

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031121\
 Data File : VX021165.D
 Acq On : 11 Mar 2021 18:45
 Operator : JC/MD
 Sample : M1647-22 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 12 02:23:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

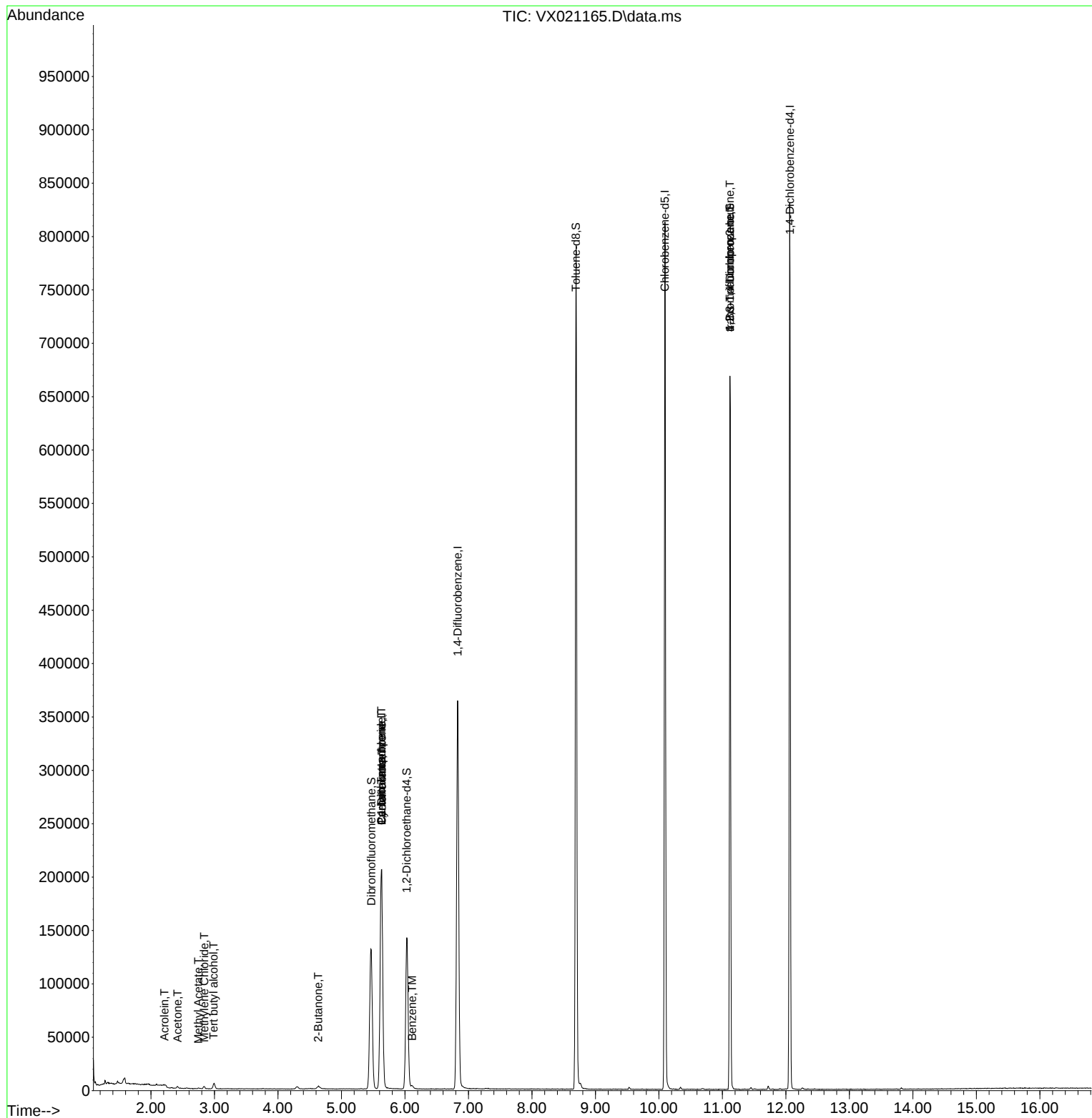
Internal Standards						
1) Pentafluorobenzene	5.635	168	205082	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	379526	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	374141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	178493	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	136447	49.26	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.52%
35) Dibromofluoromethane	5.470	113	119963	52.02	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.04%
50) Toluene-d8	8.694	98	478160	53.18	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.36%
62) 4-Bromofluorobenzene	11.118	95	187358	56.36	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	112.72%
Target Compounds						
					Qvalue	
5) Bromomethane	1.640	94	236	Below Cal	#	71
11) Tert butyl alcohol	2.987	59	3025	4.90	ug/l #	73
13) Acrolein	2.211	56	88	0.23	ug/l #	14
16) Acetone	2.417	43	1578	1.38	ug/l #	84
18) Methyl Acetate	2.746	43	651	0.24	ug/l #	85
20) Methylene Chloride	2.840	84	927	0.34	ug/l	92
25) 2-Butanone	4.635	43	558	0.32	ug/l #	45
31) Cyclohexane	5.635	56	4035	1.01	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	16110	4.47	ug/l #	48
38) Carbon Tetrachloride	5.629	117	20156	5.77	ug/l #	16
40) Benzene	6.111	78	3077	0.28	ug/l	99
76) 1,2,3-Trichloropropane	11.118	75	89413	23.29	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	89413	51.55	ug/l #	12

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

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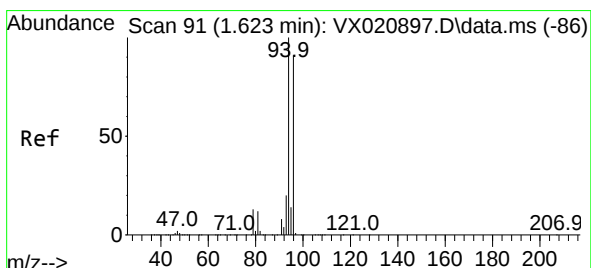
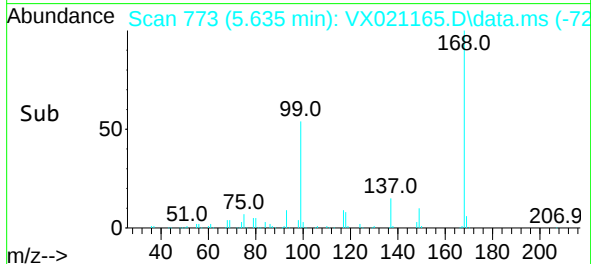
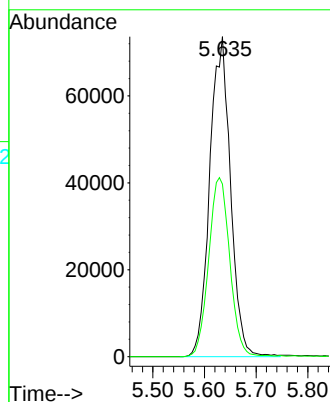
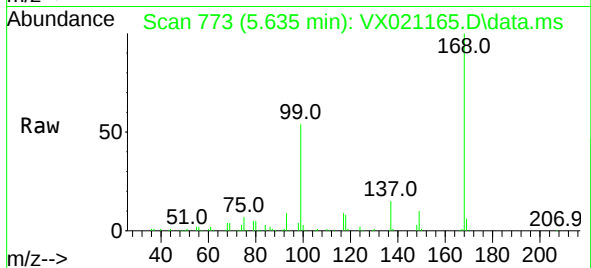




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021165.D
Acq: 11 Mar 2021 18:45

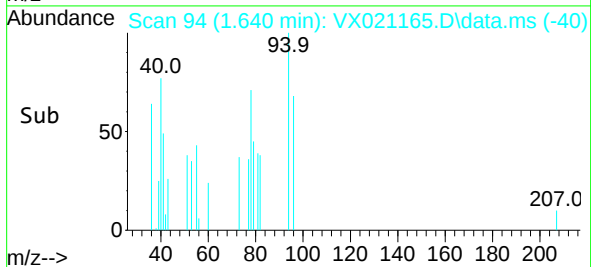
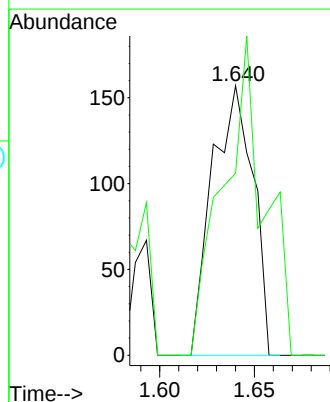
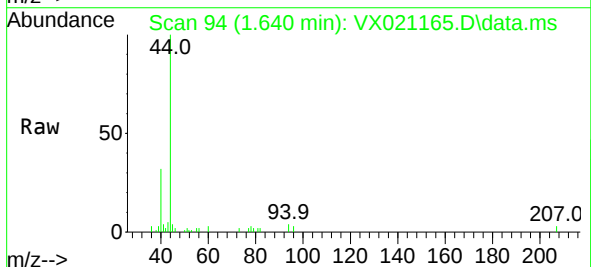
Instrument :
MSVOA_X
ClientSampleId :

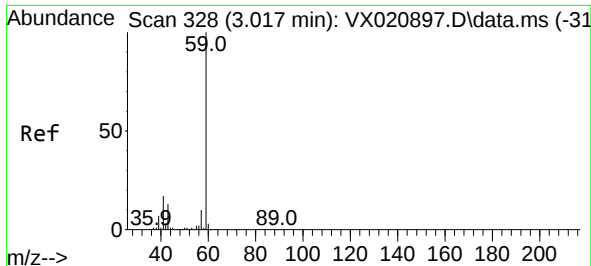
Tgt Ion:168 Resp: 205082
Ion Ratio Lower Upper
168 100
99 53.9 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021165.D
Acq: 11 Mar 2021 18:45

Tgt Ion: 94 Resp: 236
Ion Ratio Lower Upper
94 100
96 67.5 76.4 114.6#

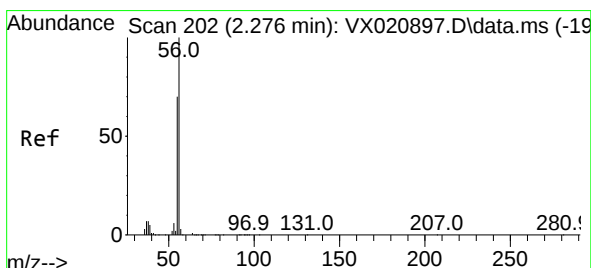
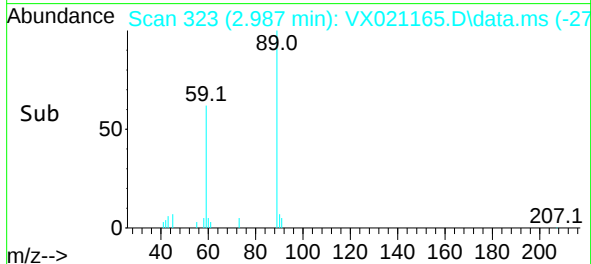
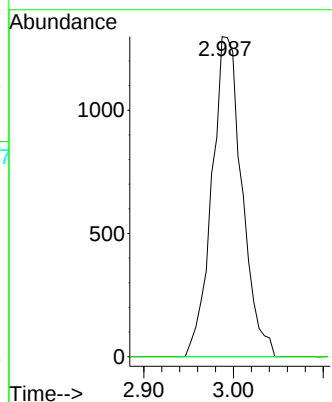
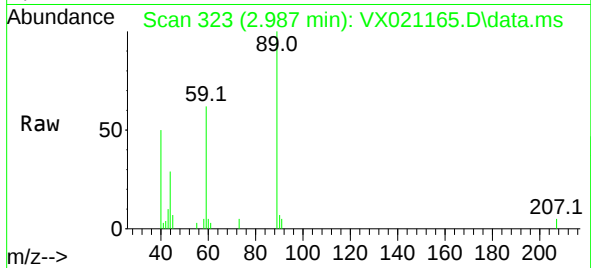




#11
Tert butyl alcohol
Concen: 4.90 ug/l
RT: 2.987 min Scan# 323
Delta R.T. -0.030 min
Lab File: VX021165.D
Acq: 11 Mar 2021 18:45

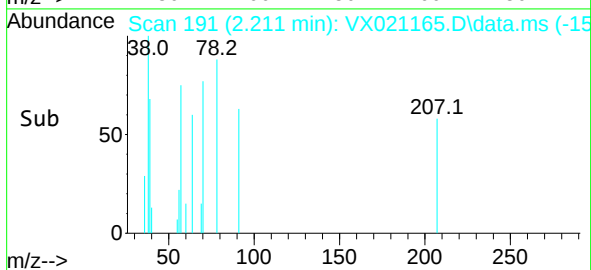
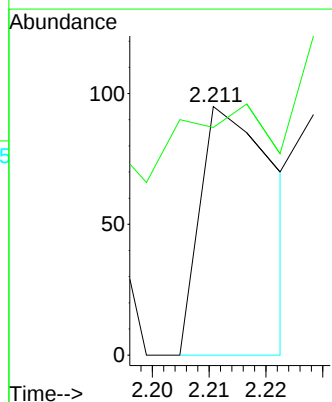
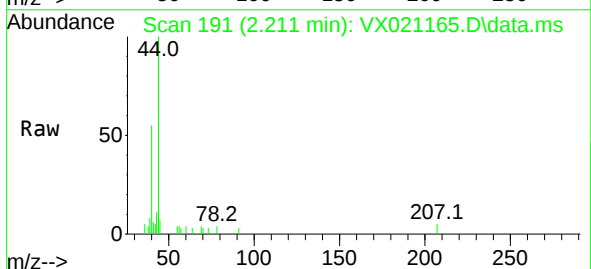
Instrument :
MSVOA_X
ClientSampled :

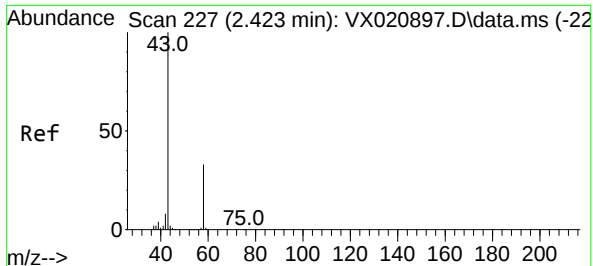
Tgt Ion: 59 Resp: 3025
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.23 ug/l
RT: 2.211 min Scan# 191
Delta R.T. -0.065 min
Lab File: VX021165.D
Acq: 11 Mar 2021 18:45

Tgt Ion: 56 Resp: 88
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

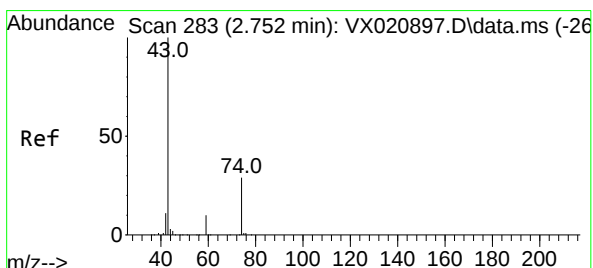
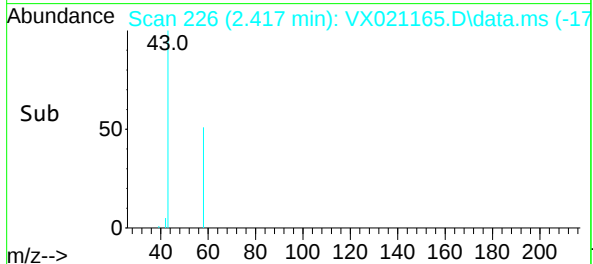
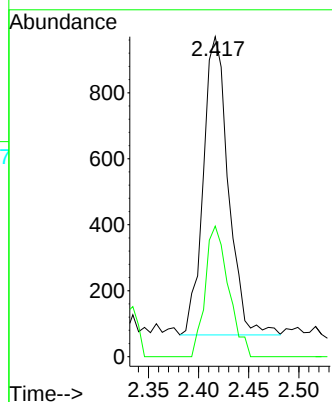
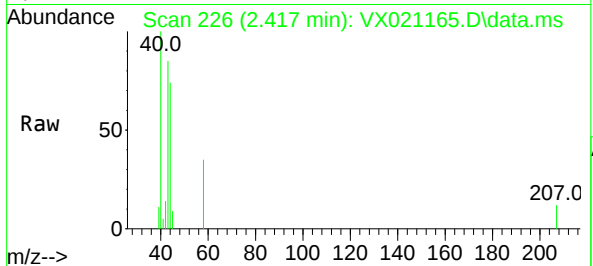




#16
Acetone
Concen: 1.38 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021165.D
Acq: 11 Mar 2021 18:45

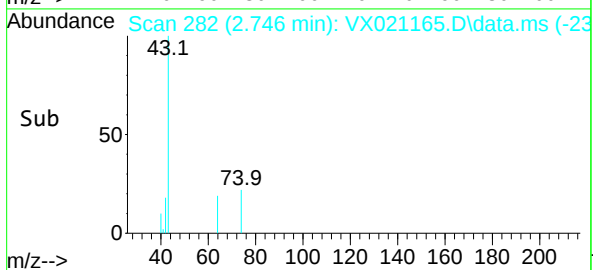
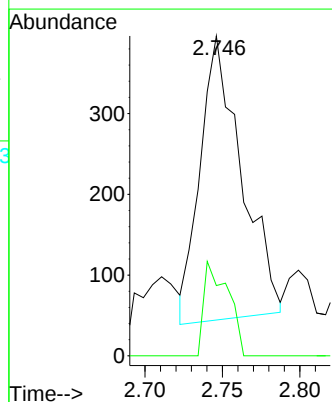
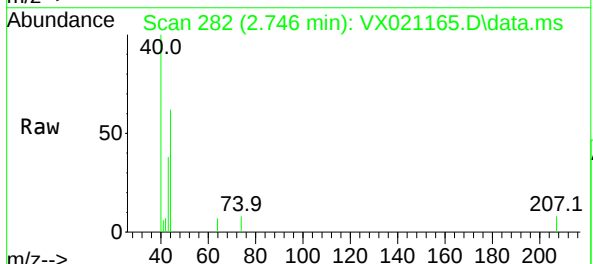
Instrument :
MSVOA_X
ClientSampled :

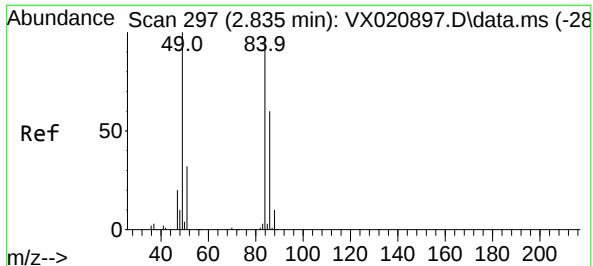
Tgt Ion: 43 Resp: 1578
Ion Ratio Lower Upper
43 100
58 43.8 27.8 41.8#



#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021165.D
Acq: 11 Mar 2021 18:45

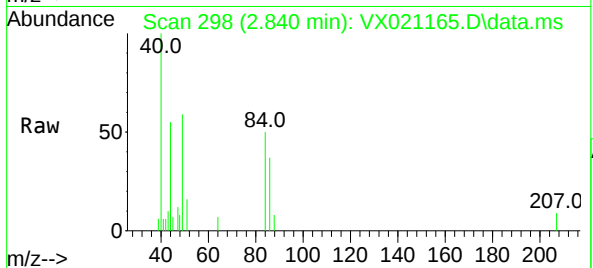
Tgt Ion: 43 Resp: 651
Ion Ratio Lower Upper
43 100
74 19.4 21.9 32.9#





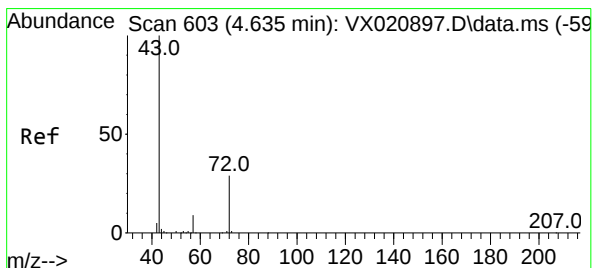
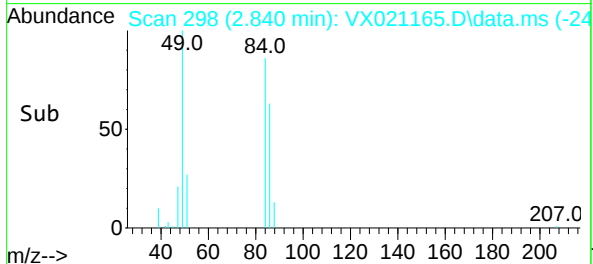
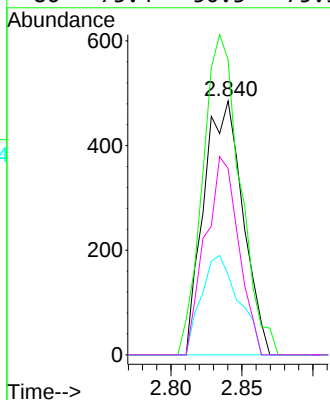
#20
Methylene Chloride
Concen: 0.34 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021165.D
Acq: 11 Mar 2021 18:45

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 927

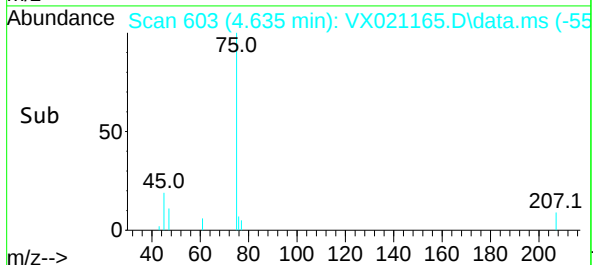
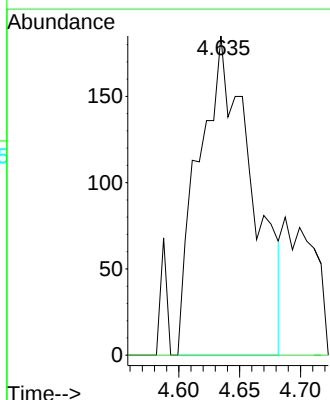
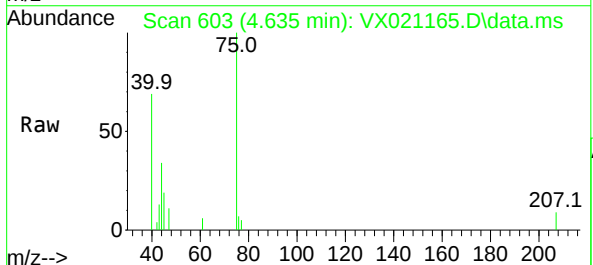
Ion	Ratio	Lower	Upper
84	100		
49	116.3	88.6	132.8
51	31.5	27.0	40.6
86	73.4	50.3	75.5

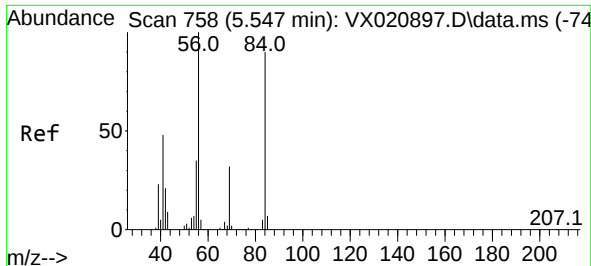


#25
2-Butanone
Concen: 0.32 ug/l
RT: 4.635 min Scan# 603
Delta R.T. -0.000 min
Lab File: VX021165.D
Acq: 11 Mar 2021 18:45

Tgt Ion: 43 Resp: 558

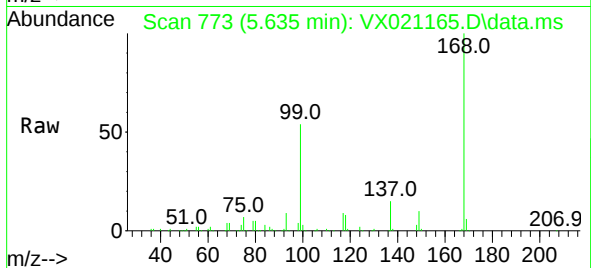
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5



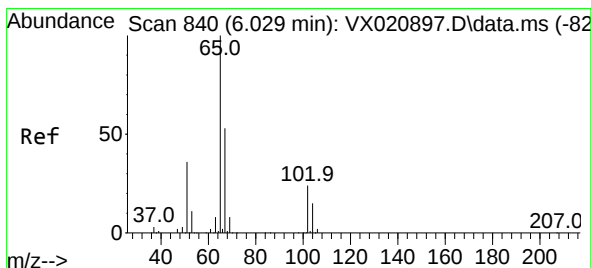
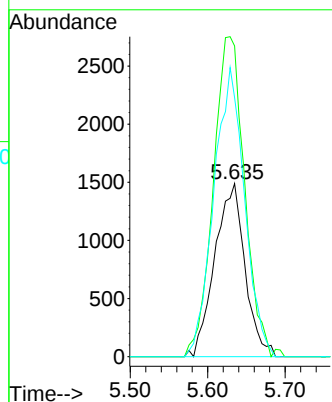
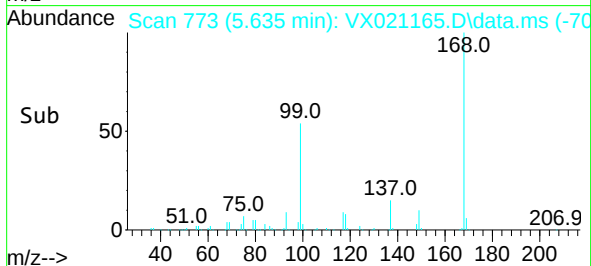


#31
Cyclohexane
Concen: 1.01 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021165.D
Acq: 11 Mar 2021 18:45

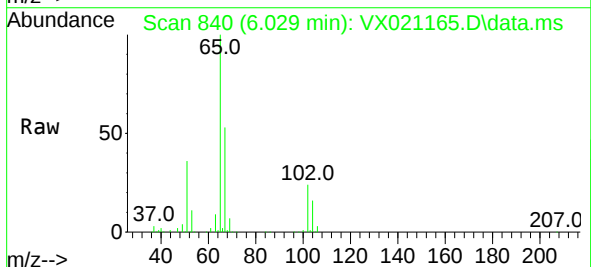
Instrument :
MSVOA_X
ClientSampled :



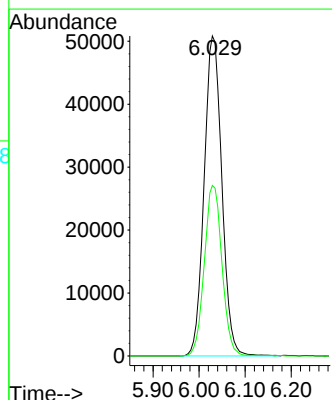
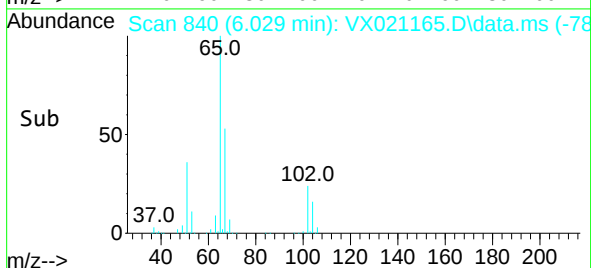
Tgt Ion: 56 Resp: 4035
Ion Ratio Lower Upper
56 100
69 179.5 25.3 37.9#
84 149.7 71.4 107.0#

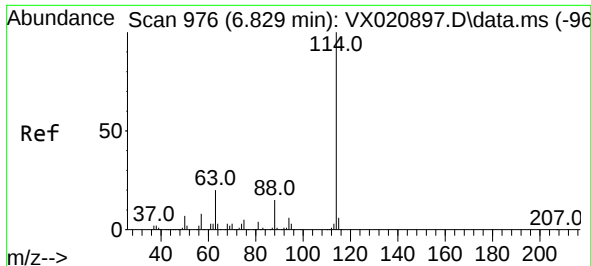


#33
1,2-Dichloroethane-d4
Concen: 49.26 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021165.D
Acq: 11 Mar 2021 18:45



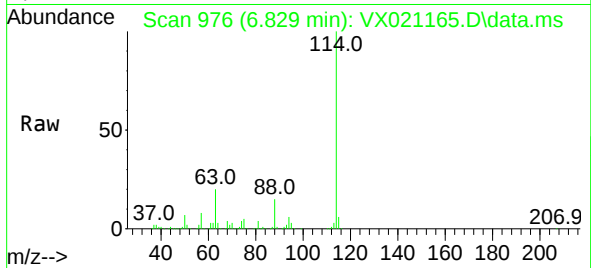
Tgt Ion: 65 Resp: 136447
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



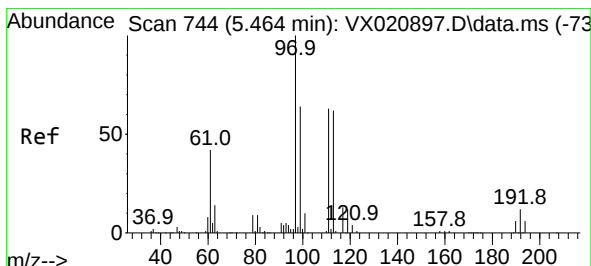
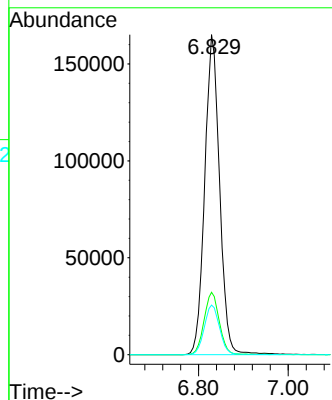
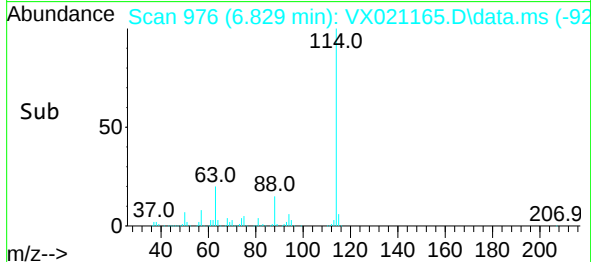


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021165.D
Acq: 11 Mar 2021 18:45

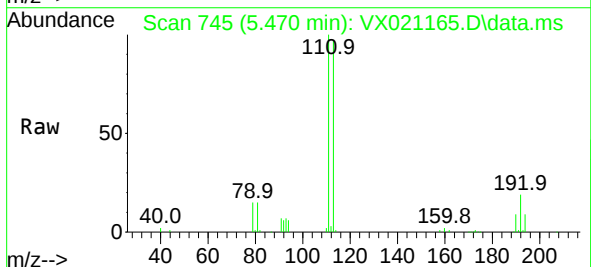
Instrument :
MSVOA_X
ClientSampleId :



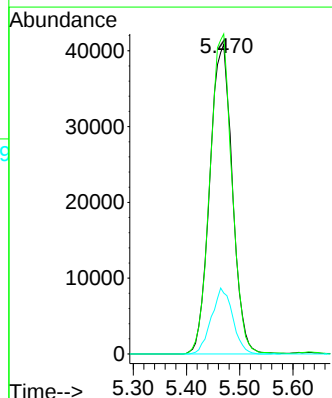
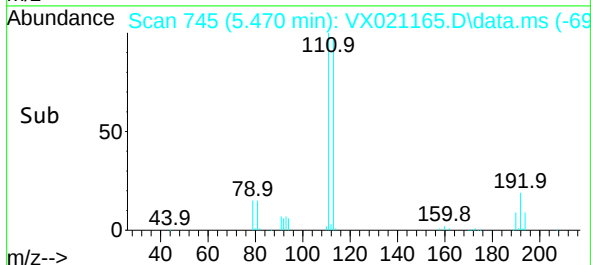
Tgt Ion:114 Resp: 379526
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.8
88 15.5 0.0 32.8

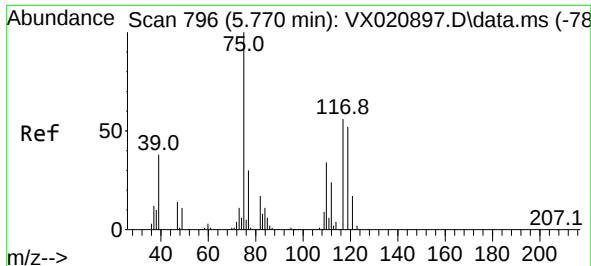


#35
Dibromofluoromethane
Concen: 52.02 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021165.D
Acq: 11 Mar 2021 18:45



Tgt Ion:113 Resp: 119963
Ion Ratio Lower Upper
113 100
111 101.2 81.9 122.9
192 20.1 16.7 25.1

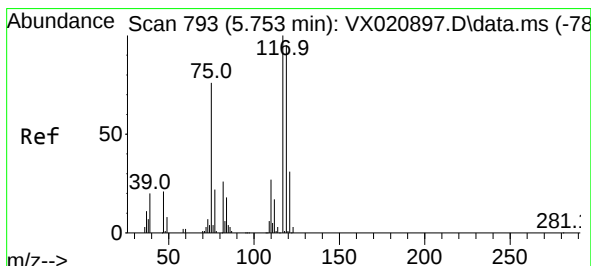
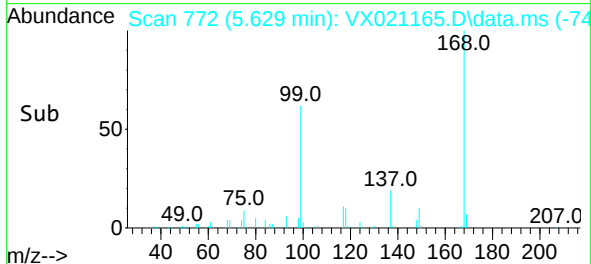
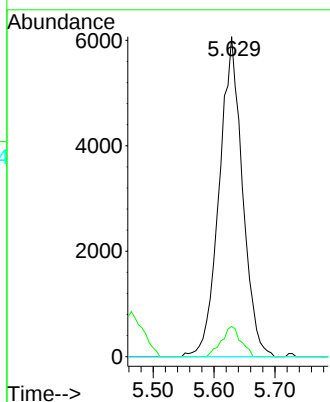
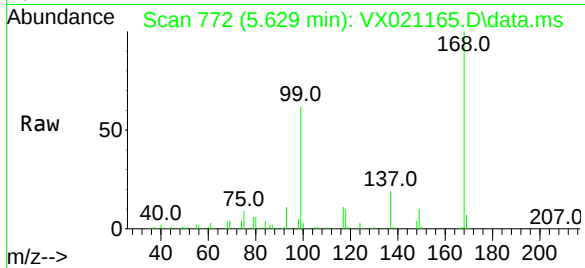




#36
1,1-Dichloropropene
Concen: 4.47 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021165.D
Acq: 11 Mar 2021 18:45

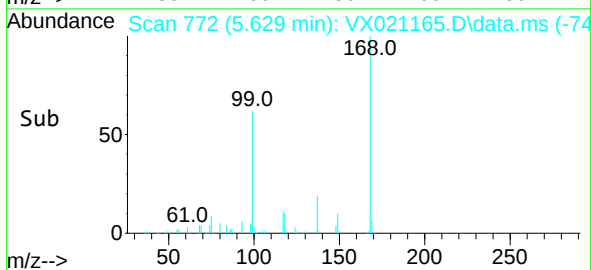
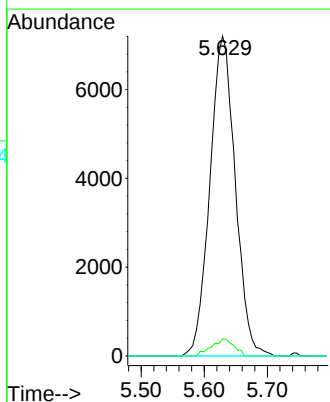
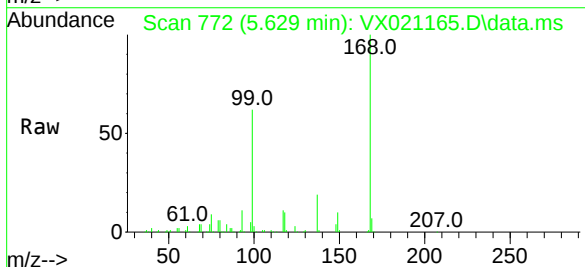
Instrument :
MSVOA_X
ClientSampled :

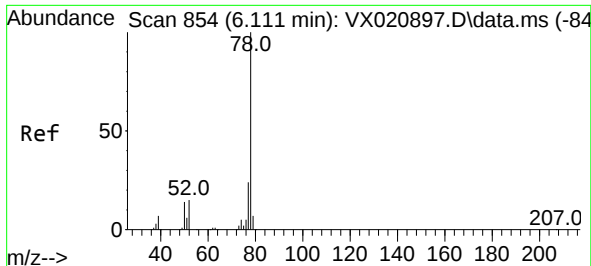
Tgt Ion: 75 Resp: 16110
Ion Ratio Lower Upper
75 100
110 7.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.77 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021165.D
Acq: 11 Mar 2021 18:45

Tgt Ion: 117 Resp: 20156
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

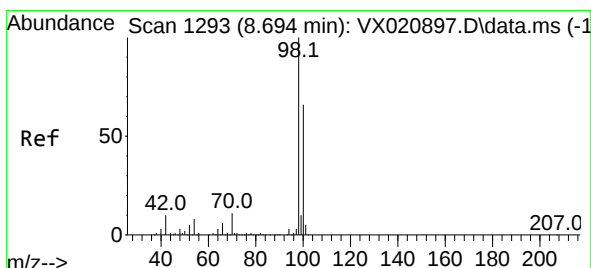
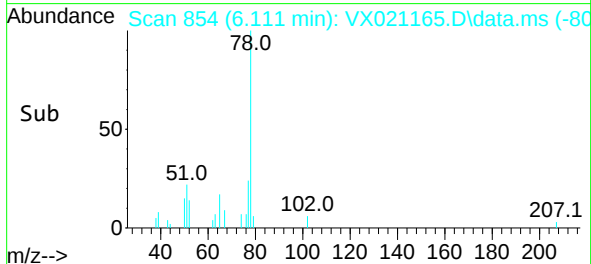
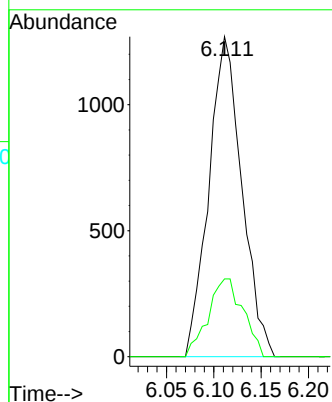
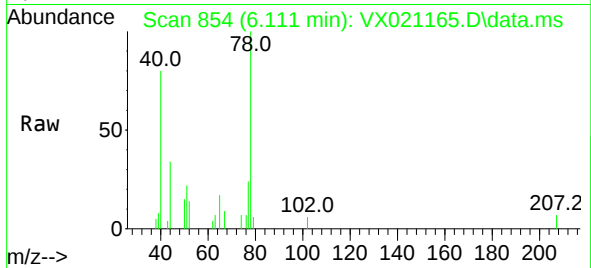




#40
Benzene
Concen: 0.28 ug/l
RT: 6.111 min Scan# 854
Delta R.T. -0.000 min
Lab File: VX021165.D
Acq: 11 Mar 2021 18:45

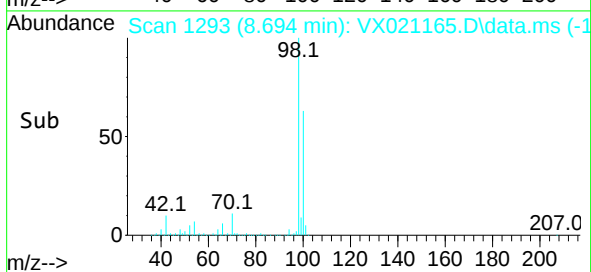
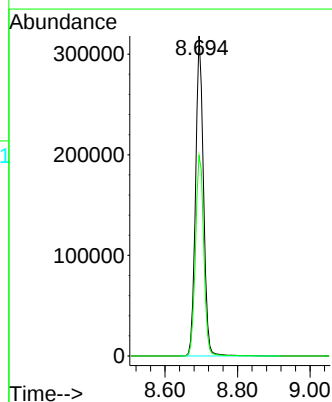
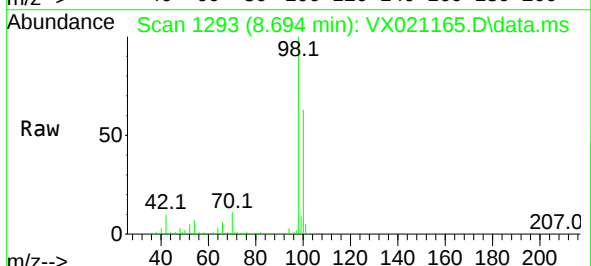
Instrument :
MSVOA_X
ClientSampled :

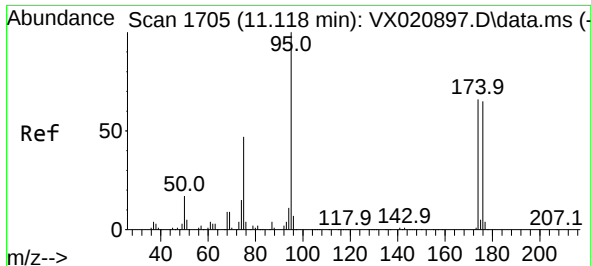
Tgt Ion: 78 Resp: 3077
Ion Ratio Lower Upper
78 100
77 24.3 18.9 28.3



#50
Toluene-d8
Concen: 53.18 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021165.D
Acq: 11 Mar 2021 18:45

Tgt Ion: 98 Resp: 478160
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9

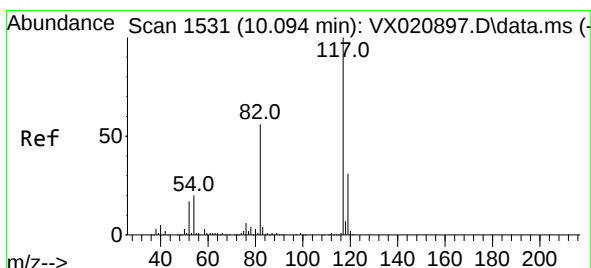
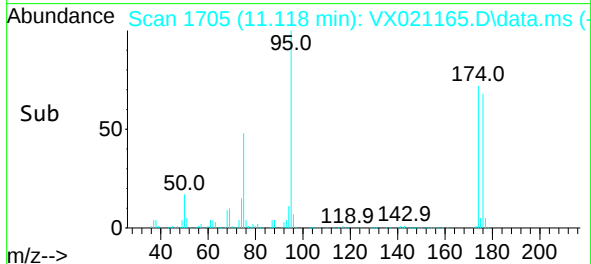
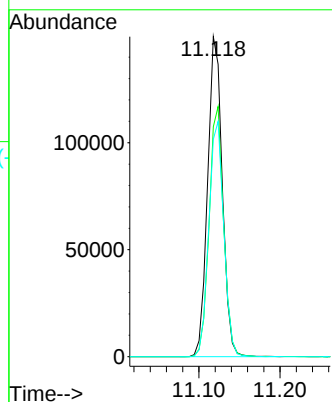
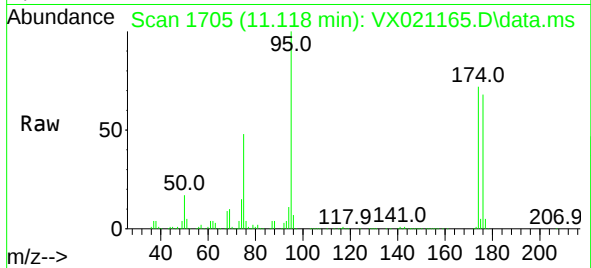




#62
4-Bromofluorobenzene
Concen: 56.36 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021165.D
Acq: 11 Mar 2021 18:45

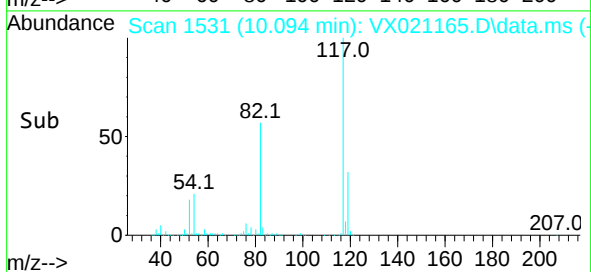
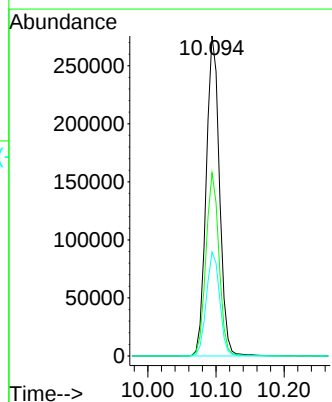
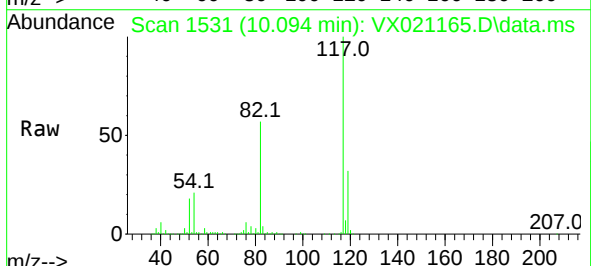
Instrument :
MSVOA_X
ClientSampleId :

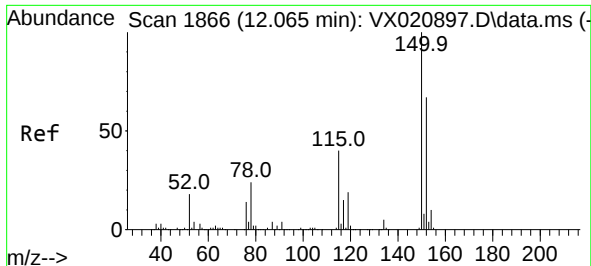
Tgt Ion: 95 Resp: 187358
Ion Ratio Lower Upper
95 100
174 76.9 0.0 154.6
176 74.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021165.D
Acq: 11 Mar 2021 18:45

Tgt Ion: 117 Resp: 374141
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 32.5 26.6 39.8

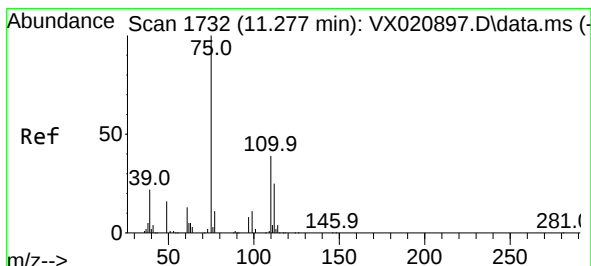
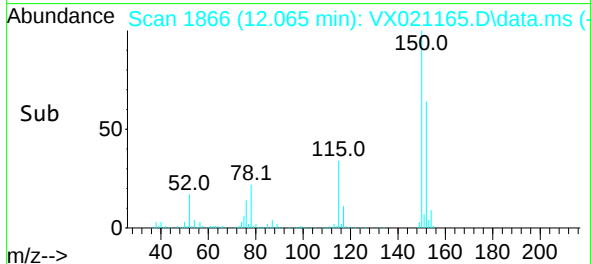
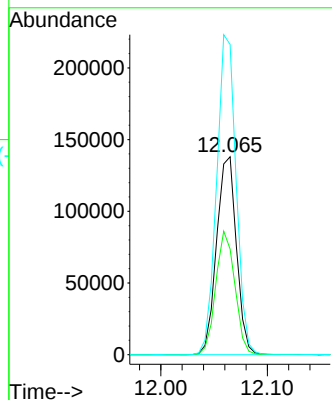
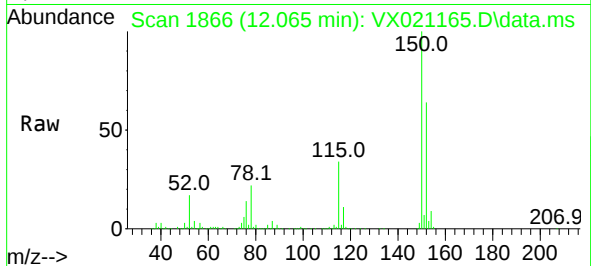




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VX021165.D
Acq: 11 Mar 2021 18:45

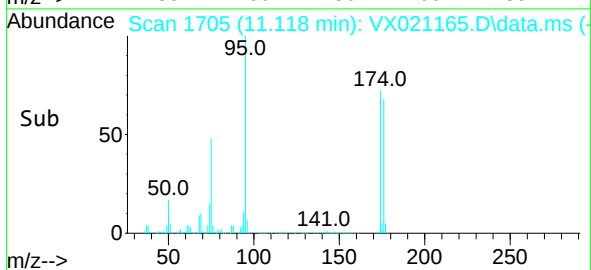
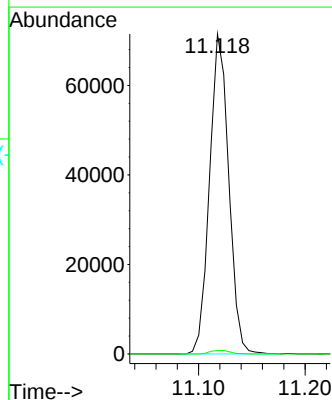
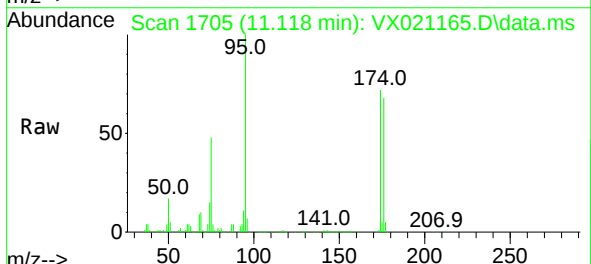
Instrument :
MSVOA_X
ClientSampled :

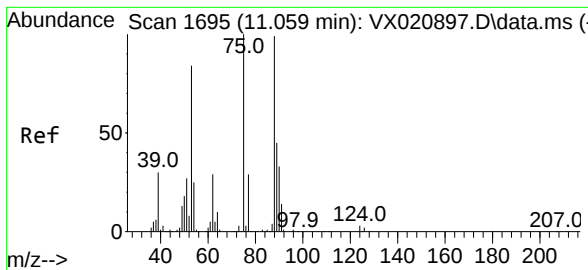
Tgt Ion:152 Resp: 178493
Ion Ratio Lower Upper
152 100
115 60.0 41.1 123.3
150 158.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 23.29 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021165.D
Acq: 11 Mar 2021 18:45

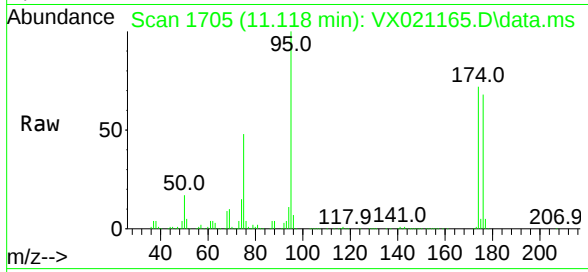
Tgt Ion: 75 Resp: 89413
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.55 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021165.D
 Acq: 11 Mar 2021 18:45

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 89413
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

