

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021309.D
 Acq On : 19 Mar 2021 18:00
 Operator : JC/MD
 Sample : M1742-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CAL-IDWTANK1-20210318

Quant Time: Mar 20 06:34:47 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)

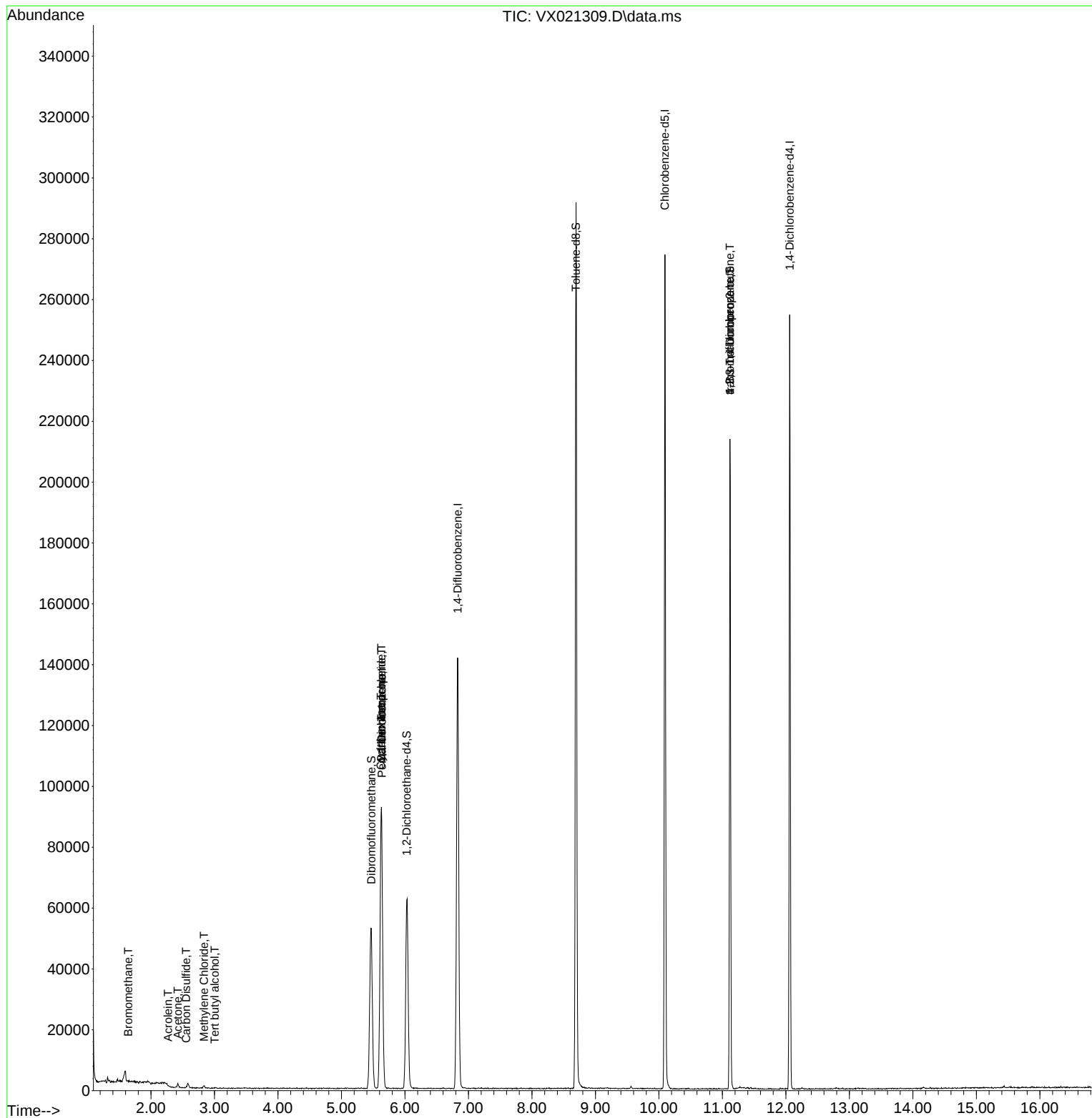
Internal Standards						
1) Pentafluorobenzene	5.635	168	79602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	132275	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	112415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	47522	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	62912	48.19	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.38%		
35) Dibromofluoromethane	5.470	113	44327	49.25	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.50%		
50) Toluene-d8	8.694	98	158883	48.65	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.30%		
62) 4-Bromofluorobenzene	11.118	95	55353	43.64	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.28%		
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1760	Below Cal		100
5) Bromomethane	1.640	94	155	0.37 ug/l #		44
11) Tert butyl alcohol	3.005	59	101	0.46 ug/l #		73
13) Acrolein	2.270	56	19	3.27 ug/l #		1
16) Acetone	2.423	43	1398	2.91 ug/l		94
17) Carbon Disulfide	2.552	76	125	0.59 ug/l #		75
20) Methylene Chloride	2.834	84	286	0.29 ug/l #		83
31) Cyclohexane	5.623	56	2197	1.39 ug/l #		18
36) 1,1-Dichloropropene	5.629	75	7275	5.46 ug/l #		49
38) Carbon Tetrachloride	5.629	117	9015	6.51 ug/l #		16
76) 1,2,3-Trichloropropane	11.118	75	31299	28.39 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.118	75	31299	77.08 ug/l #		12

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

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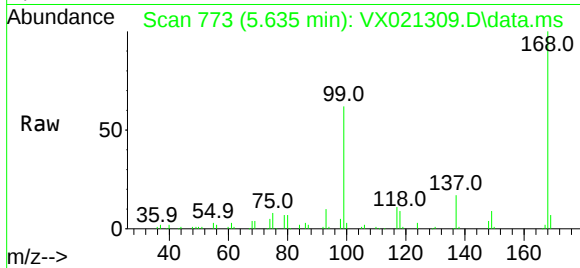
Quant Time: Mar 20 06:34:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
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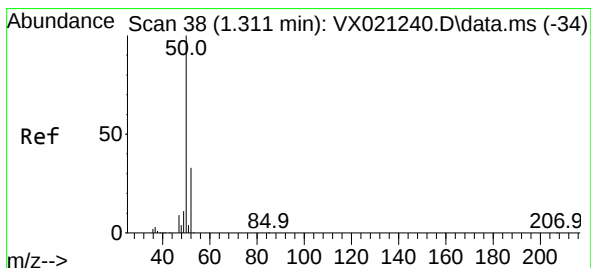
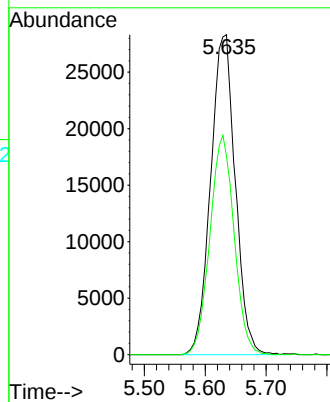
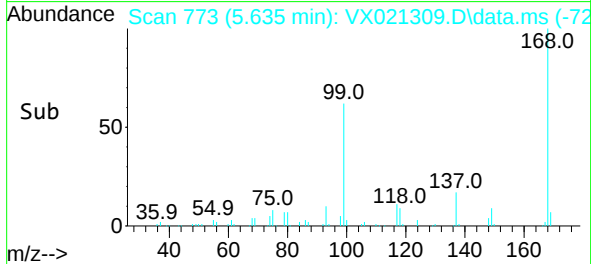


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.000 min
Lab File: VX021309.D
Acq: 19 Mar 2021 18:00

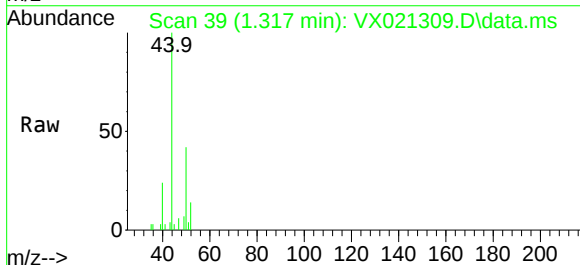
Instrument :
MSVOA_X
ClientSampleId :
CAL-IDWTANK1-20210318



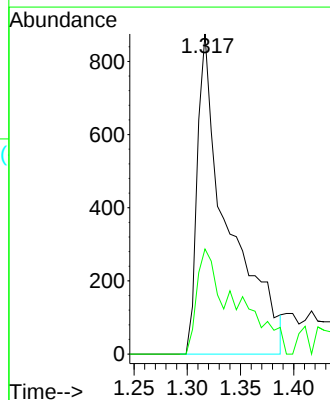
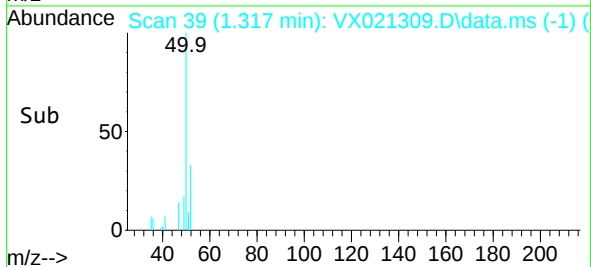
Tgt Ion:168 Resp: 79602
Ion Ratio Lower Upper
168 100
99 62.1 45.8 68.6

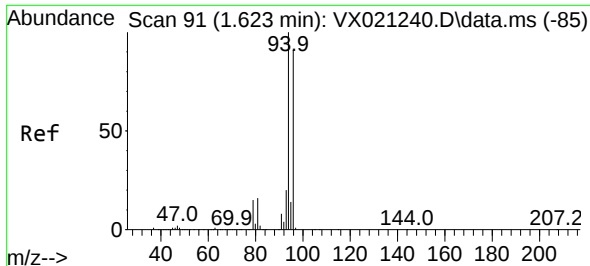


#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021309.D
Acq: 19 Mar 2021 18:00



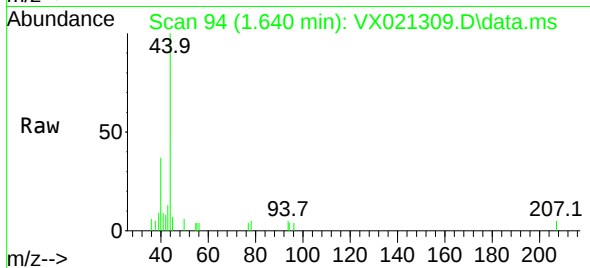
Tgt Ion: 50 Resp: 1760
Ion Ratio Lower Upper
50 100
52 32.8 26.4 39.6



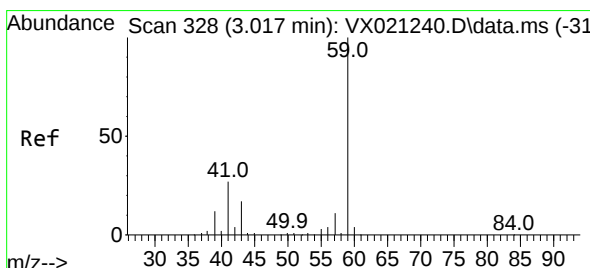
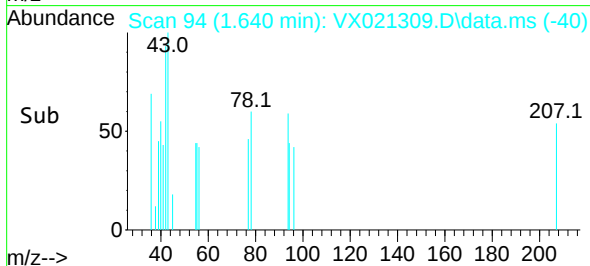
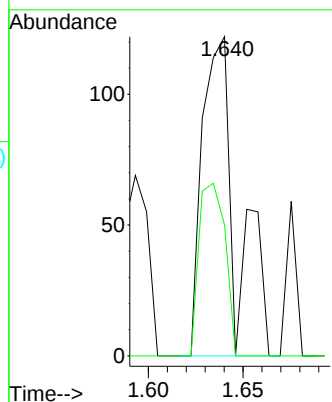


#5
Bromomethane
Concen: 0.37 ug/l
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021309.D
Acq: 19 Mar 2021 18:00

Instrument :
MSVOA_X
ClientSampleId :
CAL-IDWTANK1-20210318

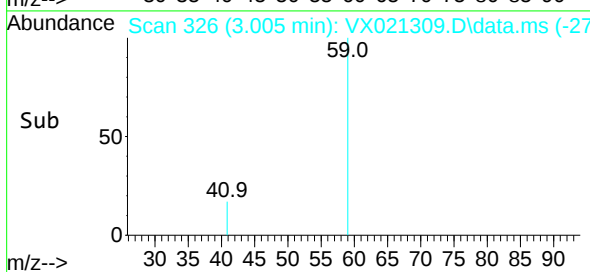
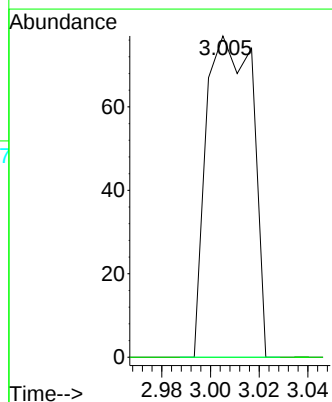
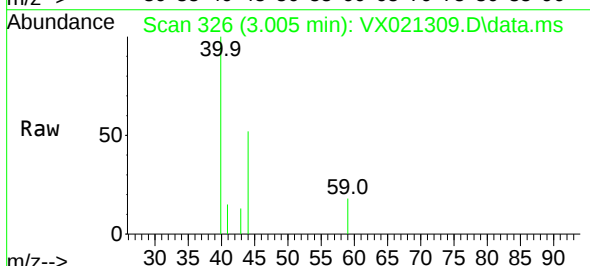


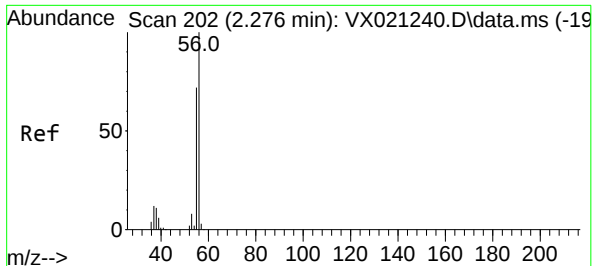
Tgt Ion: 94 Resp: 155
Ion Ratio Lower Upper
94 100
96 41.0 76.4 114.6#



#11
Tert butyl alcohol
Concen: 0.46 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.012 min
Lab File: VX021309.D
Acq: 19 Mar 2021 18:00

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

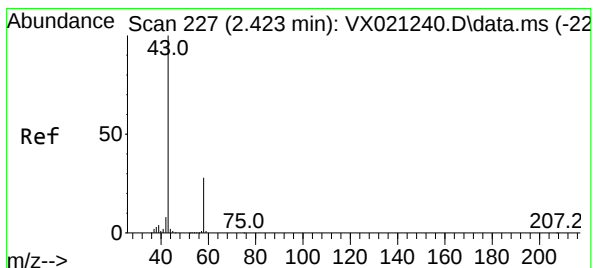
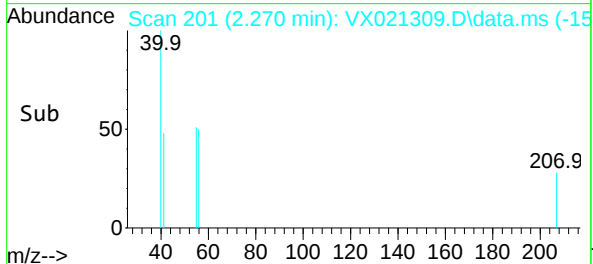
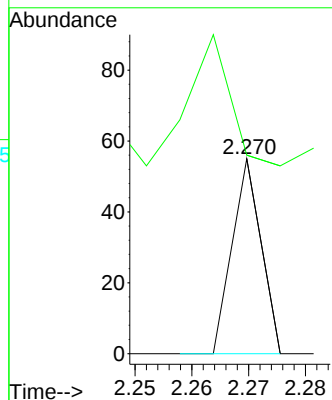
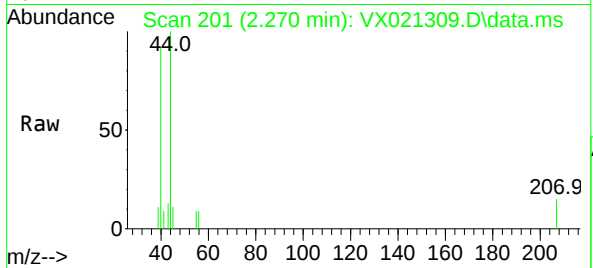




#13
Acrolein
Concen: 3.27 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021309.D
Acq: 19 Mar 2021 18:00

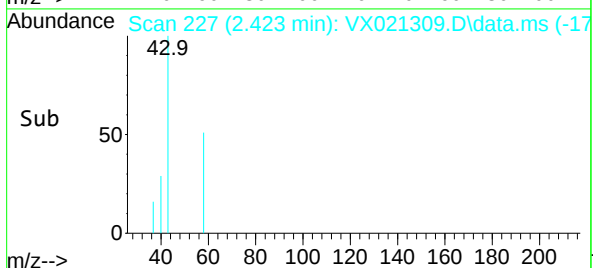
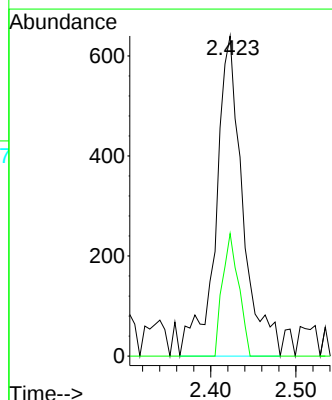
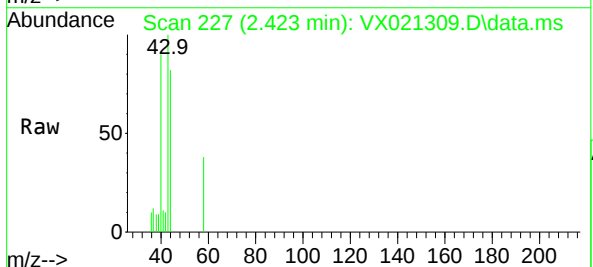
Instrument :
MSVOA_X
ClientSampleId :
CAL-IDWTANK1-20210318

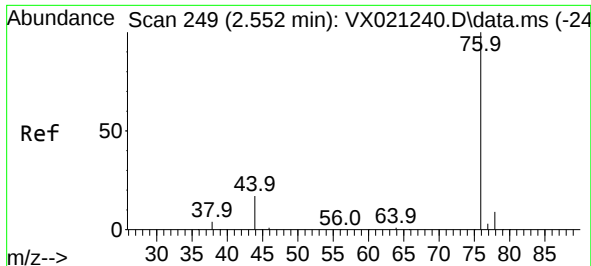
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 826.3 56.4 84.6#



#16
Acetone
Concen: 2.91 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021309.D
Acq: 19 Mar 2021 18:00

Tgt Ion: 43 Resp: 1398
Ion Ratio Lower Upper
43 100
58 38.3 27.8 41.8

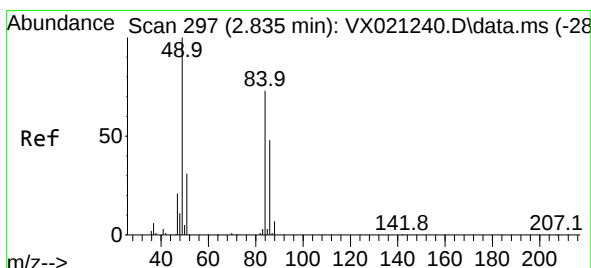
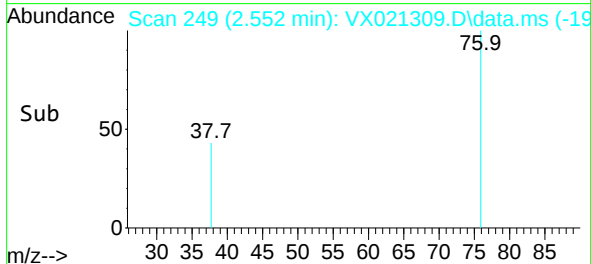
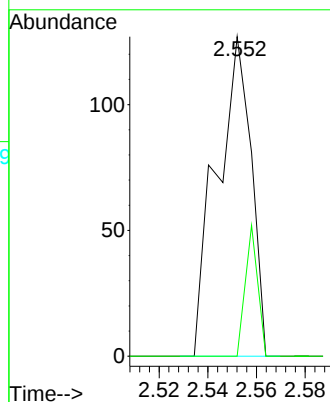
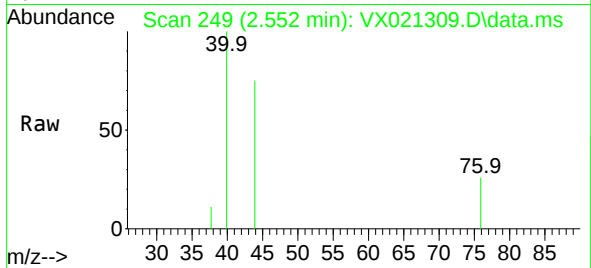




#17
Carbon Disulfide
Concen: 0.59 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX021309.D
Acq: 19 Mar 2021 18:00

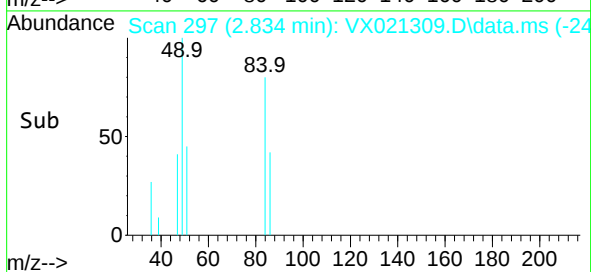
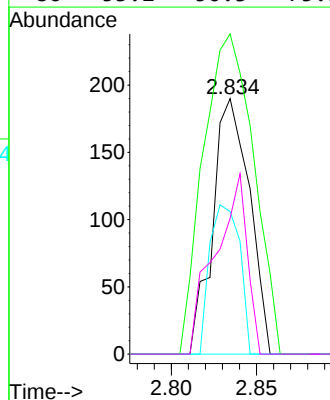
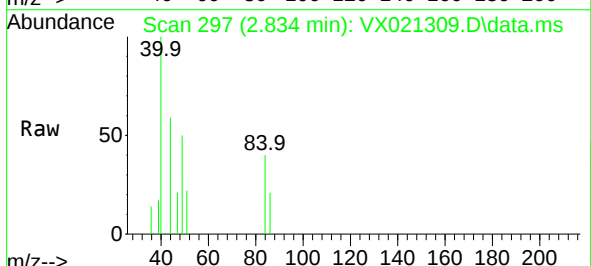
Instrument :
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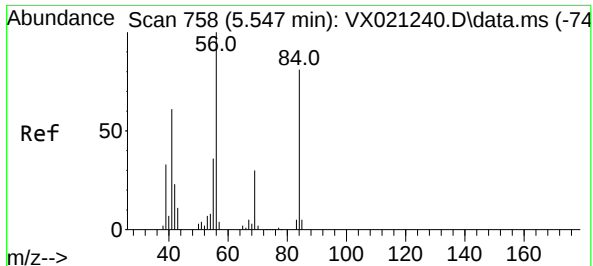
Tgt Ion: 76 Resp: 125
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.29 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.001 min
Lab File: VX021309.D
Acq: 19 Mar 2021 18:00

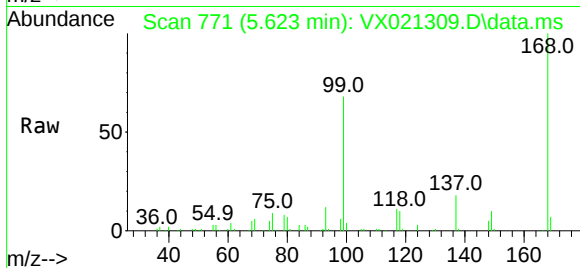
Tgt Ion: 84 Resp: 286
Ion Ratio Lower Upper
84 100
49 125.3 88.6 132.8
51 55.8 27.0 40.6#
86 53.2 50.3 75.5



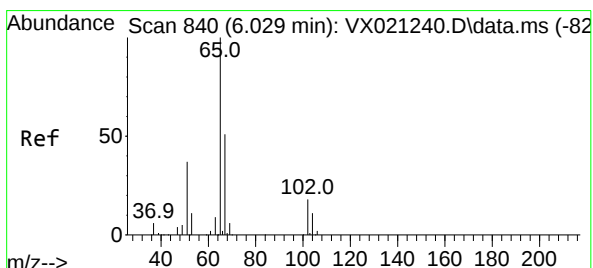
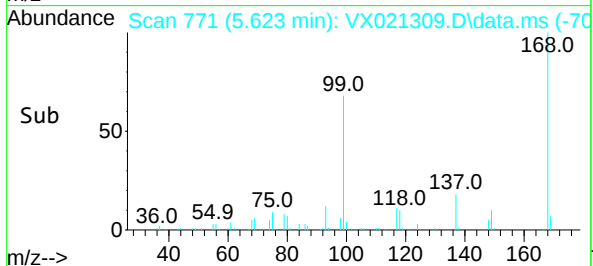
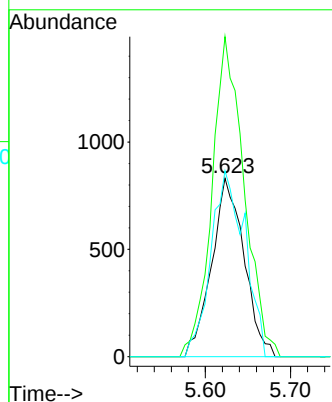


#31
Cyclohexane
Concen: 1.39 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021309.D
Acq: 19 Mar 2021 18:00

Instrument :
MSVOA_X
ClientSampleId :
CAL-IDWTANK1-20210318

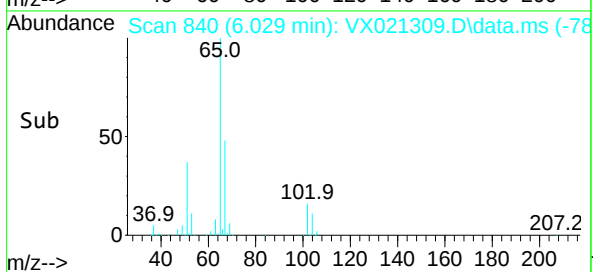
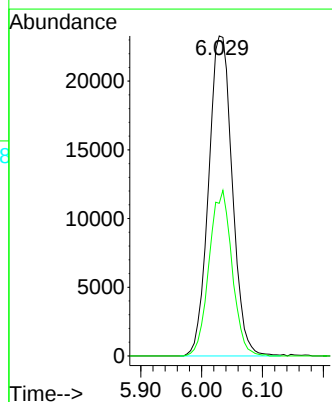
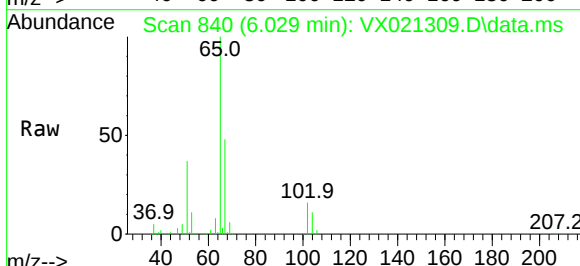


Tgt Ion: 56 Resp: 2197
Ion Ratio Lower Upper
56 100
69 179.4 25.3 37.9#
84 104.2 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 48.19 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021309.D
Acq: 19 Mar 2021 18:00

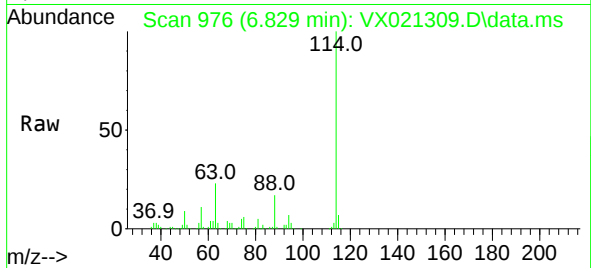
Tgt Ion: 65 Resp: 62912
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4



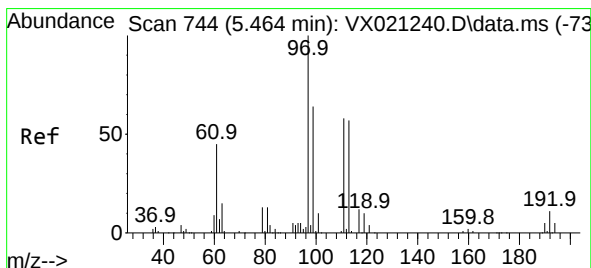
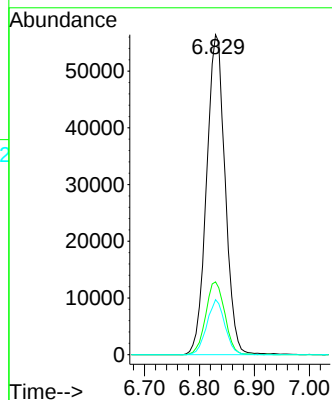
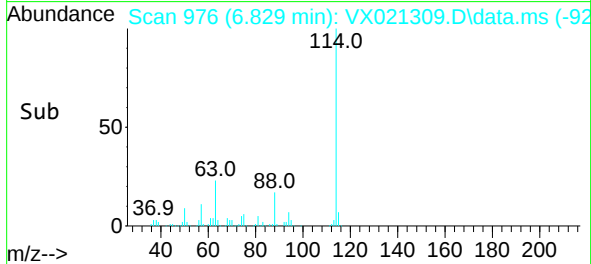


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021309.D
Acq: 19 Mar 2021 18:00

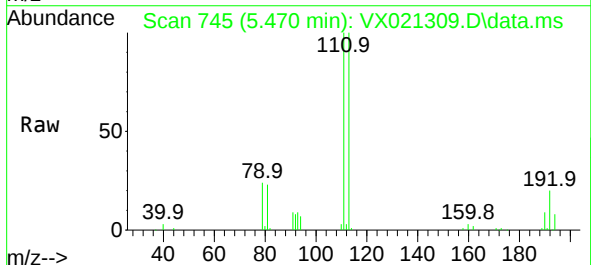
Instrument :
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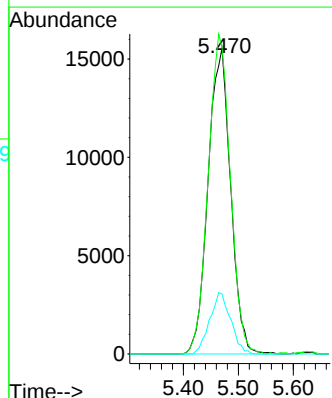
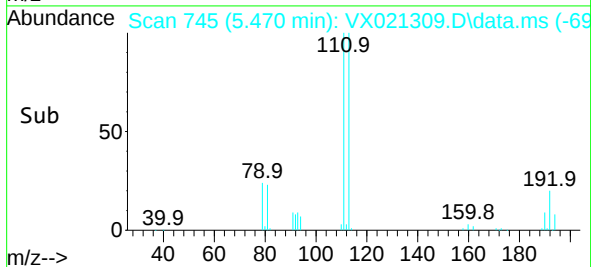
Tgt Ion:114 Resp: 132275
Ion Ratio Lower Upper
114 100
63 22.8 0.0 40.8
88 17.2 0.0 32.8

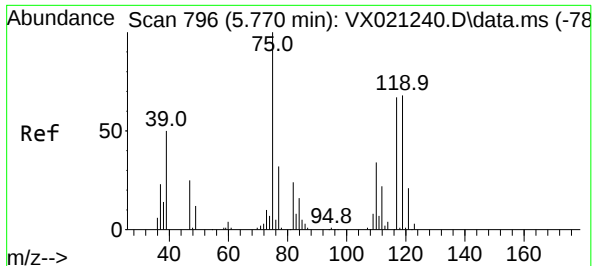


#35
Dibromofluoromethane
Concen: 49.25 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021309.D
Acq: 19 Mar 2021 18:00



Tgt Ion:113 Resp: 44327
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 18.6 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.46 ug/l

RT: 5.629 min Scan# 772

Delta R.T. -0.141 min

Lab File: VX021309.D

Acq: 19 Mar 2021 18:00

Tgt Ion: 75 Resp: 7275

Ion Ratio Lower Upper

75 100

110 8.7 18.1 54.4#

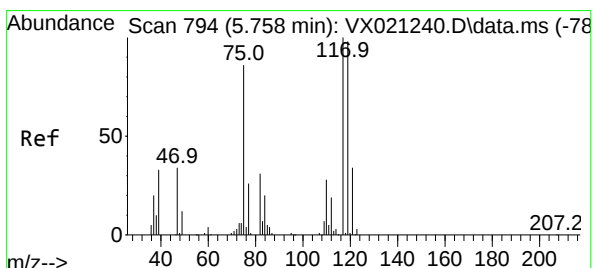
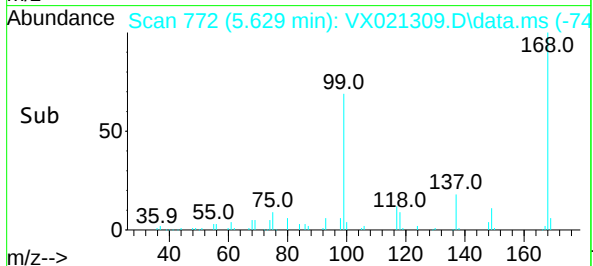
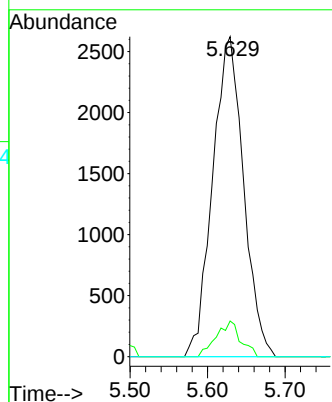
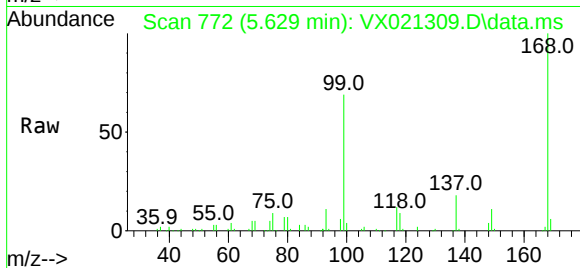
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

CAL-IDWTANK1-20210318



#38

Carbon Tetrachloride

Concen: 6.51 ug/l

RT: 5.629 min Scan# 772

Delta R.T. -0.129 min

Lab File: VX021309.D

Acq: 19 Mar 2021 18:00

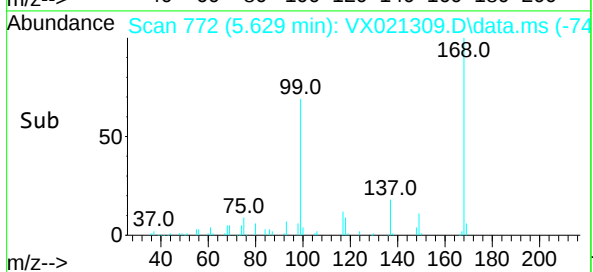
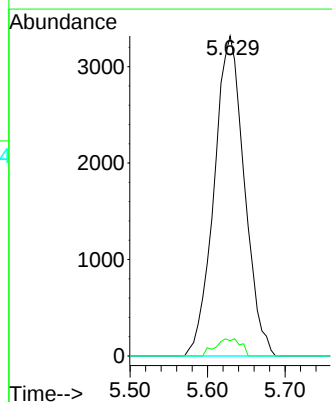
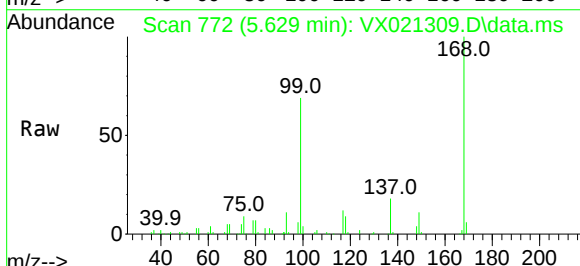
Tgt Ion: 117 Resp: 9015

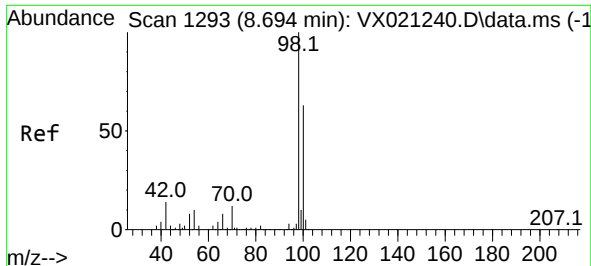
Ion Ratio Lower Upper

117 100

119 4.7 76.2 114.2#

121 0.0 24.8 37.2#

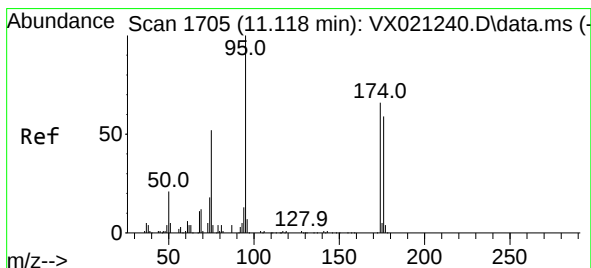
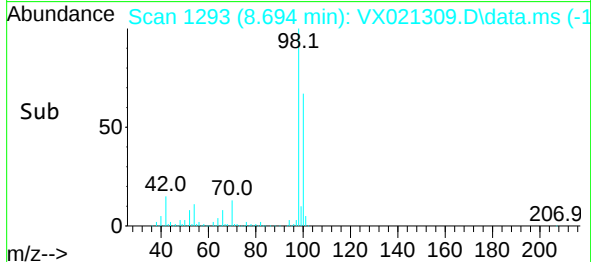
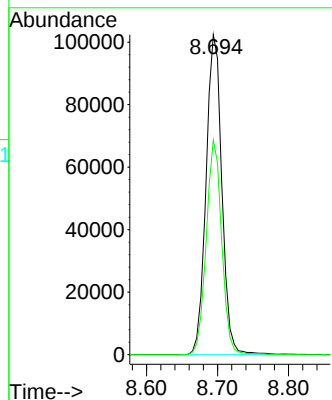
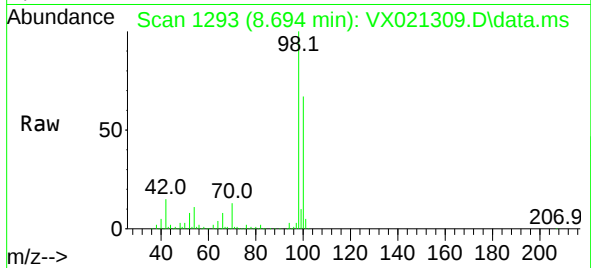




#50
Toluene-d8
Concen: 48.65 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021309.D
Acq: 19 Mar 2021 18:00

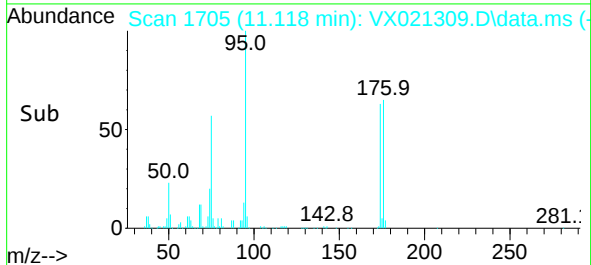
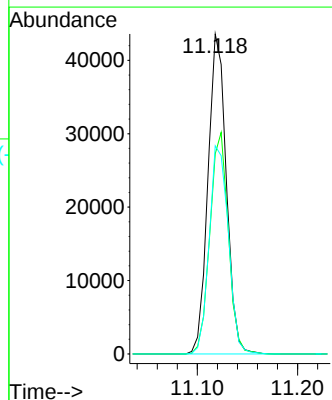
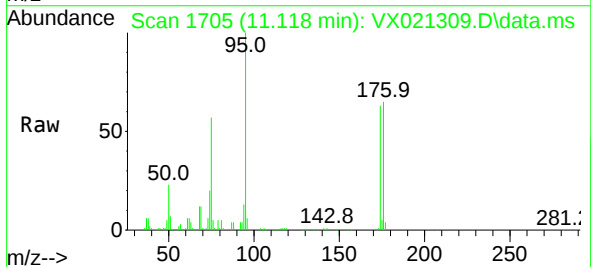
Instrument :
MSVOA_X
ClientSampleId :
CAL-IDWTANK1-20210318

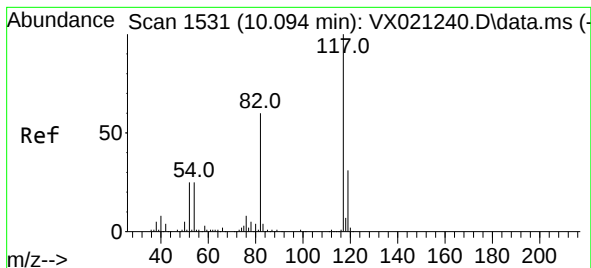
Tgt Ion: 98 Resp: 158883
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.64 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021309.D
Acq: 19 Mar 2021 18:00

Tgt Ion: 95 Resp: 55353
Ion Ratio Lower Upper
95 100
174 69.3 0.0 154.6
176 68.0 0.0 155.8

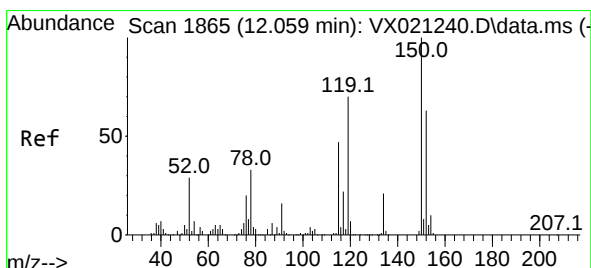
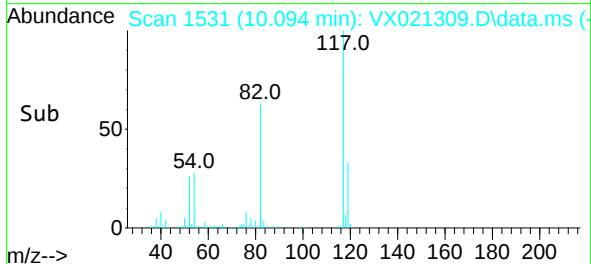
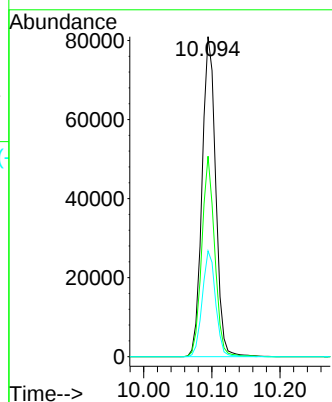
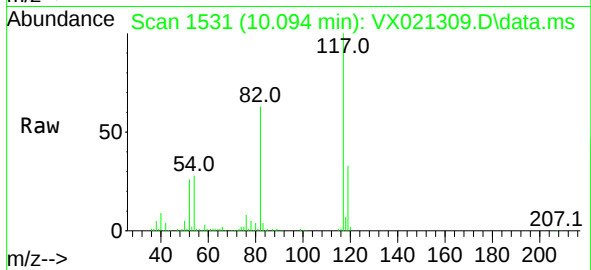




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021309.D
Acq: 19 Mar 2021 18:00

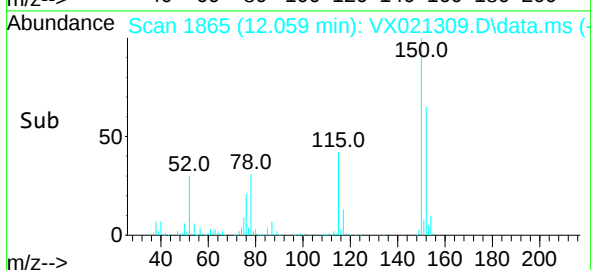
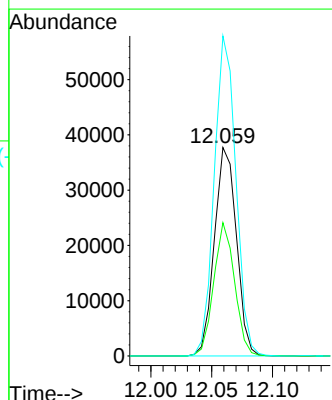
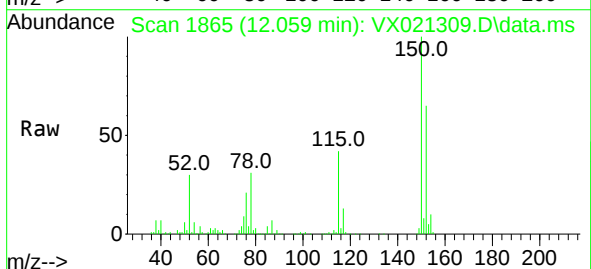
Instrument :
MSVOA_X
ClientSampleId :
CAL-IDWTANK1-20210318

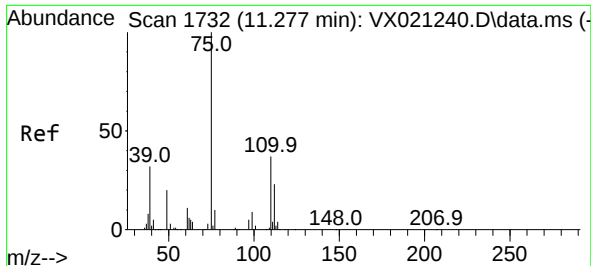
Tgt Ion:117 Resp: 112415
Ion Ratio Lower Upper
117 100
82 62.7 47.4 71.2
119 33.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021309.D
Acq: 19 Mar 2021 18:00

Tgt Ion:152 Resp: 47522
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 150.7 0.0 349.0

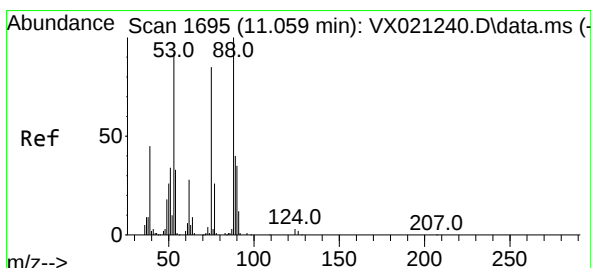
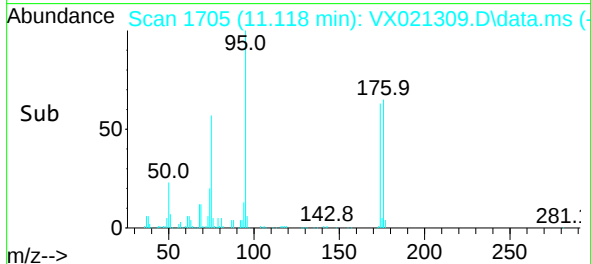
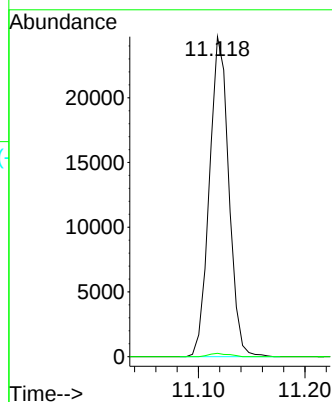
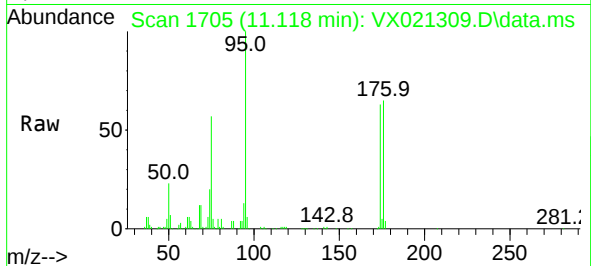




#76
1,2,3-Trichloropropane
Concen: 28.39 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021309.D
Acq: 19 Mar 2021 18:00

Instrument :
MSVOA_X
ClientSampleId :
CAL-IDWTANK1-20210318

Tgt Ion: 75 Resp: 31299
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.08 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021309.D
Acq: 19 Mar 2021 18:00

Tgt Ion: 75 Resp: 31299
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

