
Tgt Ion: 97	Resp: 14471
Ion Ratio	Lower Upper
97 100	
83 286.0	69.3 103.9#
85 40.4	44.3 66.5#
99 14.2	50.3 75.5#



#60
Dibromochloromethane
Concen: 760.62 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX021825.D
Acq: 22 Apr 2021 18:27

Tgt Ion: 129	Resp: 1796043
Ion Ratio	Lower Upper
129 100	
127 0.0	38.4 115.2#

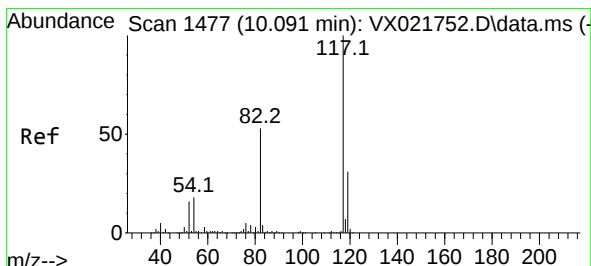
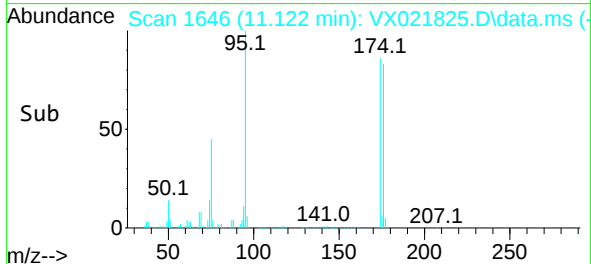
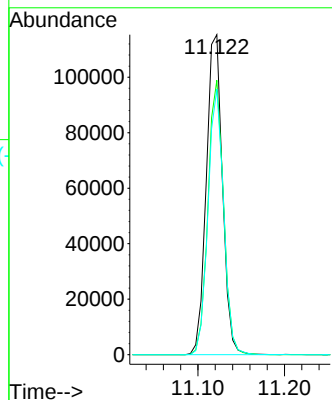
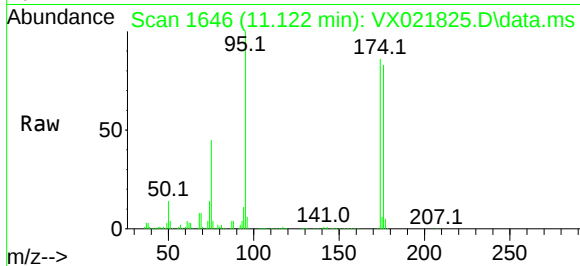




#62
4-Bromofluorobenzene
Concen: 58.67 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX021825.D
Acq: 22 Apr 2021 18:27

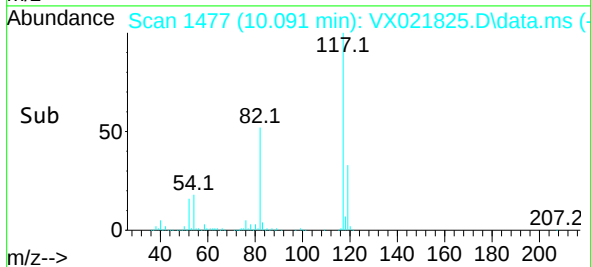
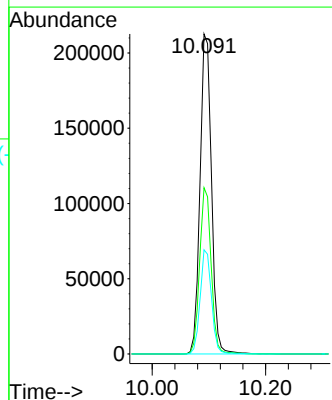
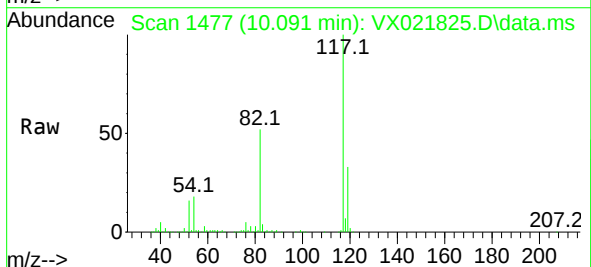
Instrument :
MSVOA_X
ClientSampleId :

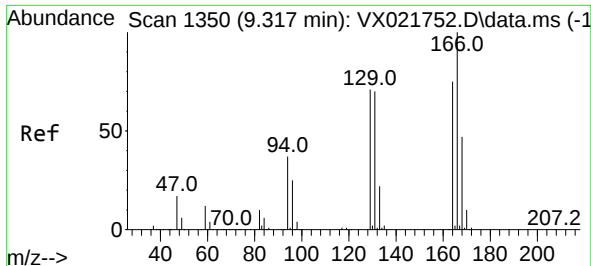
Tgt Ion: 95 Resp: 149393
Ion Ratio Lower Upper
95 100
174 82.6 0.0 154.6
176 80.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.091 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VX021825.D
Acq: 22 Apr 2021 18:27

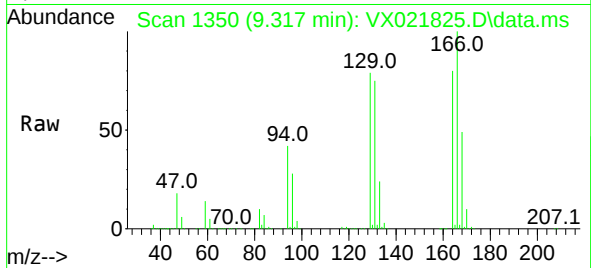
Tgt Ion: 117 Resp: 297292
Ion Ratio Lower Upper
117 100
82 51.9 47.4 71.2
119 32.6 26.6 39.8





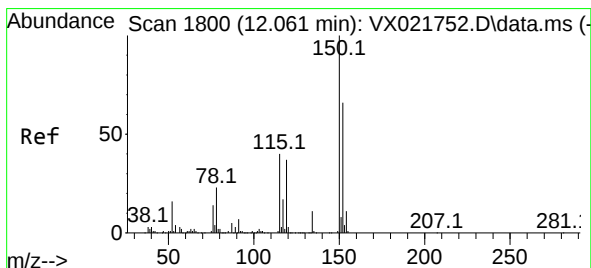
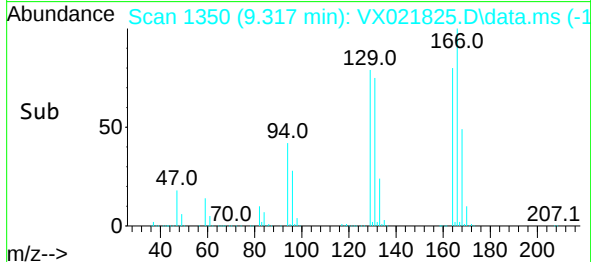
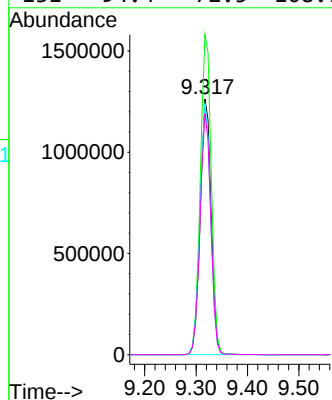
#64
Tetrachloroethene
Concen: 796.91 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX021825.D
Acq: 22 Apr 2021 18:27

Instrument :
MSVOA_X
ClientSampleId :

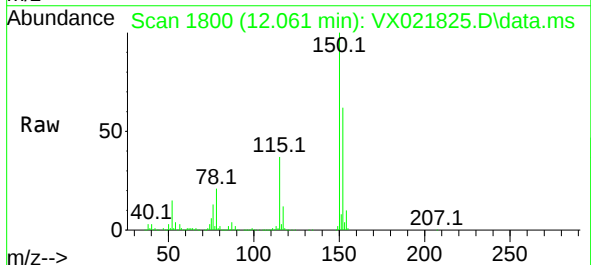


Tgt Ion:164 Resp: 1852459

Ion	Ratio	Lower	Upper
164	100		
166	125.2	103.4	155.2
129	98.3	70.8	106.2
131	94.4	72.5	108.7

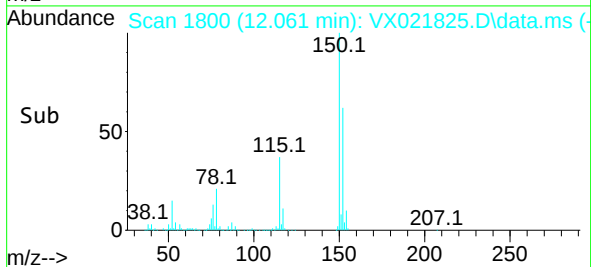
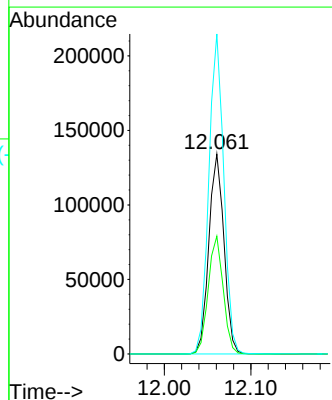


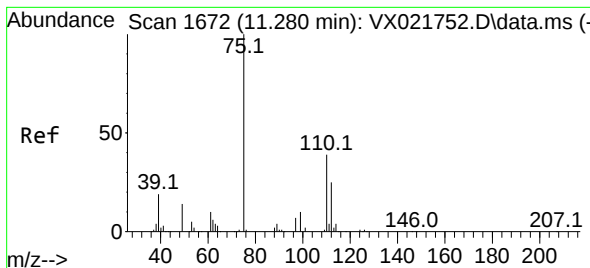
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021825.D
Acq: 22 Apr 2021 18:27



Tgt Ion:152 Resp: 162956

Ion	Ratio	Lower	Upper
152	100		
115	58.3	41.1	123.3
150	157.4	0.0	349.0

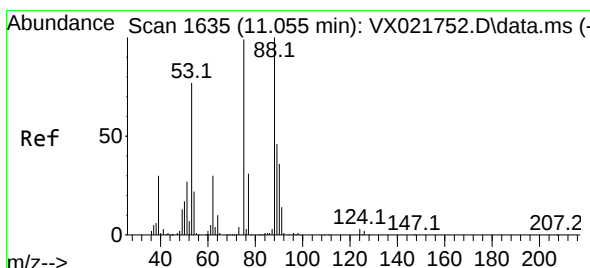
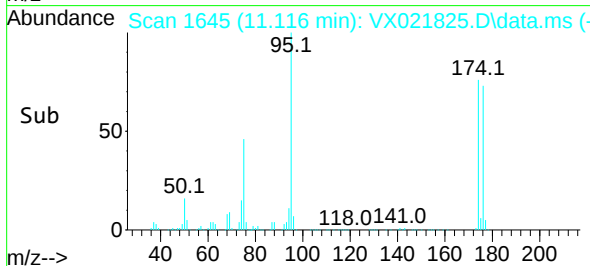
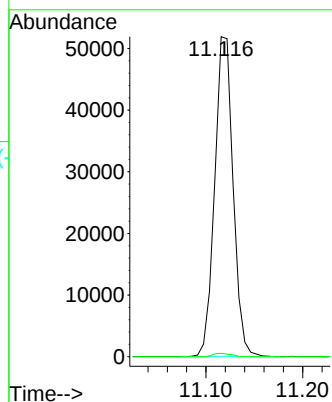
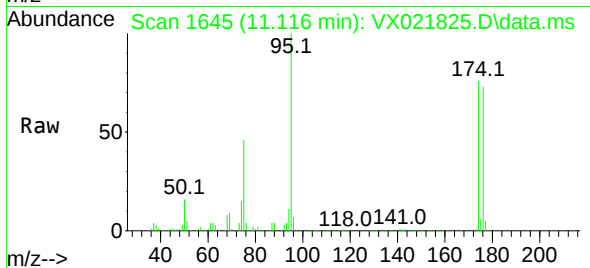




#76
1,2,3-Trichloropropane
Concen: 21.28 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX021825.D
Acq: 22 Apr 2021 18:27

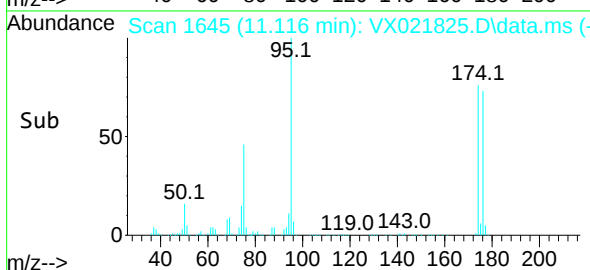
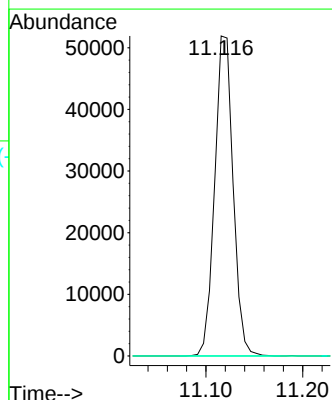
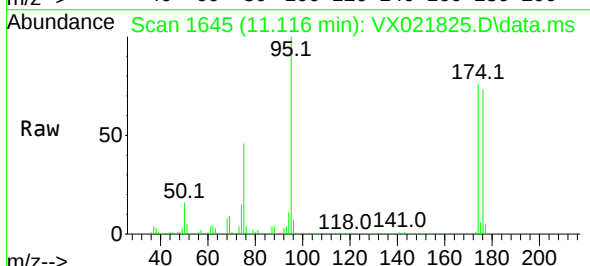
Instrument :
MSVOA_X
ClientSampled :

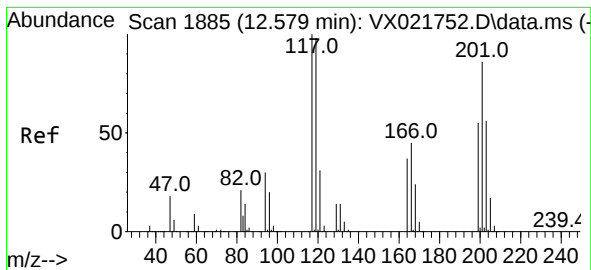
Tgt Ion: 75 Resp: 68754
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 48.93 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021825.D
Acq: 22 Apr 2021 18:27

Tgt Ion: 75 Resp: 68754
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#90
Hexachloroethane
Concen: 20.60 ug/l
RT: 12.579 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VX021825.D
Acq: 22 Apr 2021 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 39539
Ion Ratio Lower Upper
117 100
201 78.0 40.4 121.2

