

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032221\
 Data File : VX021350.D
 Acq On : 22 Mar 2021 12:17
 Operator : JC/MD
 Sample : M1755-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 23 01:58:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

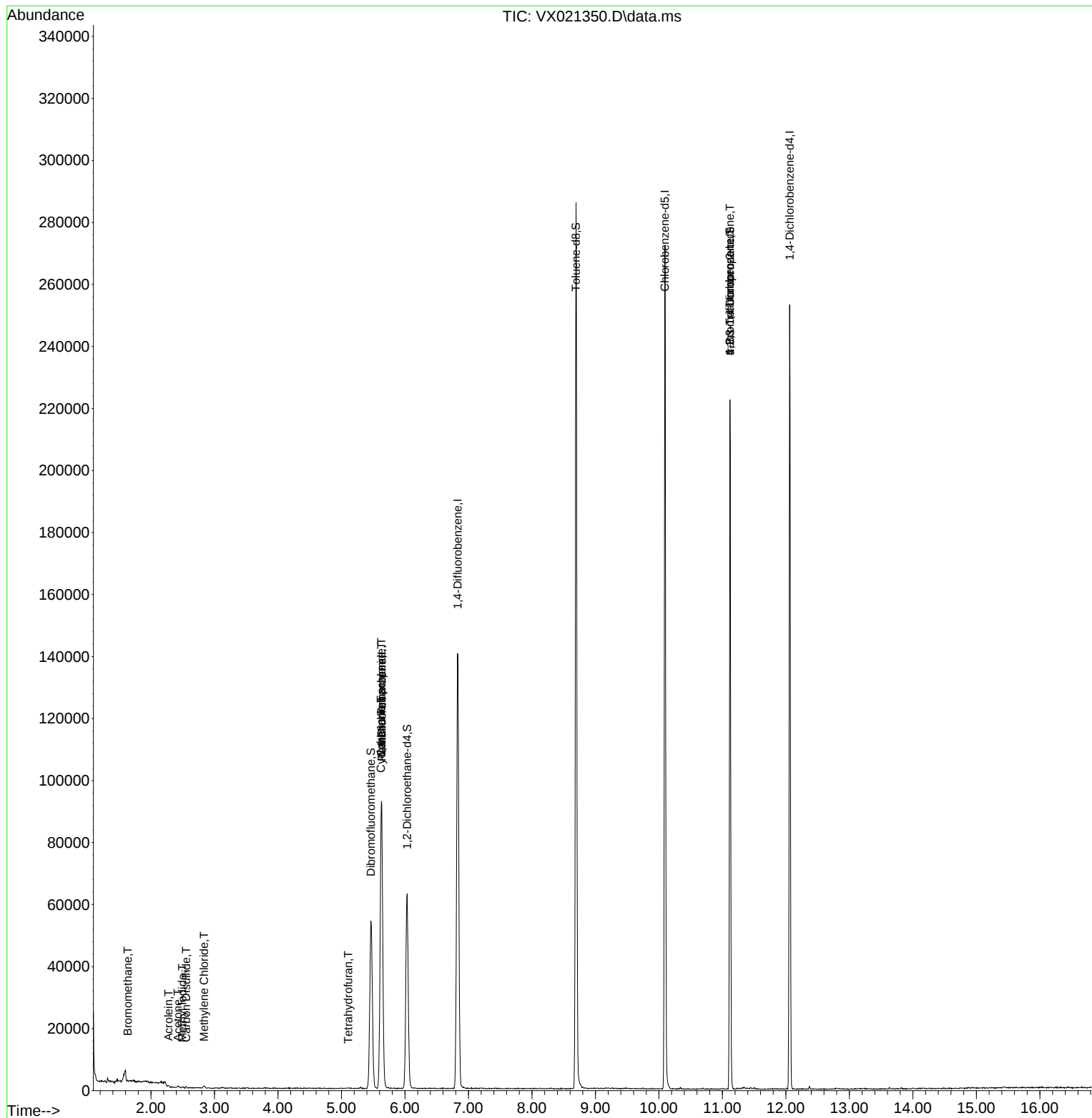
Internal Standards						
1) Pentafluorobenzene	5.635	168	81578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	131802	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	114839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	47825	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	61974	46.32	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.64%		
35) Dibromofluoromethane	5.464	113	44481	49.60	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.20%		
50) Toluene-d8	8.694	98	158674	48.76	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.52%		
62) 4-Bromofluorobenzene	11.118	95	57414	45.43	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.86%		
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1655	Below Cal		97
5) Bromomethane	1.634	94	165	0.38 ug/l #		76
10) Methyl Iodide	2.493	142	191	0.26 ug/l #		67
13) Acrolein	2.276	56	56	3.54 ug/l #		23
16) Acetone	2.423	43	470	0.95 ug/l		98
17) Carbon Disulfide	2.552	76	521	0.75 ug/l #		75
20) Methylene Chloride	2.834	84	291	0.29 ug/l #		86
29) Tetrahydrofuran	5.105	42	155	0.31 ug/l #		27
31) Cyclohexane	5.623	56	2240	1.38 ug/l #		27
36) 1,1-Dichloropropene	5.629	75	7262	5.47 ug/l #		49
38) Carbon Tetrachloride	5.629	117	8899	6.45 ug/l #		16
76) 1,2,3-Trichloropropane	11.118	75	31989	28.83 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	31989	78.28 ug/l #		12

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration

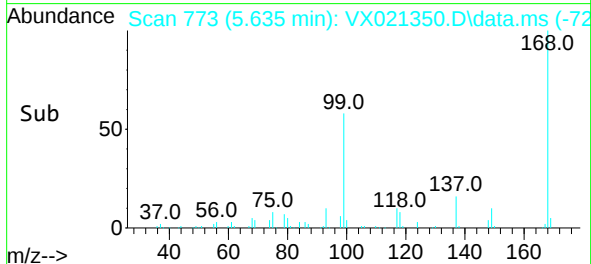
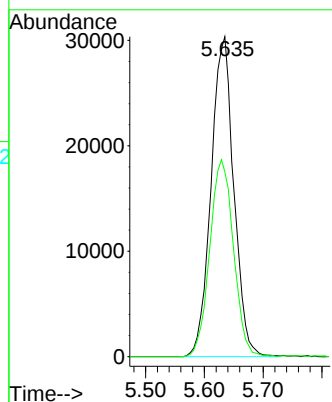
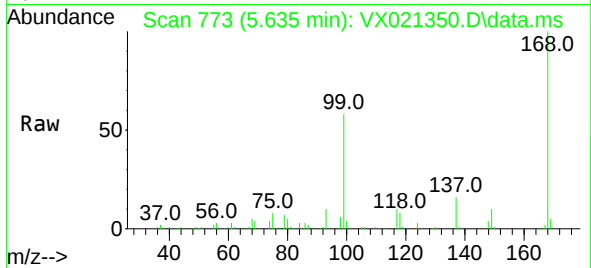




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.000 min
Lab File: VX021350.D
Acq: 22 Mar 2021 12:17

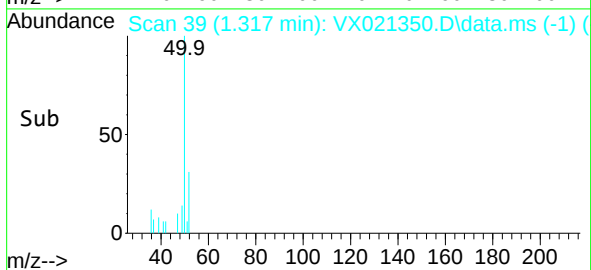
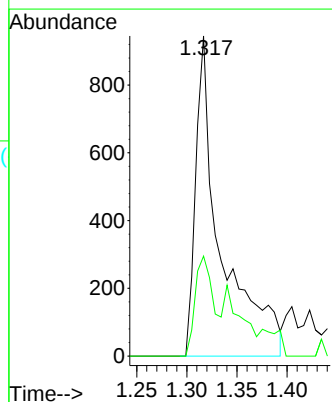
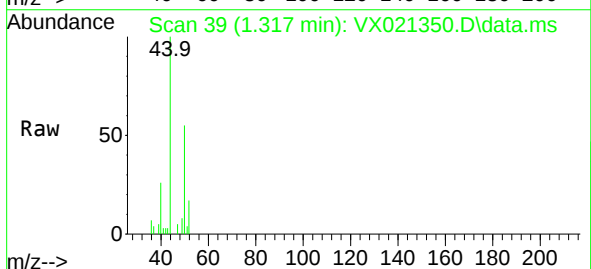
Instrument :
MSVOA_X
ClientSampleId :

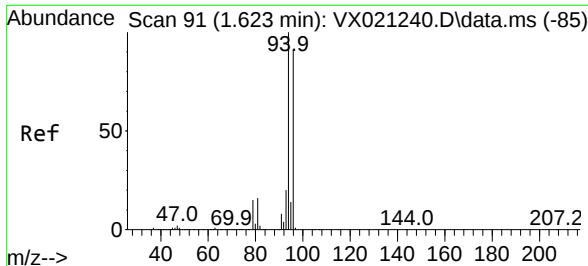
Tgt Ion:168 Resp: 81578
Ion Ratio Lower Upper
168 100
99 57.7 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021350.D
Acq: 22 Mar 2021 12:17

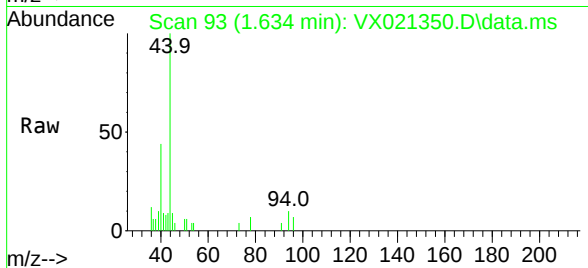
Tgt Ion: 50 Resp: 1655
Ion Ratio Lower Upper
50 100
52 31.2 26.4 39.6



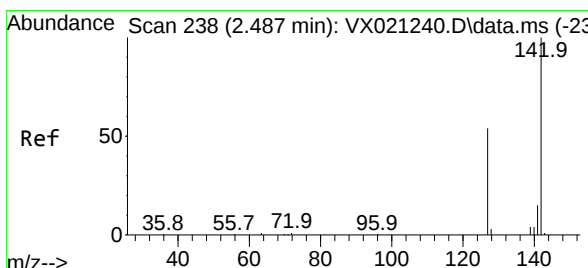
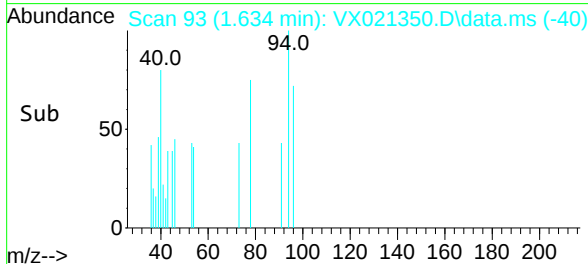
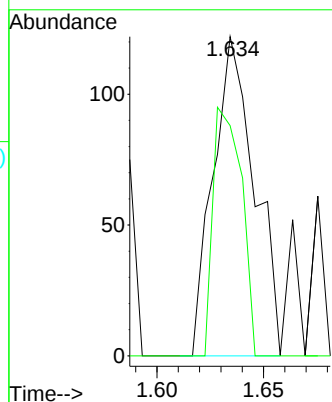


#5
Bromomethane
Concen: 0.38 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021350.D
Acq: 22 Mar 2021 12:17

Instrument :
MSVOA_X
ClientSampled :

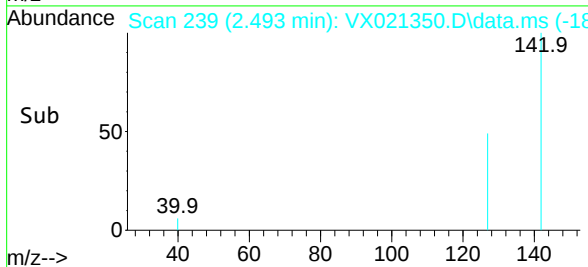
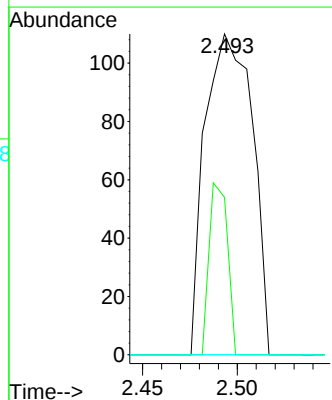
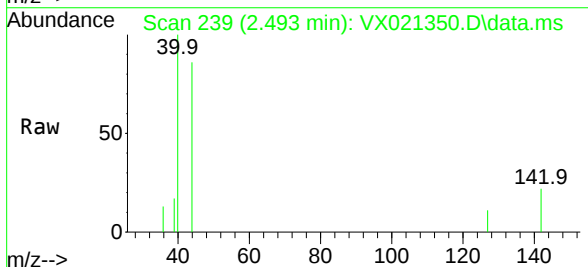


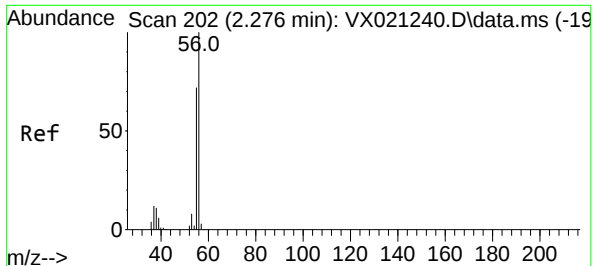
Tgt Ion: 94 Resp: 165
Ion Ratio Lower Upper
94 100
96 72.1 76.4 114.6#



#10
Methyl Iodide
Concen: 0.26 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.006 min
Lab File: VX021350.D
Acq: 22 Mar 2021 12:17

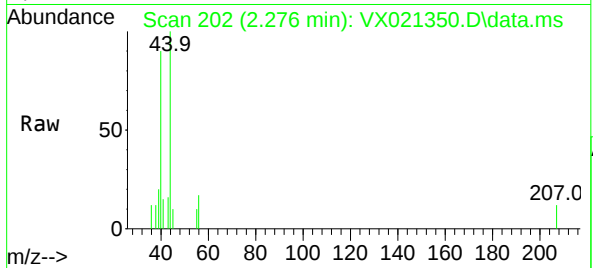
Tgt Ion: 142 Resp: 191
Ion Ratio Lower Upper
142 100
127 20.9 33.3 49.9#
141 0.0 11.4 17.0#



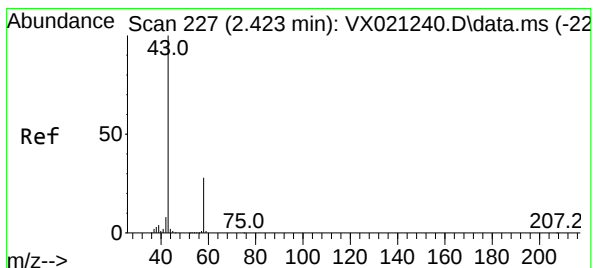
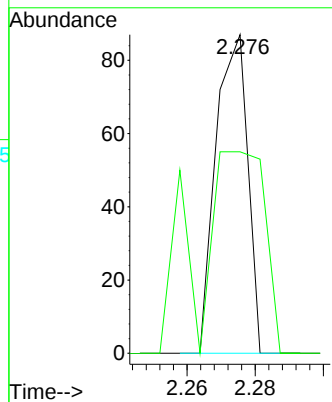
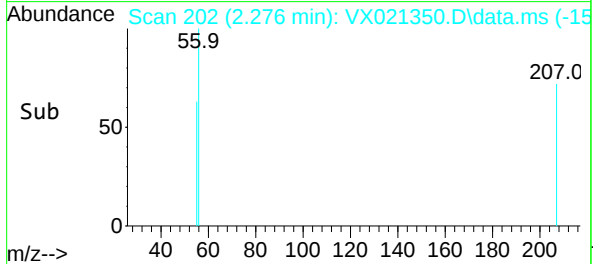


#13
Acrolein
Concen: 3.54 ug/l
RT: 2.276 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021350.D
Acq: 22 Mar 2021 12:17

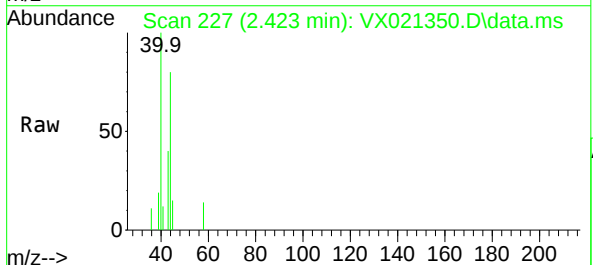
Instrument :
MSVOA_X
ClientSampled :



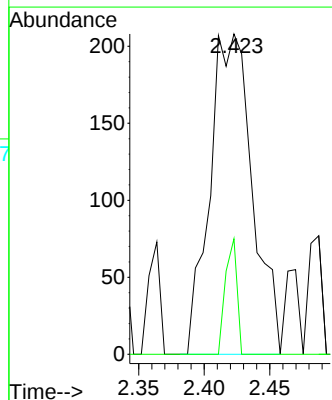
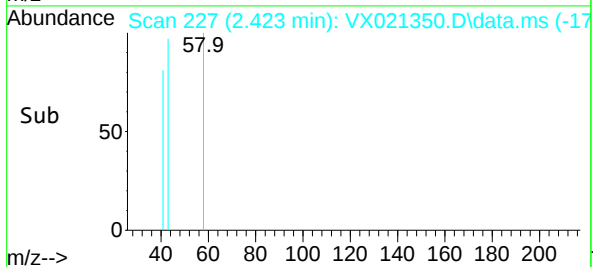
Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 133.9 56.4 84.6#

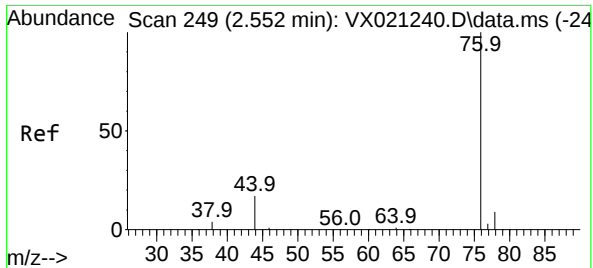


#16
Acetone
Concen: 0.95 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021350.D
Acq: 22 Mar 2021 12:17



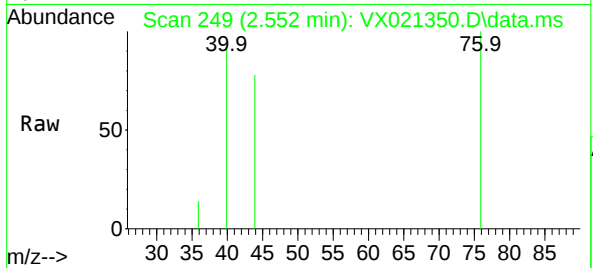
Tgt Ion: 43 Resp: 470
Ion Ratio Lower Upper
43 100
58 36.1 27.8 41.8



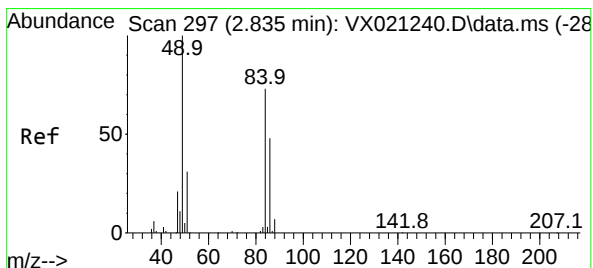
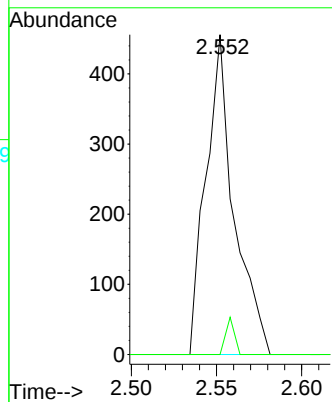
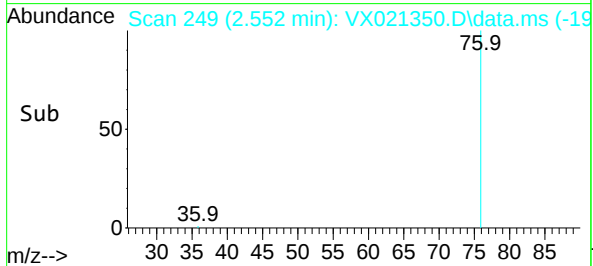


#17
Carbon Disulfide
Concen: 0.75 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX021350.D
Acq: 22 Mar 2021 12:17

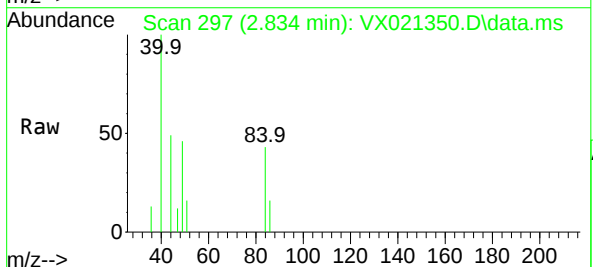
Instrument :
MSVOA_X
ClientSampled :



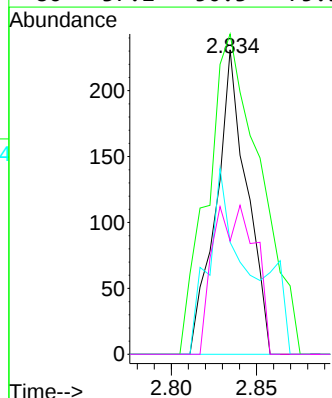
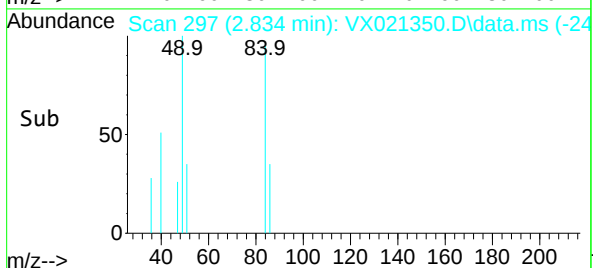
Tgt Ion: 76 Resp: 521
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

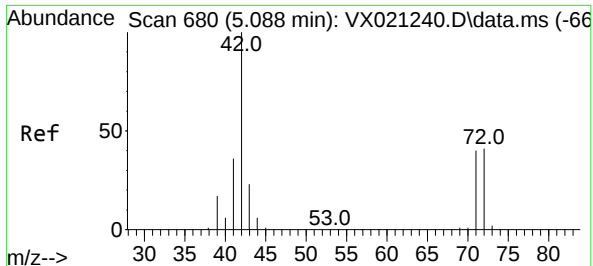


#20
Methylene Chloride
Concen: 0.29 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.001 min
Lab File: VX021350.D
Acq: 22 Mar 2021 12:17



Tgt Ion: 84 Resp: 291
Ion Ratio Lower Upper
84 100
49 105.2 88.6 132.8
51 36.8 27.0 40.6
86 37.2 50.3 75.5#





#29

Tetrahydrofuran

Concen: 0.31 ug/l

RT: 5.105 min Scan# 683

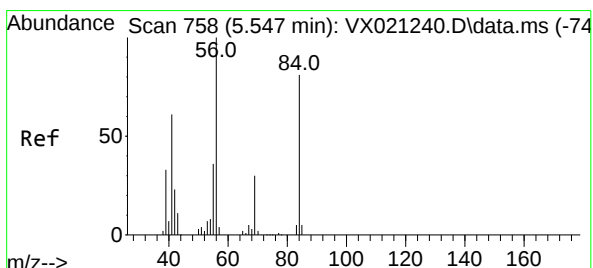
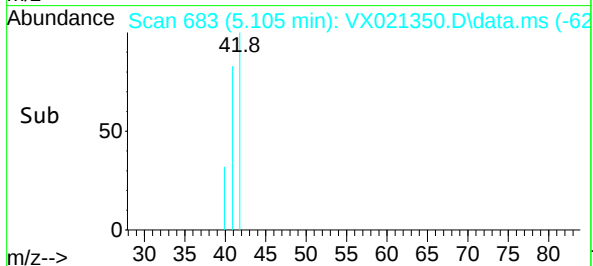
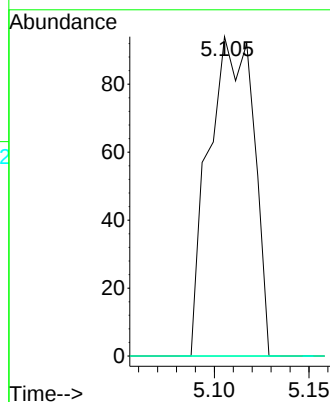
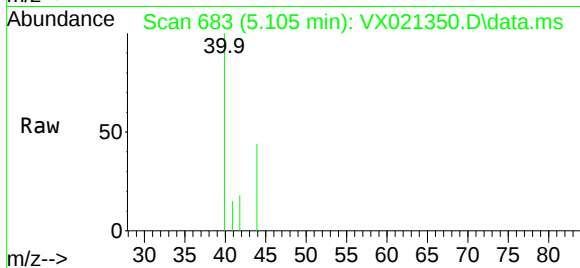
Delta R.T. 0.017 min

Lab File: VX021350.D

Acq: 22 Mar 2021 12:17

Tgt Ion: 42	Resp: 155
Ion Ratio	Lower Upper
42	100
72	0.0 41.7 62.5#
71	0.0 38.4 57.6#

Instrument :
MSVOA_X
ClientSampleId :



#31

Cyclohexane

Concen: 1.38 ug/l

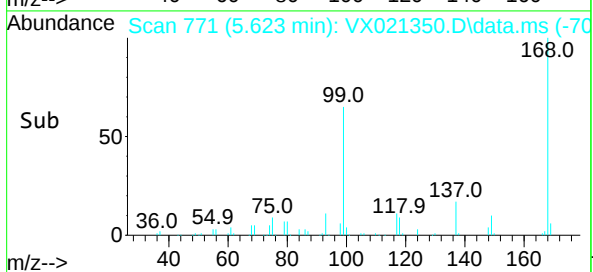
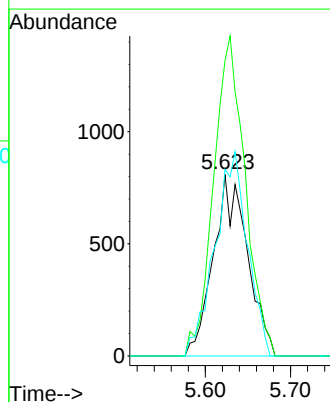
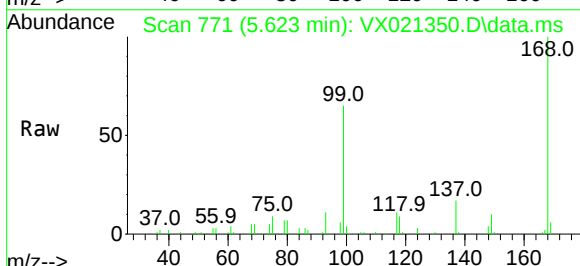
RT: 5.623 min Scan# 771

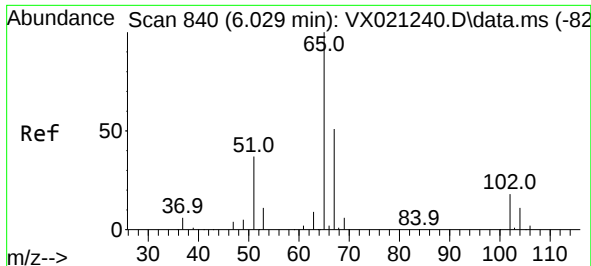
Delta R.T. 0.076 min

Lab File: VX021350.D

Acq: 22 Mar 2021 12:17

Tgt Ion: 56	Resp: 2240
Ion Ratio	Lower Upper
56	100
69	162.7 25.3 37.9#
84	102.7 71.4 107.0

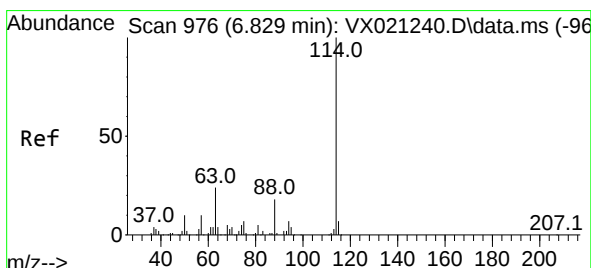
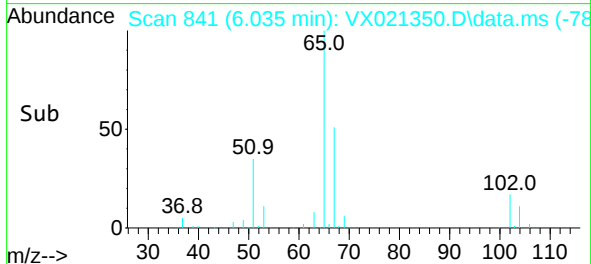
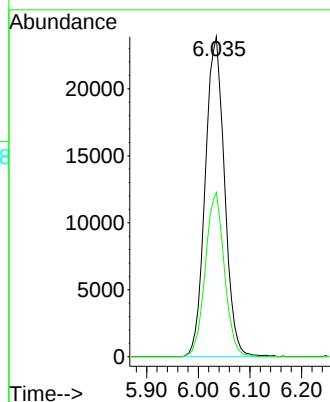
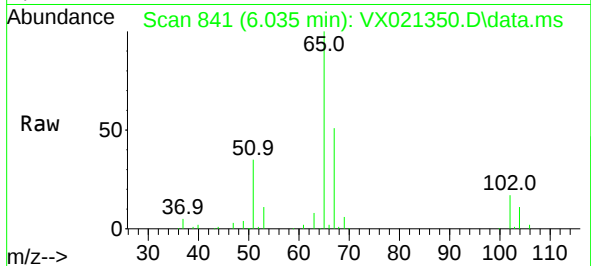




#33
1,2-Dichloroethane-d4
Concen: 46.32 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021350.D
Acq: 22 Mar 2021 12:17

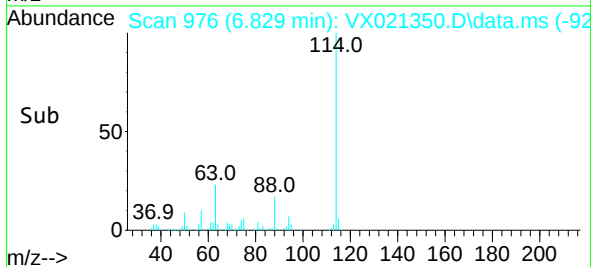
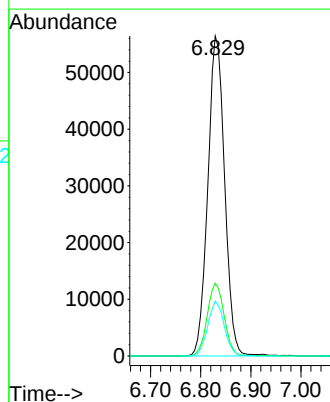
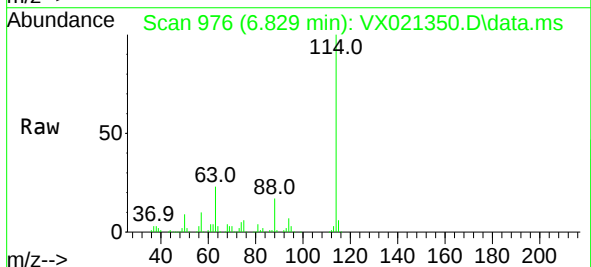
Instrument :
MSVOA_X
ClientSampleId :

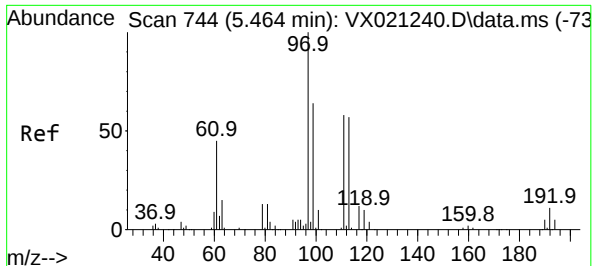
Tgt Ion: 65 Resp: 61974
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021350.D
Acq: 22 Mar 2021 12:17

Tgt Ion: 114 Resp: 131802
Ion Ratio Lower Upper
114 100
63 22.8 0.0 40.8
88 17.2 0.0 32.8

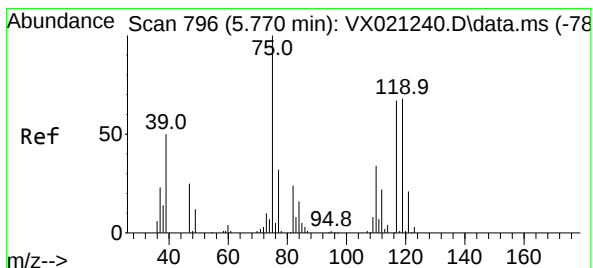
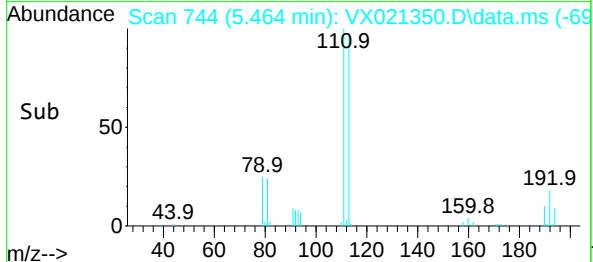
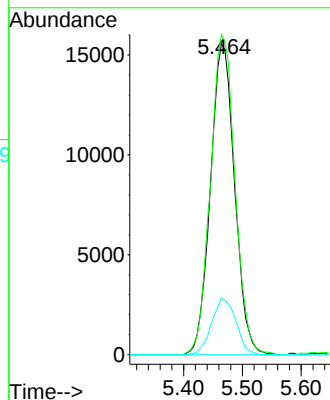
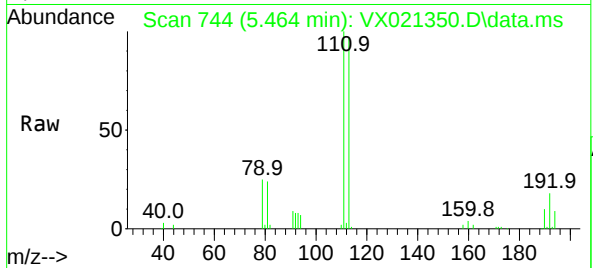




#35
Dibromofluoromethane
Concen: 49.60 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021350.D
Acq: 22 Mar 2021 12:17

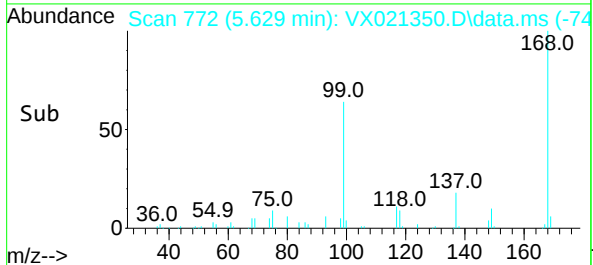
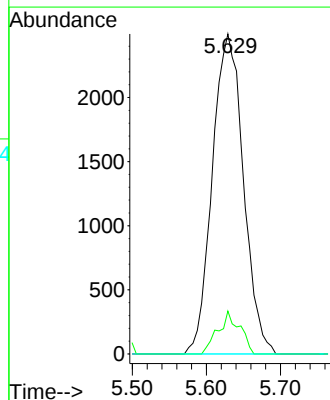
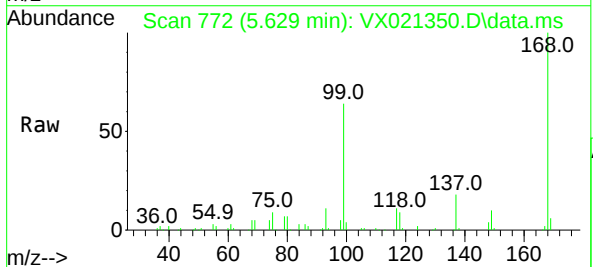
Instrument :
MSVOA_X
ClientSampleId :

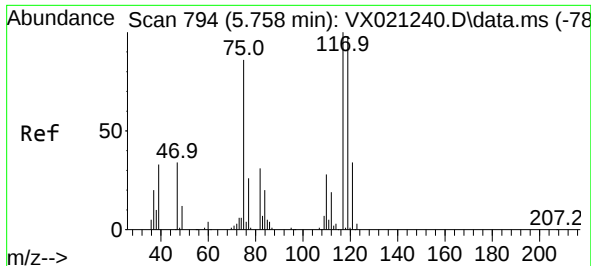
Tgt Ion:113 Resp: 44481
Ion Ratio Lower Upper
113 100
111 104.4 81.9 122.9
192 18.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.47 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021350.D
Acq: 22 Mar 2021 12:17

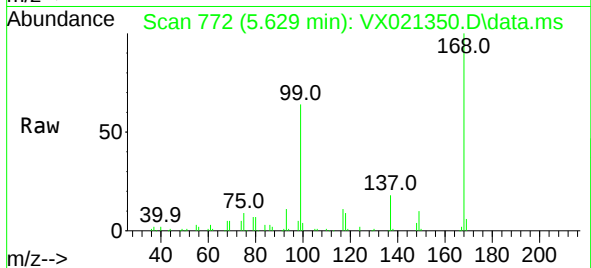
Tgt Ion: 75 Resp: 7262
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#



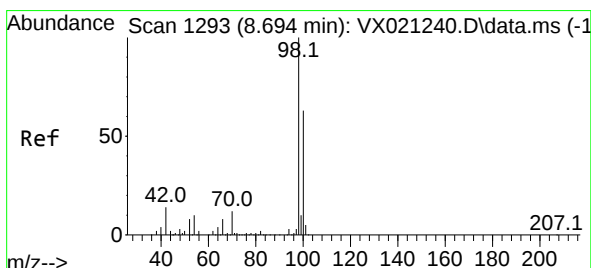
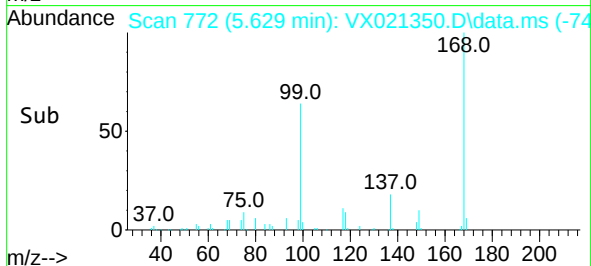
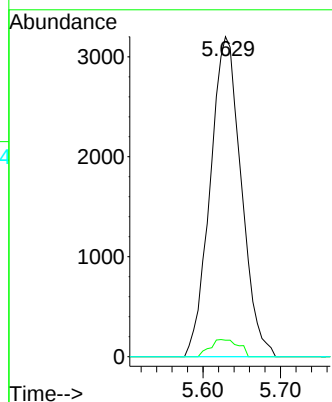


#38
Carbon Tetrachloride
Concen: 6.45 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.129 min
Lab File: VX021350.D
Acq: 22 Mar 2021 12:17

Instrument :
MSVOA_X
ClientSampleId :

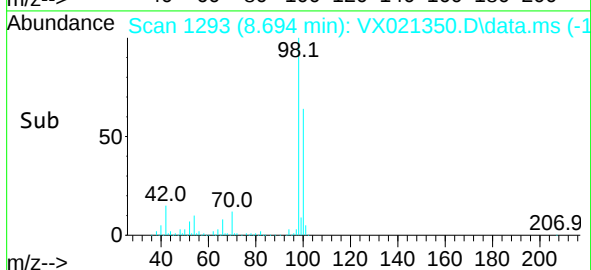
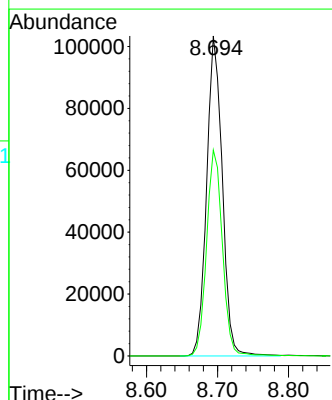
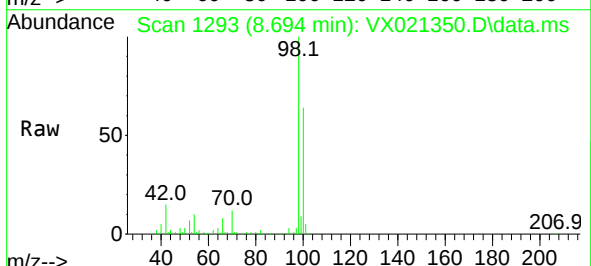


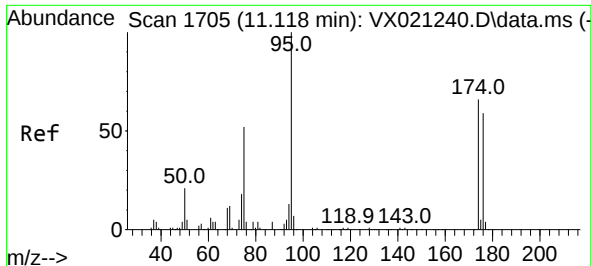
Tgt Ion:117 Resp: 8899
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.76 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021350.D
Acq: 22 Mar 2021 12:17

Tgt Ion: 98 Resp: 158674
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

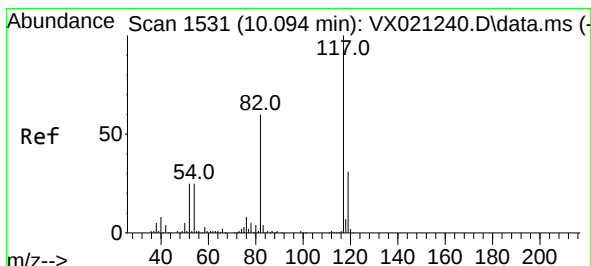
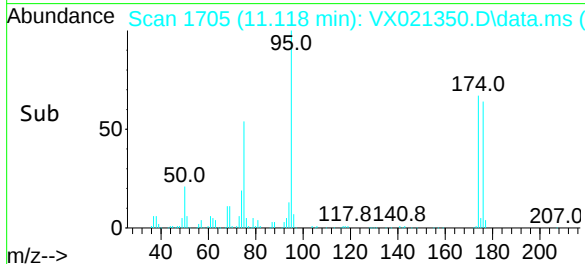
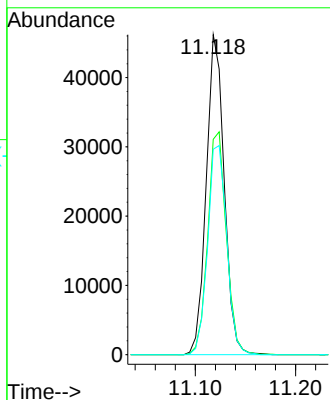
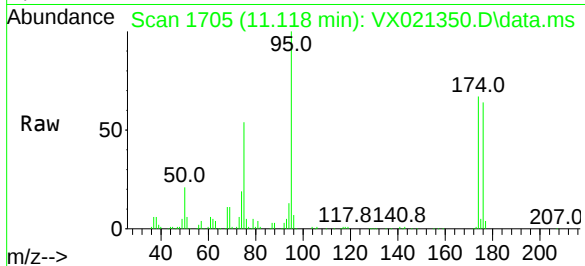




#62
4-Bromofluorobenzene
Concen: 45.43 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021350.D
Acq: 22 Mar 2021 12:17

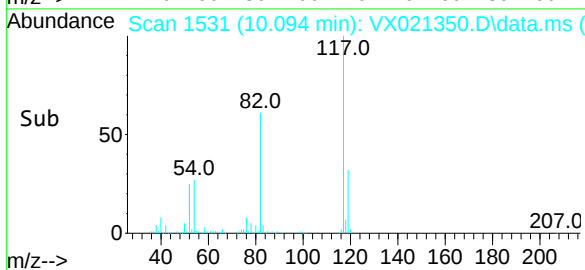
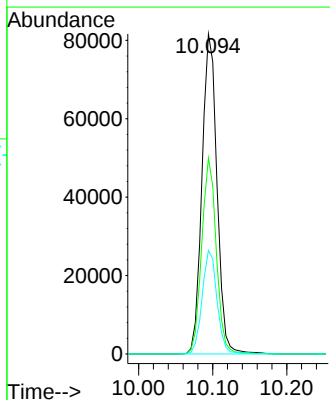
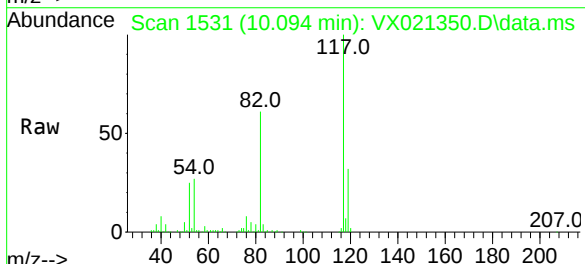
Instrument :
MSVOA_X
ClientSampleId :

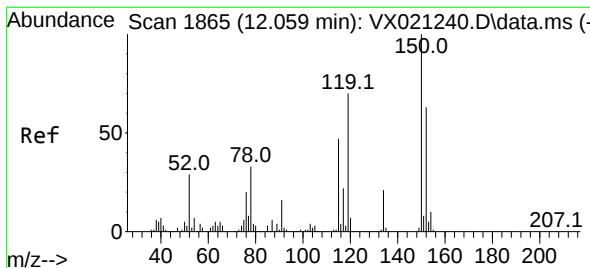
Tgt Ion: 95 Resp: 57414
Ion Ratio Lower Upper
95 100
174 72.3 0.0 154.6
176 69.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021350.D
Acq: 22 Mar 2021 12:17

Tgt Ion: 117 Resp: 114839
Ion Ratio Lower Upper
117 100
82 61.3 47.4 71.2
119 32.4 26.6 39.8

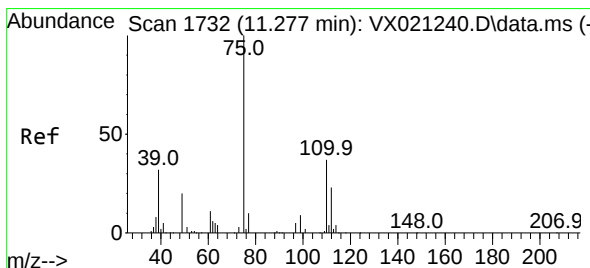
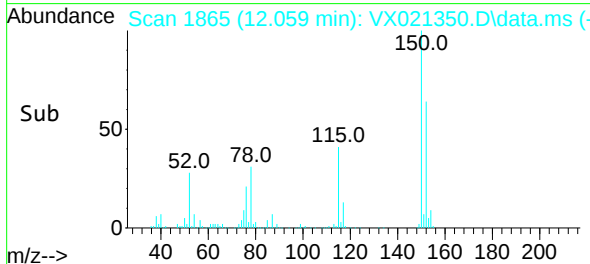
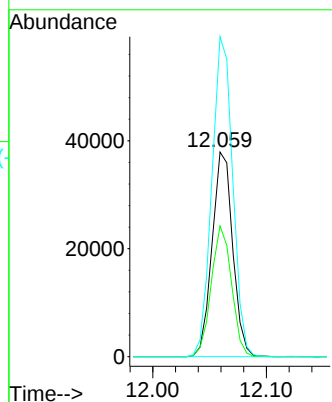
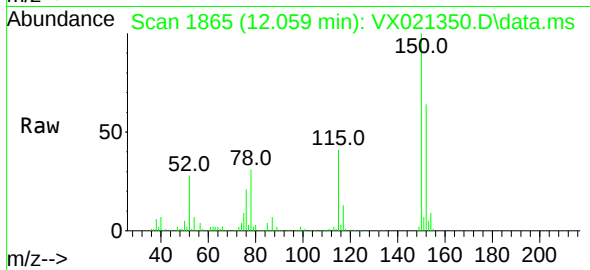




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021350.D
Acq: 22 Mar 2021 12:17

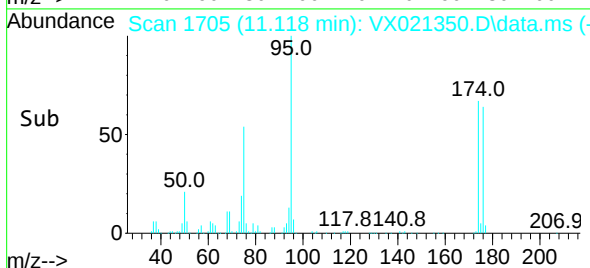
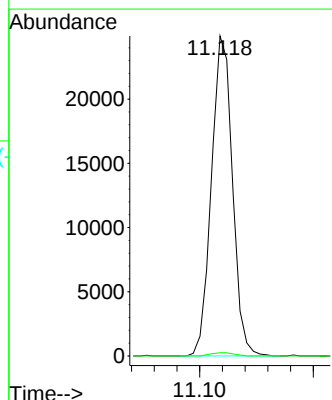
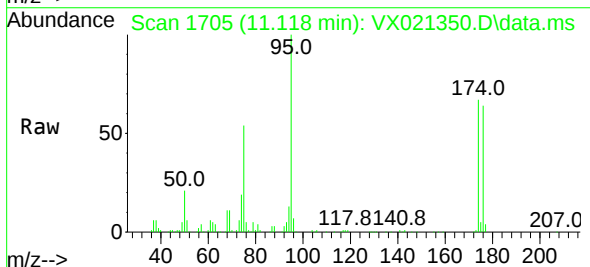
Instrument :
MSVOA_X
ClientSampled :

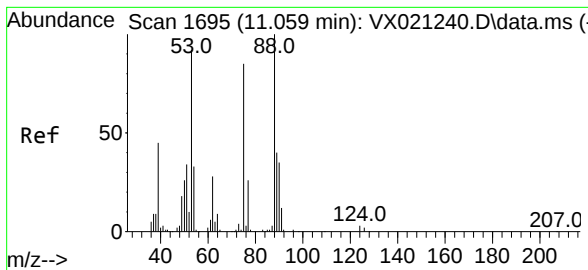
Tgt Ion:152 Resp: 47825
Ion Ratio Lower Upper
152 100
115 62.7 41.1 123.3
150 157.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 28.83 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021350.D
Acq: 22 Mar 2021 12:17

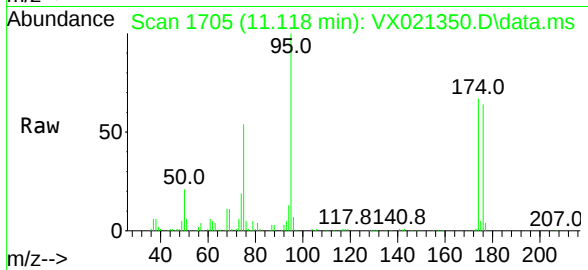
Tgt Ion: 75 Resp: 31989
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.28 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021350.D
 Acq: 22 Mar 2021 12:17

Instrument :
 MSVOA_X
 ClientSampleId :



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

