

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021410.D
 Acq On : 24 Mar 2021 01:55
 Operator : JC/MD
 Sample : M1770-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 24 03:34:52 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)

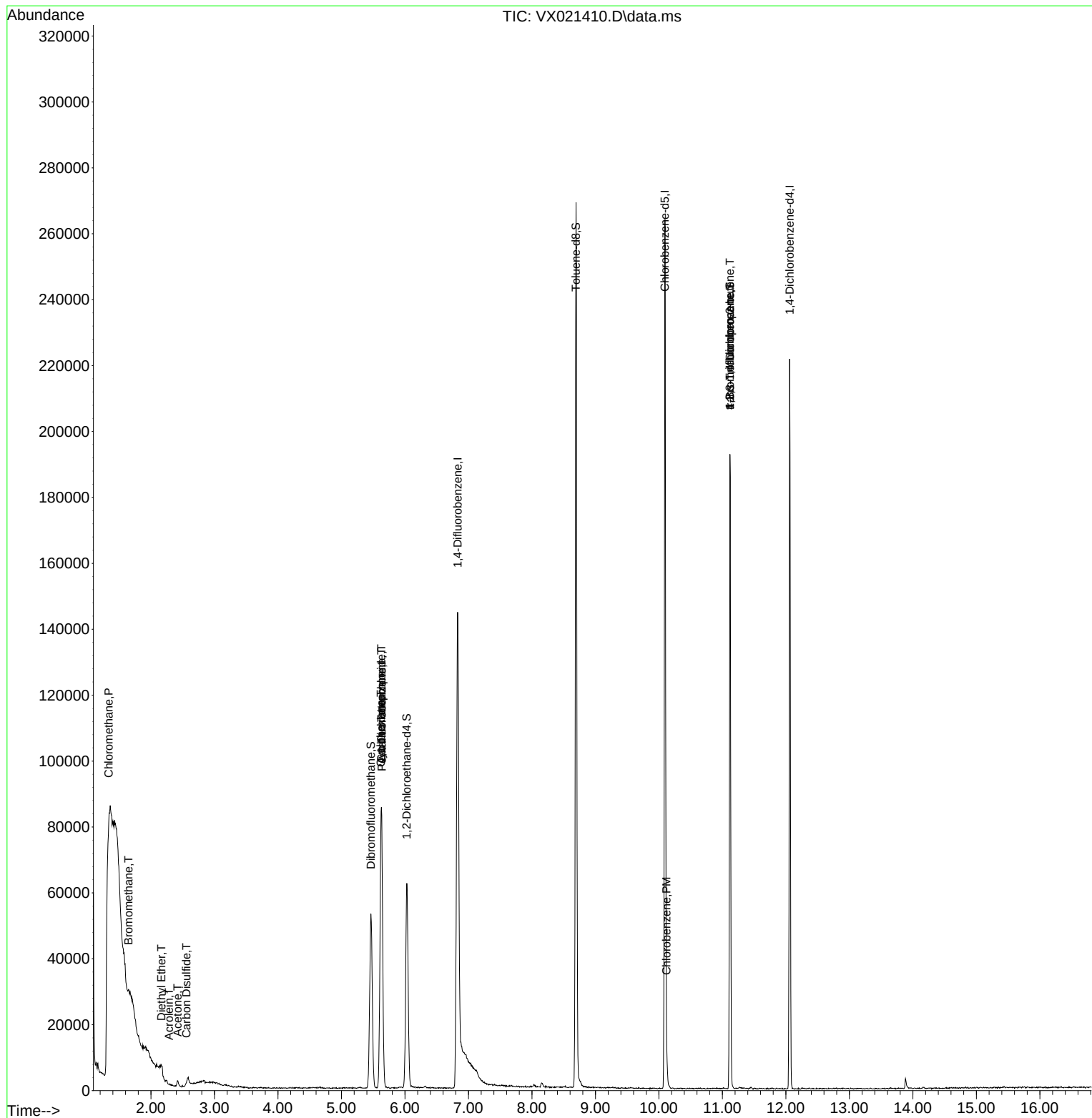
Internal Standards						
1) Pentafluorobenzene	5.635	168	75778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	126116	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	107108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	39471	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	61922	49.82	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.64%
35) Dibromofluoromethane	5.464	113	44063	51.34	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.68%
50) Toluene-d8	8.694	98	153501	49.30	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.60%
62) 4-Bromofluorobenzene	11.118	95	50422	41.70	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.40%
Target Compounds						
					Qvalue	
3) Chloromethane	1.334	50	4949	1.71	ug/l #	56
5) Bromomethane	1.646	94	89	0.22	ug/l #	76
8) Diethyl Ether	2.164	74	161	0.33	ug/l #	1
13) Acrolein	2.281	56	42	3.46	ug/l #	81
16) Acetone	2.417	43	1948	4.26	ug/l #	84
17) Carbon Disulfide	2.558	76	1523	1.21	ug/l	98
31) Cyclohexane	5.623	56	2154	1.43	ug/l #	31
36) 1,1-Dichloropropene	5.629	75	6984	5.50	ug/l #	49
38) Carbon Tetrachloride	5.629	117	8396	6.36	ug/l #	18
65) Chlorobenzene	10.118	112	3095	1.41	ug/l	97
76) 1,2,3-Trichloropropane	11.118	75	28161	30.76	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	28161	83.50	ug/l #	12

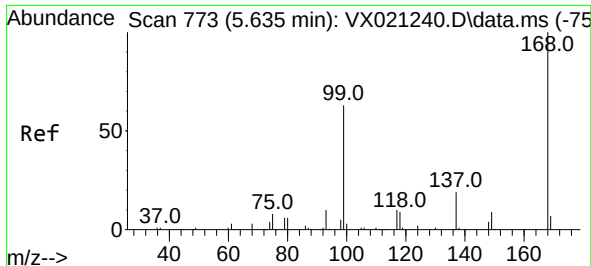
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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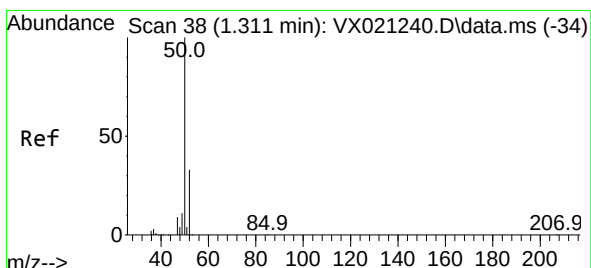
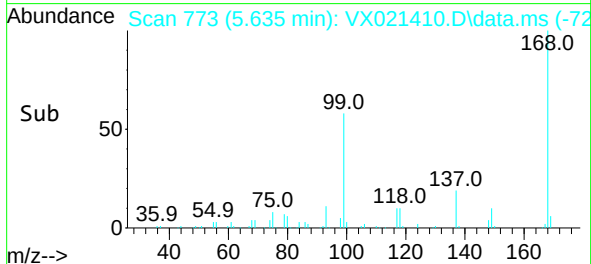
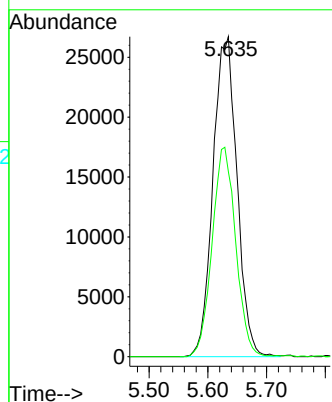
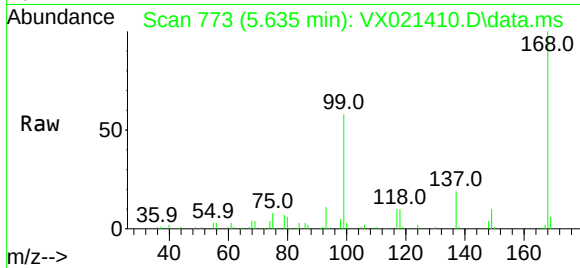




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.000 min
Lab File: VX021410.D
Acq: 24 Mar 2021 01:55

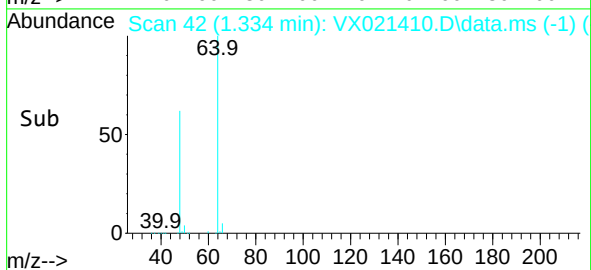
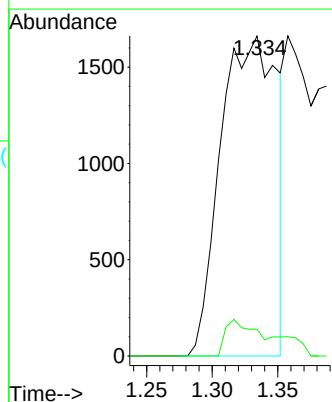
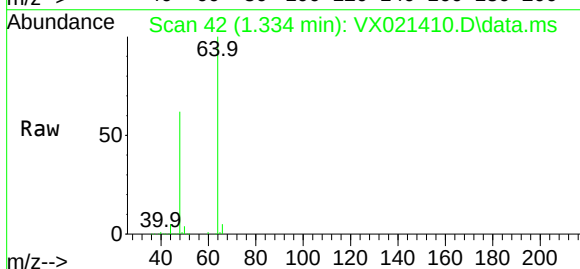
Instrument :
MSVOA_X
ClientSampleId :

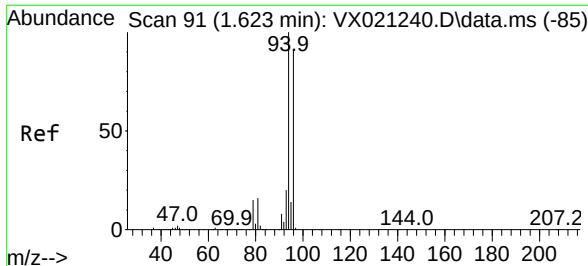
Tgt Ion:168 Resp: 75778
Ion Ratio Lower Upper
168 100
99 57.9 45.8 68.6



#3
Chloromethane
Concen: 1.71 ug/l
RT: 1.334 min Scan# 42
Delta R.T. 0.023 min
Lab File: VX021410.D
Acq: 24 Mar 2021 01:55

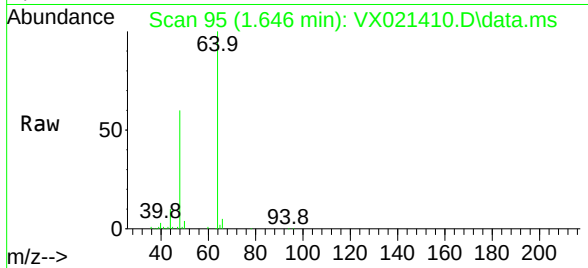
Tgt Ion: 50 Resp: 4949
Ion Ratio Lower Upper
50 100
52 8.4 26.4 39.6#



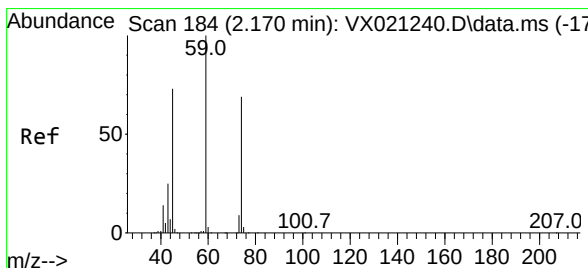
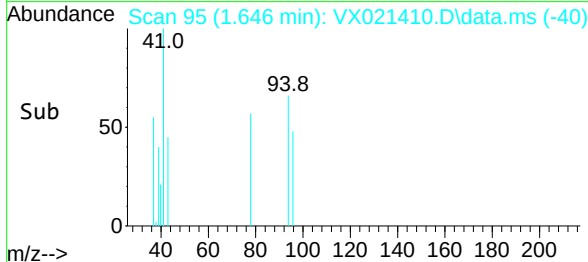
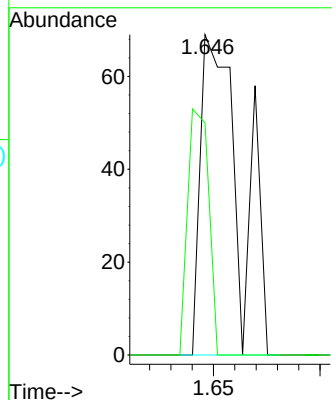


#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.646 min Scan# 95
Delta R.T. 0.023 min
Lab File: VX021410.D
Acq: 24 Mar 2021 01:55

Instrument :
MSVOA_X
ClientSampleId :

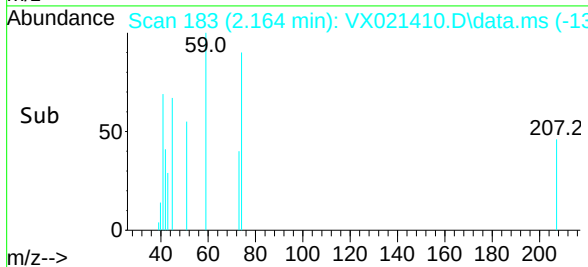
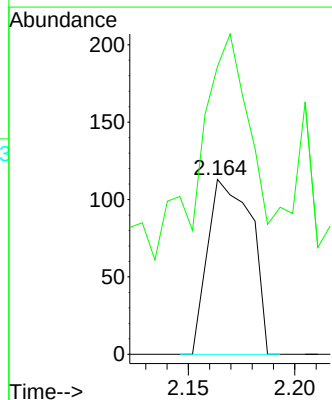
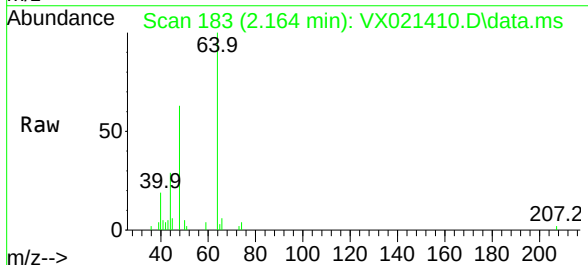


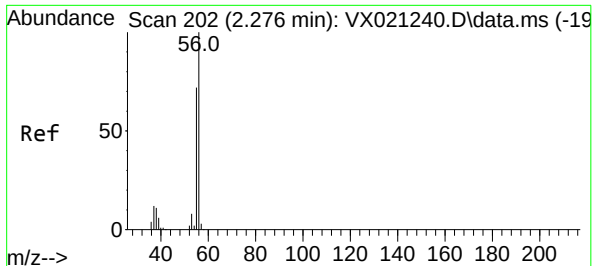
Tgt Ion: 94 Resp: 89
Ion Ratio Lower Upper
94 100
96 72.5 76.4 114.6#



#8
Diethyl Ether
Concen: 0.33 ug/l
RT: 2.164 min Scan# 183
Delta R.T. -0.006 min
Lab File: VX021410.D
Acq: 24 Mar 2021 01:55

Tgt Ion: 74 Resp: 161
Ion Ratio Lower Upper
74 100
45 203.1 44.5 133.5#





#13

Acrolein

Concen: 3.46 ug/l

RT: 2.281 min Scan# 203

Delta R.T. 0.005 min

Lab File: VX021410.D

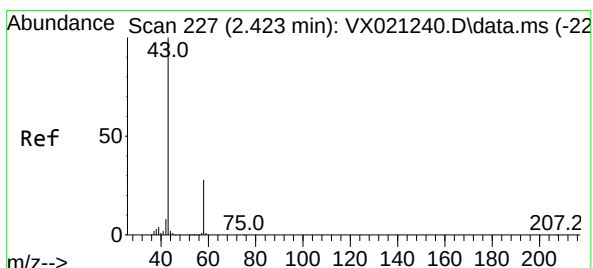
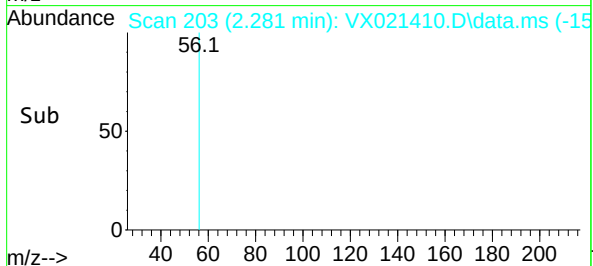
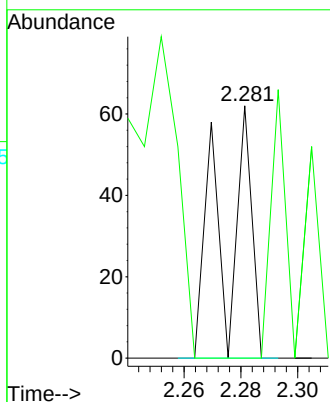
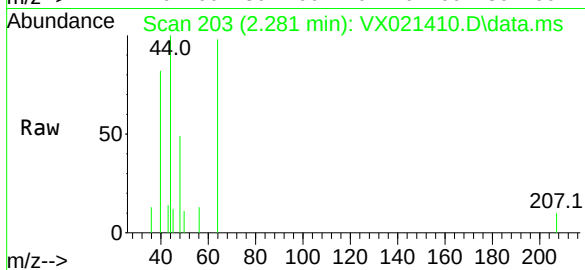
Acq: 24 Mar 2021 01:55

Tgt Ion: 56 Resp: 42

Ion Ratio Lower Upper

56 100

55 54.8 56.4 84.6#



#16

Acetone

Concen: 4.26 ug/l

RT: 2.417 min Scan# 226

Delta R.T. -0.006 min

Lab File: VX021410.D

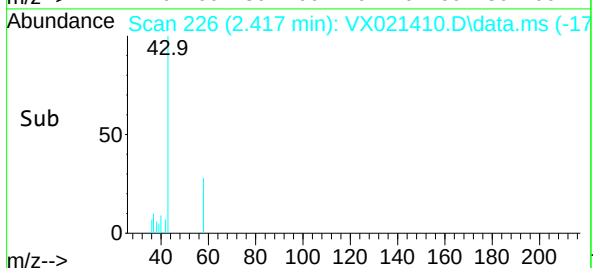
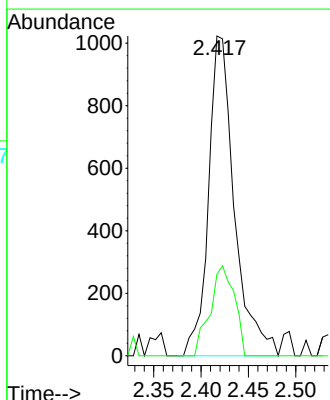
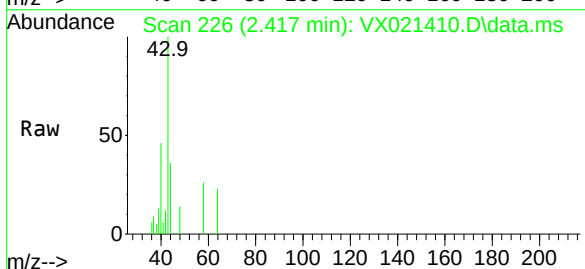
Acq: 24 Mar 2021 01:55

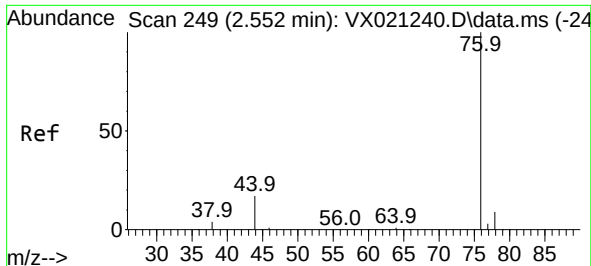
Tgt Ion: 43 Resp: 1948

Ion Ratio Lower Upper

43 100

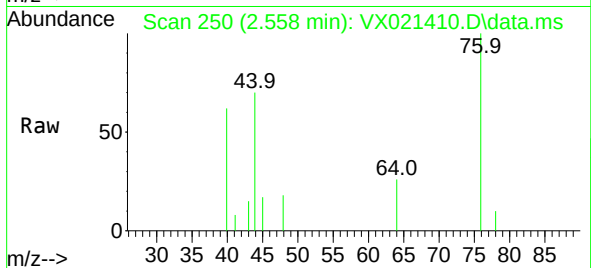
58 25.5 27.8 41.8#



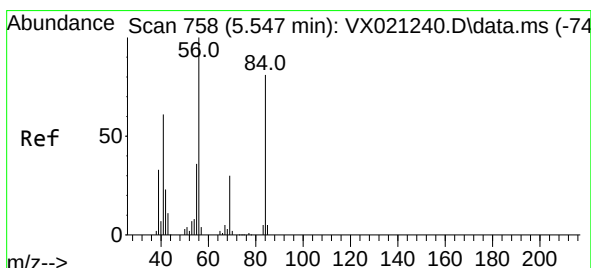
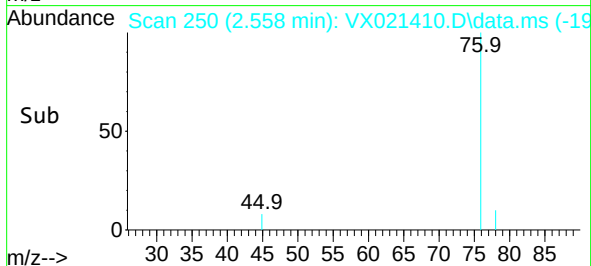
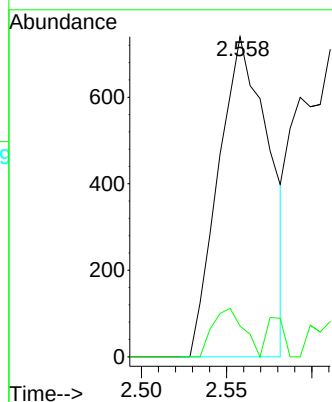


#17
Carbon Disulfide
Concen: 1.21 ug/l
RT: 2.558 min Scan# 250
Delta R.T. 0.006 min
Lab File: VX021410.D
Acq: 24 Mar 2021 01:55

Instrument :
MSVOA_X
ClientSampled :

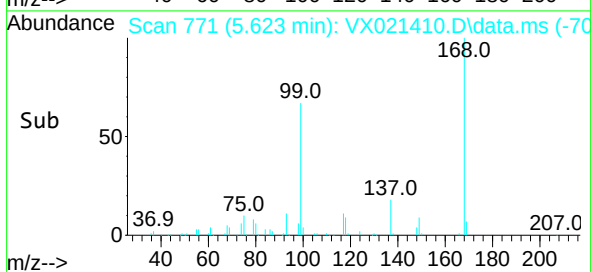
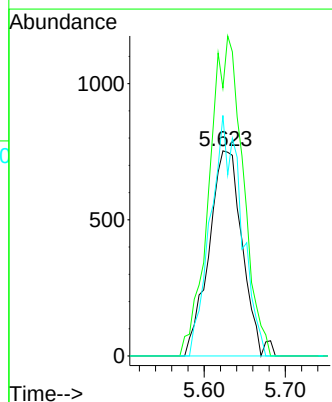
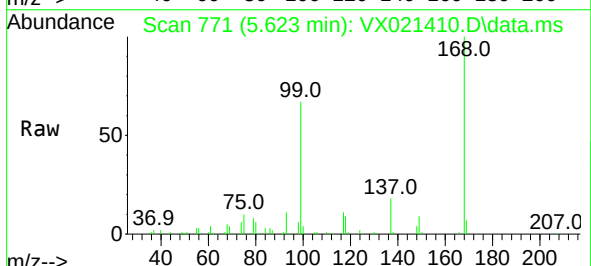


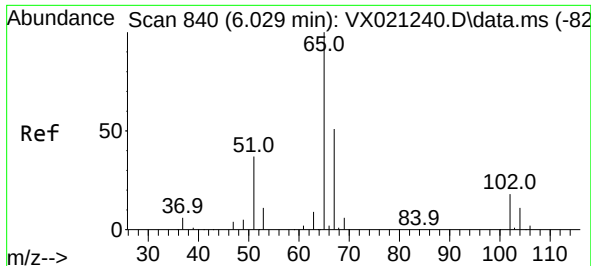
Tgt Ion: 76 Resp: 1523
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8



#31
Cyclohexane
Concen: 1.43 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021410.D
Acq: 24 Mar 2021 01:55

Tgt Ion: 56 Resp: 2154
Ion Ratio Lower Upper
56 100
69 130.7 25.3 37.9#
84 117.3 71.4 107.0#

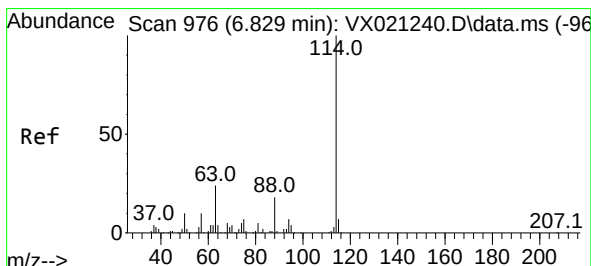
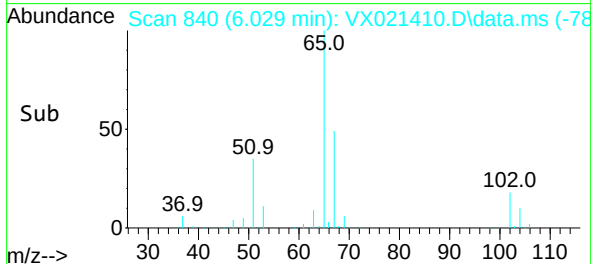
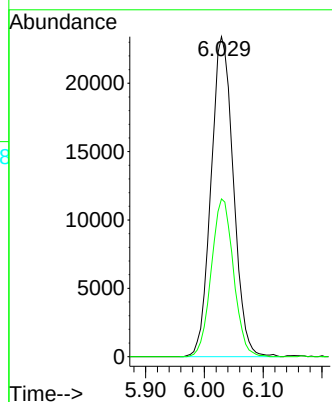
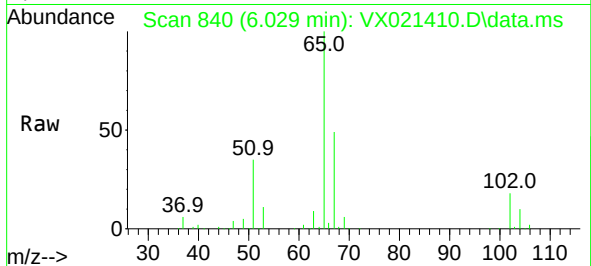




#33
 1,2-Dichloroethane-d4
 Concen: 49.82 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. -0.000 min
 Lab File: VX021410.D
 Acq: 24 Mar 2021 01:55

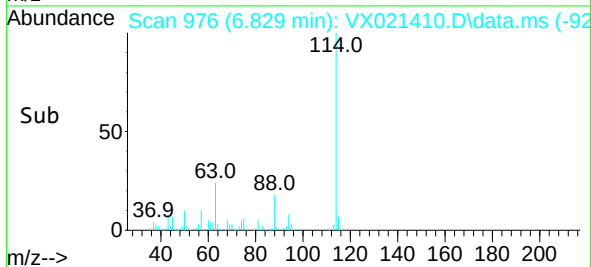
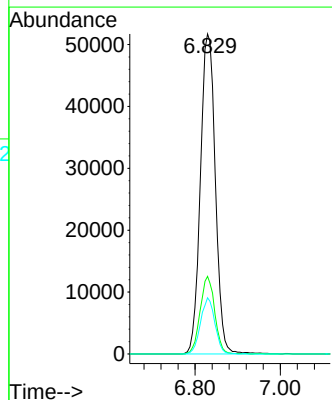
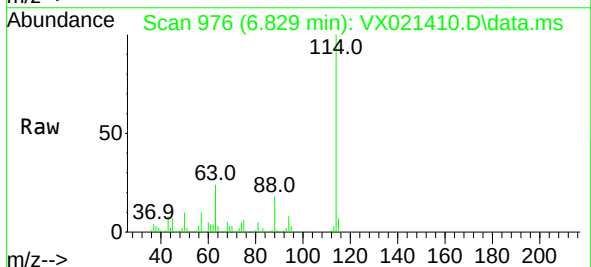
Instrument :
 MSVOA_X
 ClientSampleId :

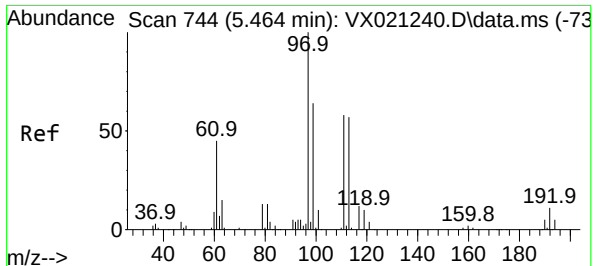
Tgt Ion: 65 Resp: 61922
 Ion Ratio Lower Upper
 65 100
 67 48.8 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. 0.000 min
 Lab File: VX021410.D
 Acq: 24 Mar 2021 01:55

Tgt Ion: 114 Resp: 126116
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 40.8
 88 17.6 0.0 32.8

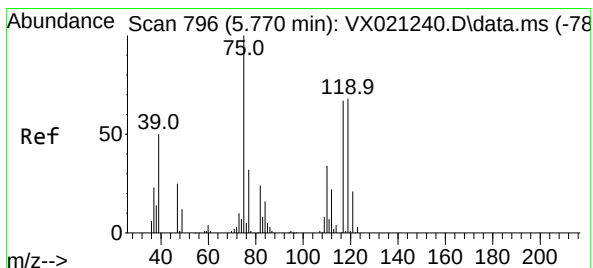
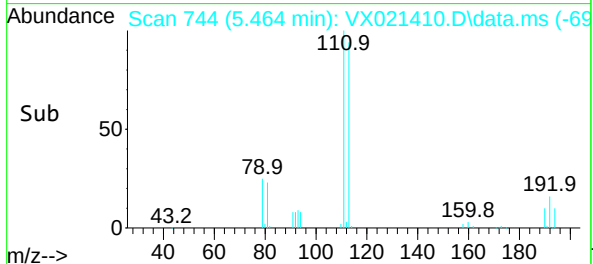
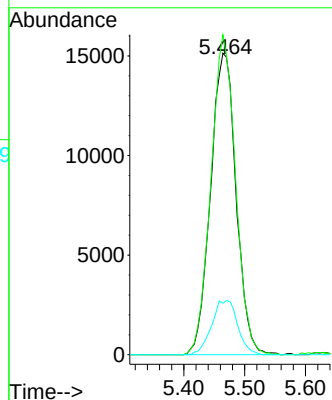
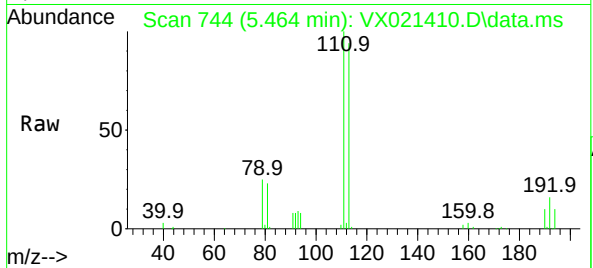




#35
Dibromofluoromethane
Concen: 51.34 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021410.D
Acq: 24 Mar 2021 01:55

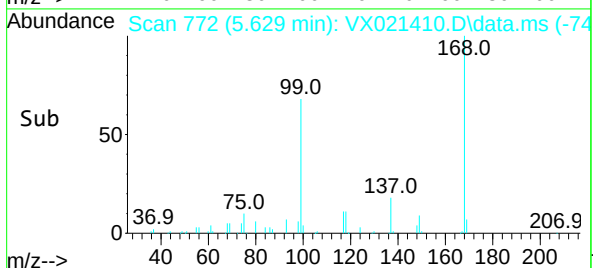
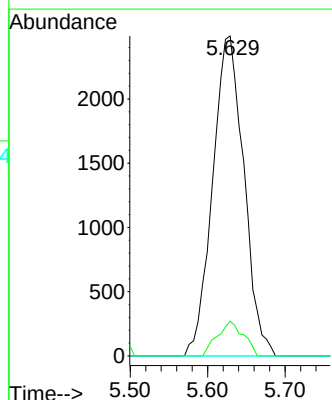
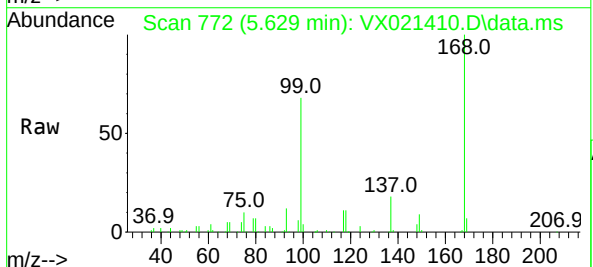
Instrument :
MSVOA_X
ClientSampleId :

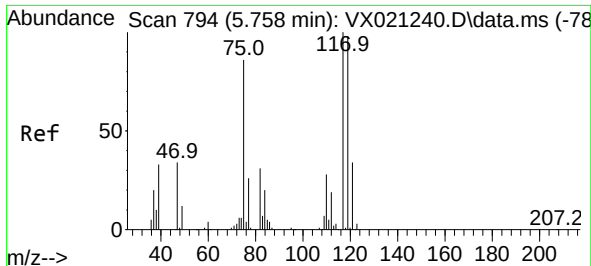
Tgt Ion:113 Resp: 44063
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 18.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.50 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021410.D
Acq: 24 Mar 2021 01:55

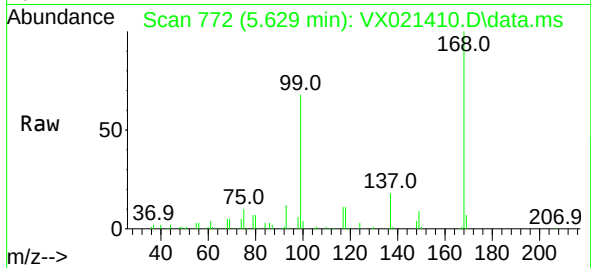
Tgt Ion: 75 Resp: 6984
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



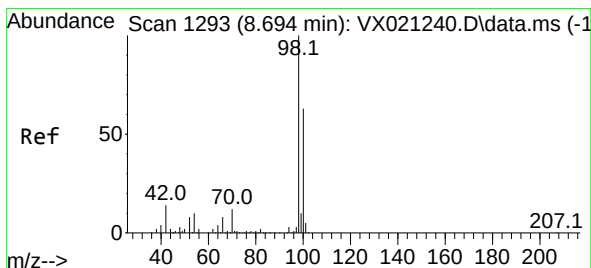
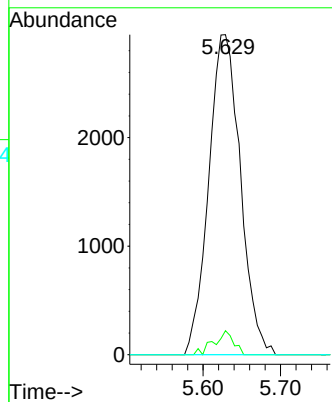
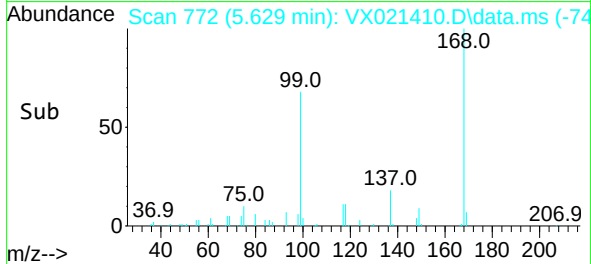


#38
Carbon Tetrachloride
Concen: 6.36 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.129 min
Lab File: VX021410.D
Acq: 24 Mar 2021 01:55

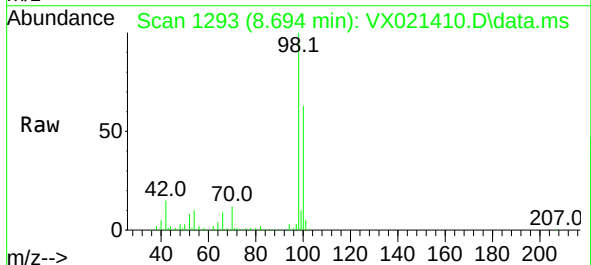
Instrument :
MSVOA_X
ClientSampled :



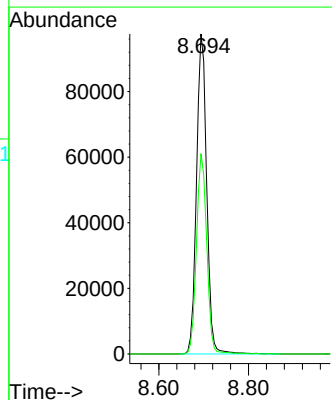
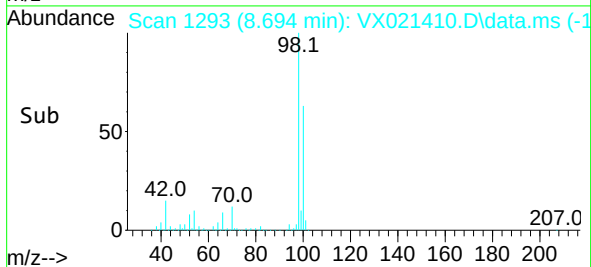
Tgt Ion:117 Resp: 8396
Ion Ratio Lower Upper
117 100
119 7.5 76.2 114.2#
121 0.0 24.8 37.2#

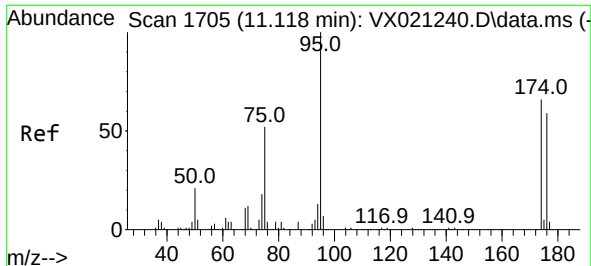


#50
Toluene-d8
Concen: 49.30 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021410.D
Acq: 24 Mar 2021 01:55



Tgt Ion: 98 Resp: 153501
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9

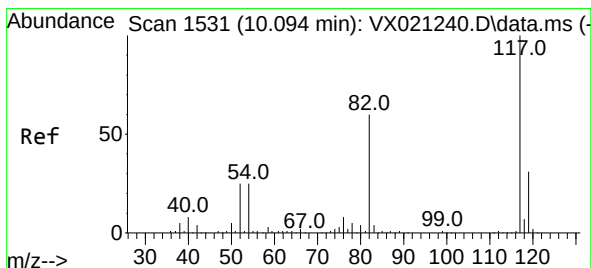
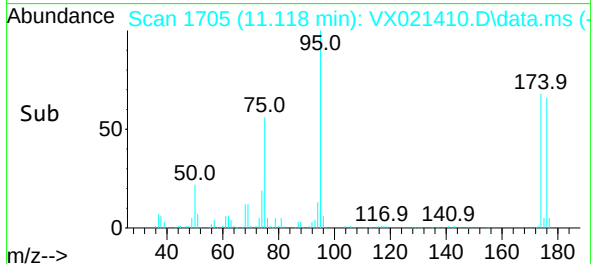
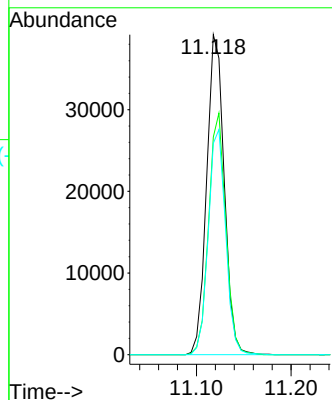
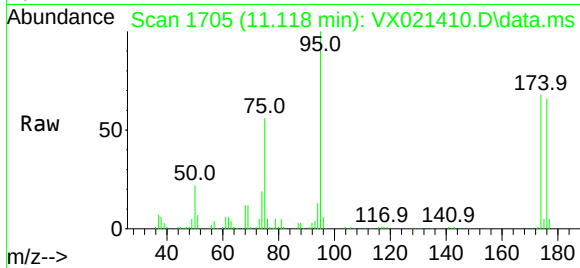




#62
4-Bromofluorobenzene
Concen: 41.70 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021410.D
Acq: 24 Mar 2021 01:55

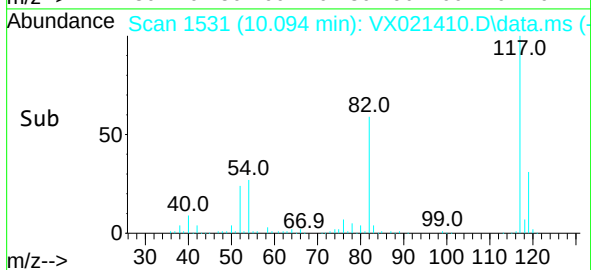
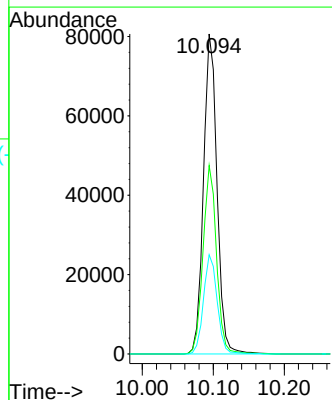
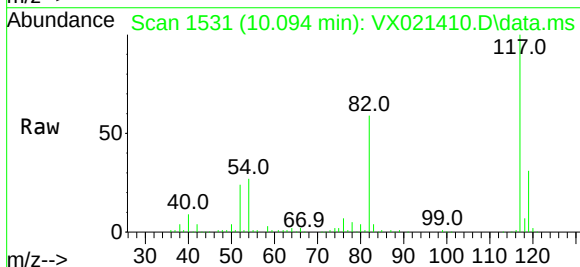
Instrument :
MSVOA_X
ClientSampleId :

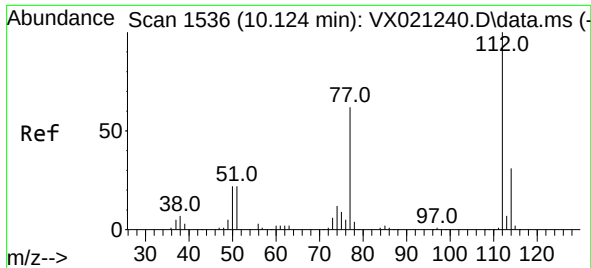
Tgt Ion: 95 Resp: 50422
Ion Ratio Lower Upper
95 100
174 73.9 0.0 154.6
176 69.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021410.D
Acq: 24 Mar 2021 01:55

Tgt Ion: 117 Resp: 107108
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 31.0 26.6 39.8

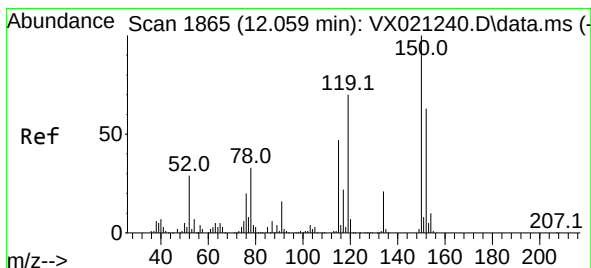
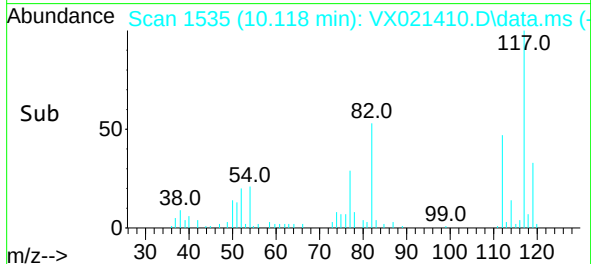
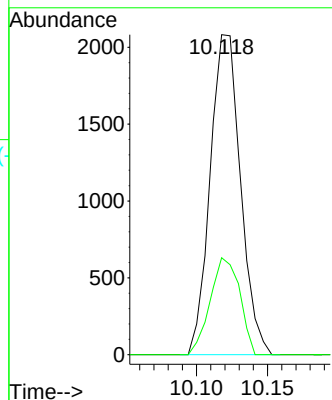
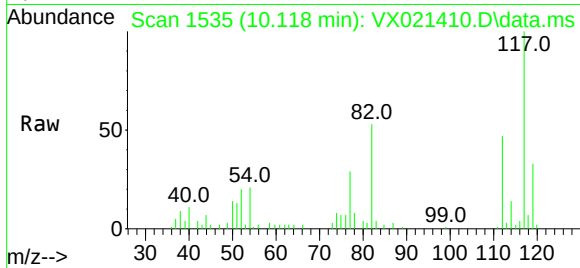




#65
Chlorobenzene
Concen: 1.41 ug/l
RT: 10.118 min Scan# 1535
Delta R.T. -0.006 min
Lab File: VX021410.D
Acq: 24 Mar 2021 01:55

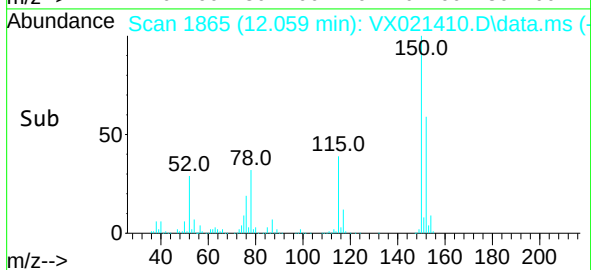
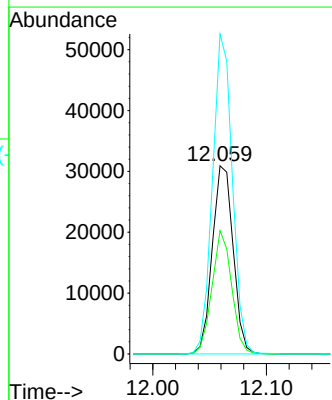
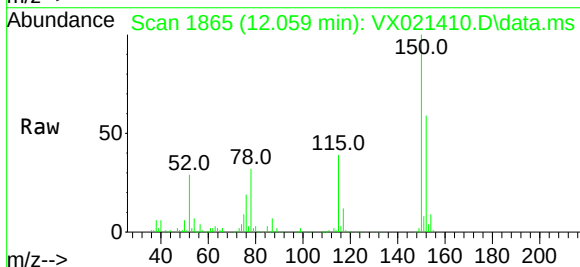
Instrument :
MSVOA_X
ClientSampleId :

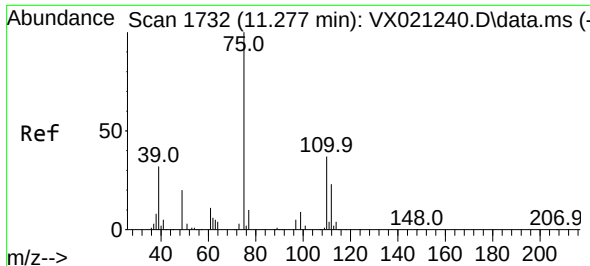
Tgt Ion:112 Resp: 3095
Ion Ratio Lower Upper
112 100
114 30.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021410.D
Acq: 24 Mar 2021 01:55

Tgt Ion:152 Resp: 39471
Ion Ratio Lower Upper
152 100
115 61.7 41.1 123.3
150 161.7 0.0 349.0

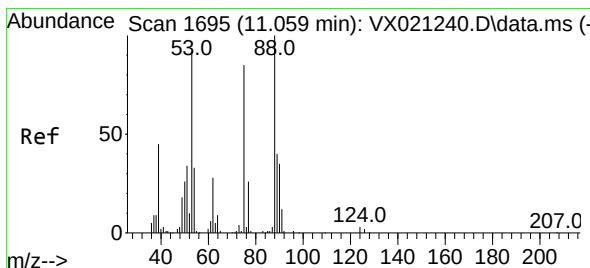
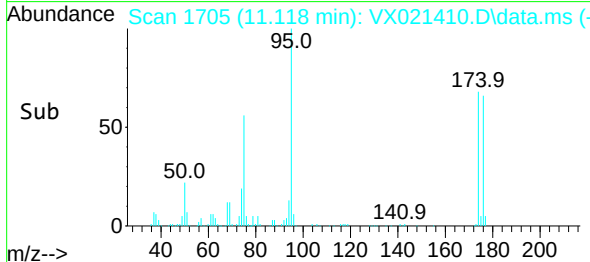
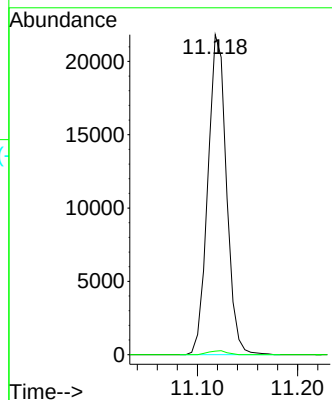
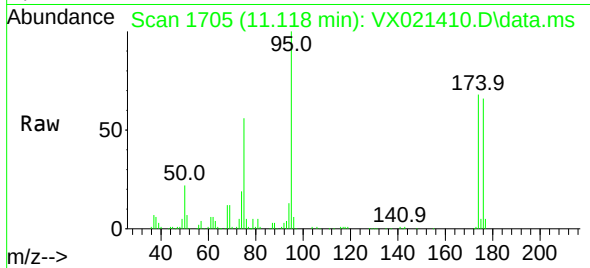




#76
1,2,3-Trichloropropane
Concen: 30.76 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021410.D
Acq: 24 Mar 2021 01:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 28161
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.50 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021410.D
Acq: 24 Mar 2021 01:55

Tgt Ion: 75 Resp: 28161
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

