

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021306.D
 Acq On : 19 Mar 2021 16:50
 Operator : JC/MD
 Sample : M1742-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CAL-TB01-20210318

Quant Time: Mar 20 06:33:50 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)

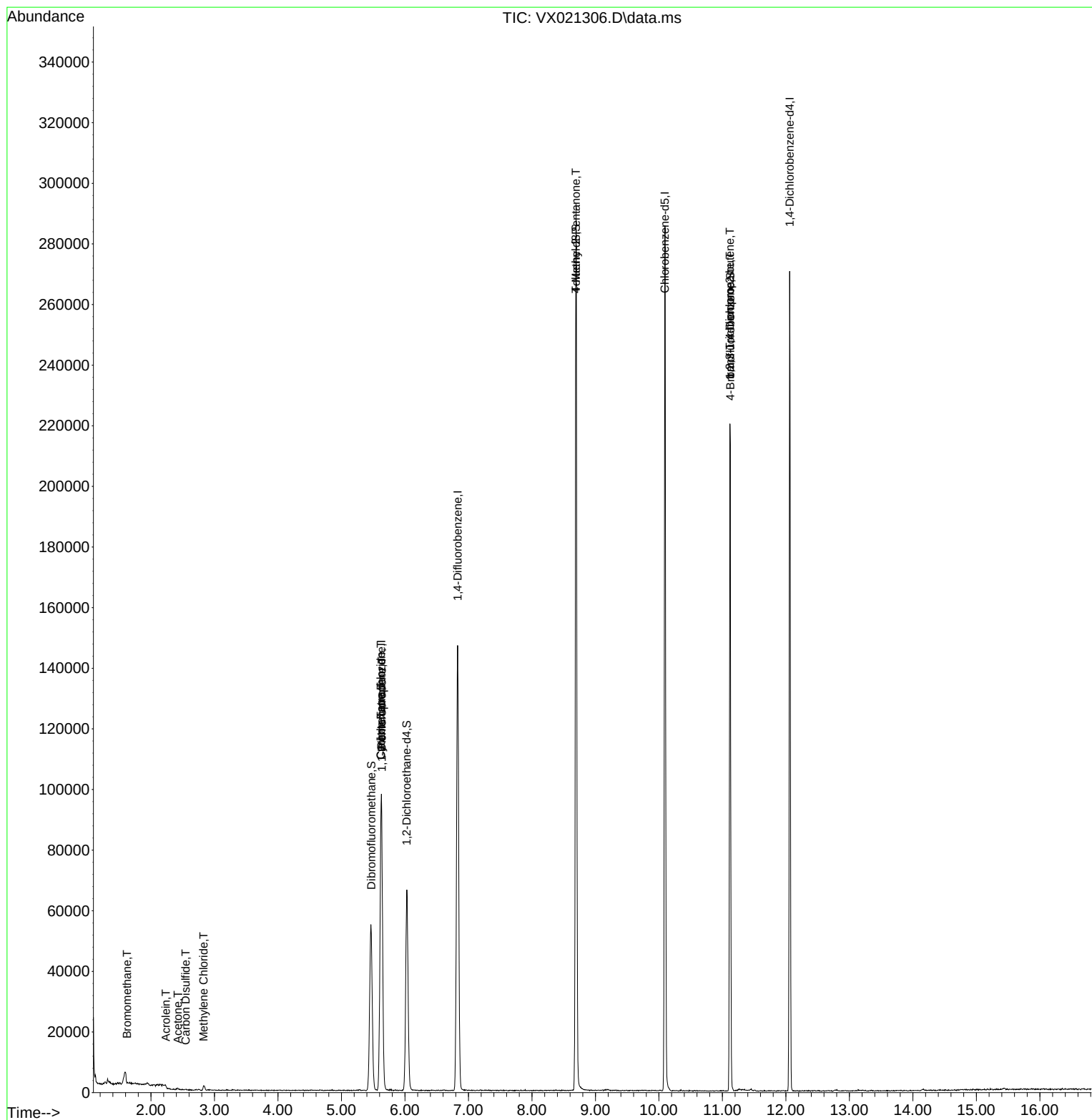
Internal Standards						
1) Pentafluorobenzene	5.629	168	83116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	137793	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	117345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	48489	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	64560	47.36	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.72%		
35) Dibromofluoromethane	5.470	113	44986	47.98	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.96%		
50) Toluene-d8	8.694	98	165133	48.54	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.08%		
62) 4-Bromofluorobenzene	11.124	95	57048	43.18	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.36%		
Target Compounds						Qvalue
3) Chloromethane	1.316	50	1915	Below Cal		95
5) Bromomethane	1.622	94	169	0.38 ug/l #		2
13) Acrolein	2.234	56	18	3.25 ug/l #		1
16) Acetone	2.423	43	619	1.23 ug/l #		80
17) Carbon Disulfide	2.546	76	204	0.62 ug/l #		75
20) Methylene Chloride	2.828	84	609	0.59 ug/l #		86
31) Cyclohexane	5.623	56	2293	1.39 ug/l #		13
36) 1,1-Dichloropropene	5.635	75	7696	5.54 ug/l #		49
38) Carbon Tetrachloride	5.623	117	9468	6.57 ug/l #		17
51) 4-Methyl-2-Pentanone	8.694	43	1030	0.67 ug/l #		1
76) 1,2,3-Trichloropropane	11.118	75	32726	29.09 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	32726	78.99 ug/l #		12

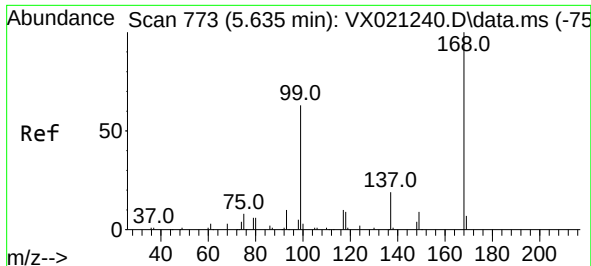
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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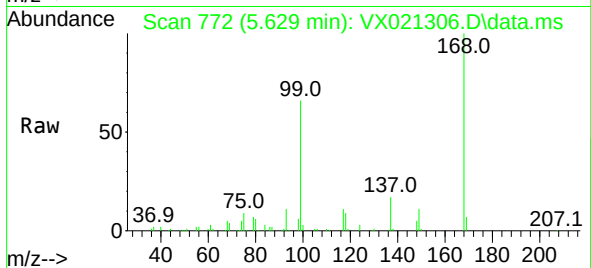
Quant Time: Mar 20 06:33:50 2021
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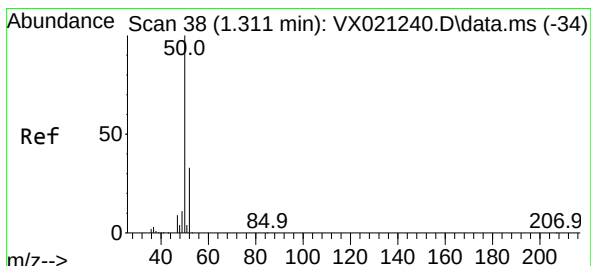
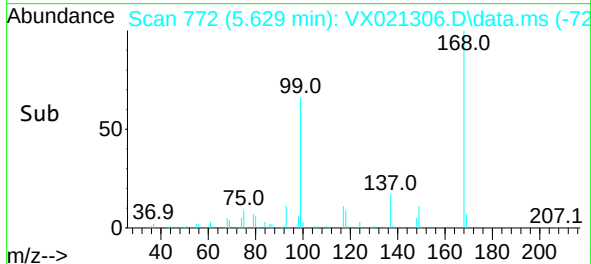
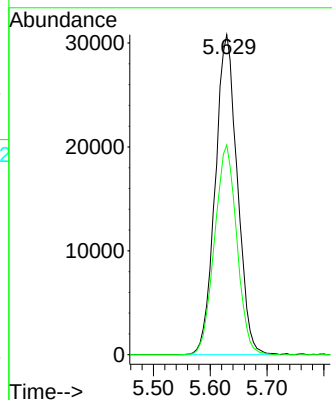


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021306.D
Acq: 19 Mar 2021 16:50

Instrument :
MSVOA_X
ClientSampleId :
CAL-TB01-20210318

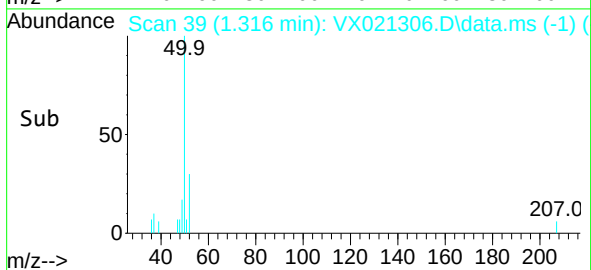
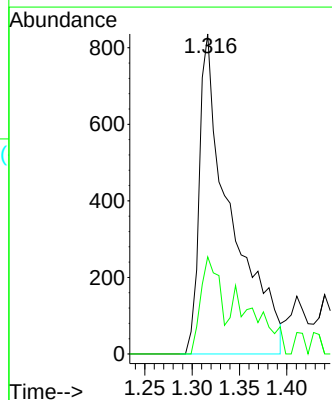
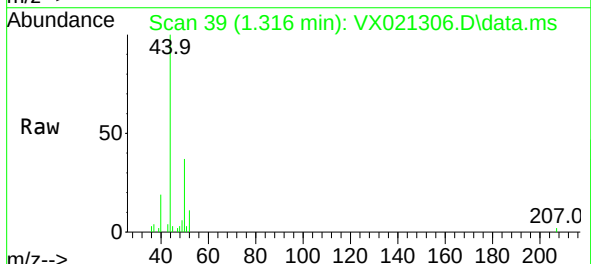


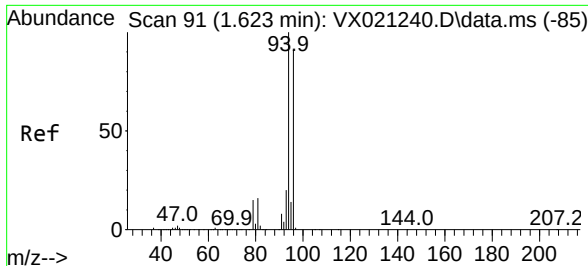
Tgt Ion:168 Resp: 83116
Ion Ratio Lower Upper
168 100
99 65.6 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021306.D
Acq: 19 Mar 2021 16:50

Tgt Ion: 50 Resp: 1915
Ion Ratio Lower Upper
50 100
52 30.4 26.4 39.6

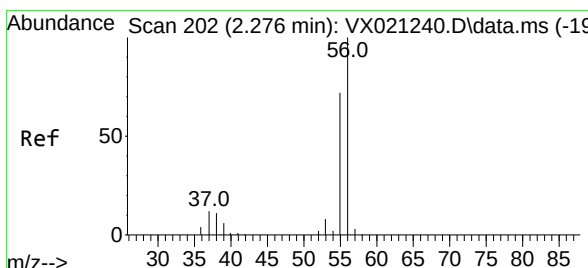
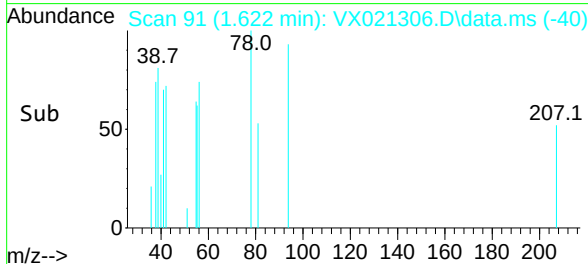
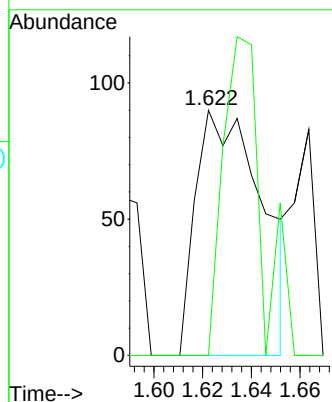
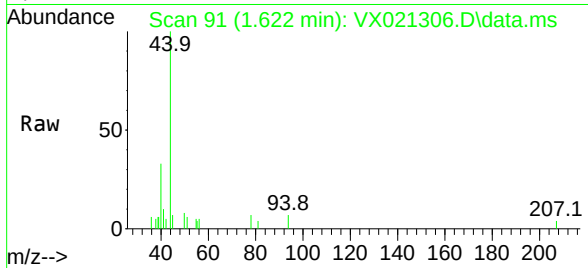




#5
Bromomethane
Concen: 0.38 ug/l
RT: 1.622 min Scan# 91
Delta R.T. -0.001 min
Lab File: VX021306.D
Acq: 19 Mar 2021 16:50

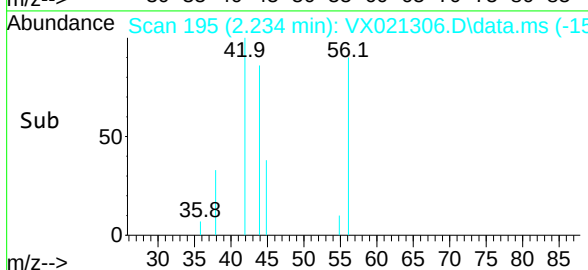
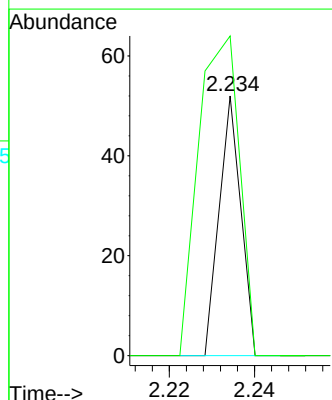
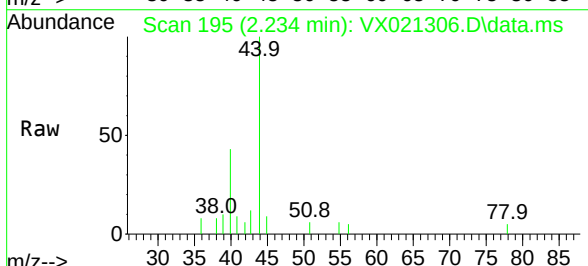
Instrument :
MSVOA_X
ClientSampleId :
CAL-TB01-20210318

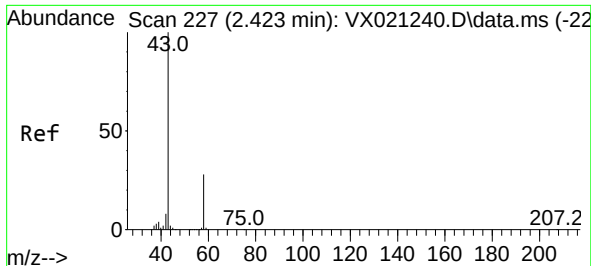
Tgt Ion: 94 Resp: 169
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#13
Acrolein
Concen: 3.25 ug/l
RT: 2.234 min Scan# 195
Delta R.T. -0.042 min
Lab File: VX021306.D
Acq: 19 Mar 2021 16:50

Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 238.9 56.4 84.6#

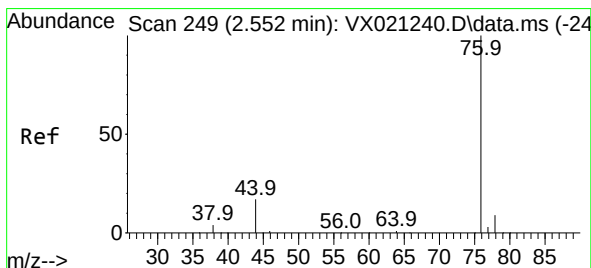
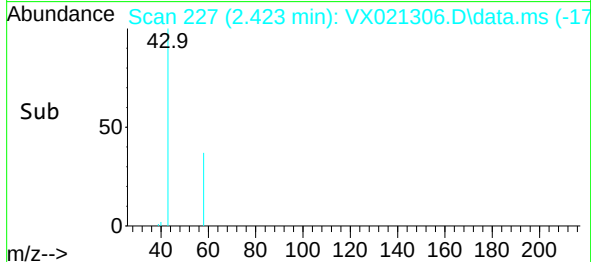
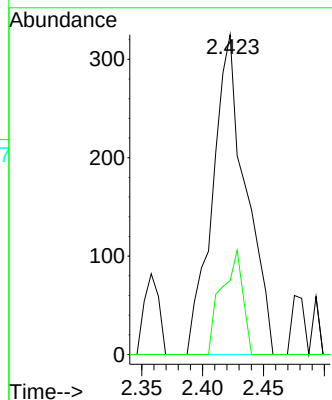
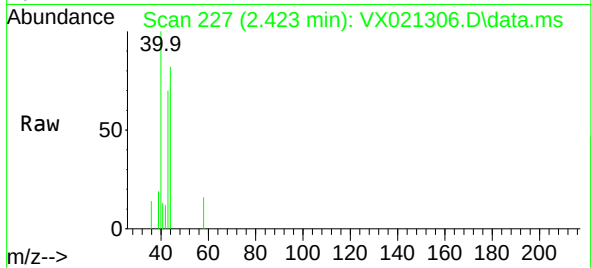




#16
Acetone
Concen: 1.23 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021306.D
Acq: 19 Mar 2021 16:50

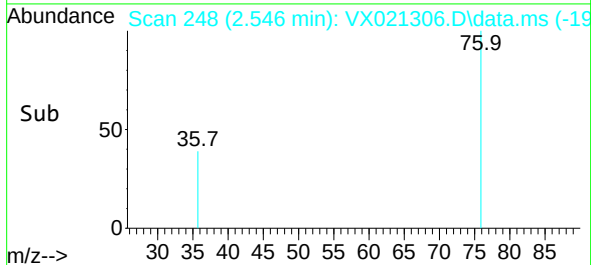
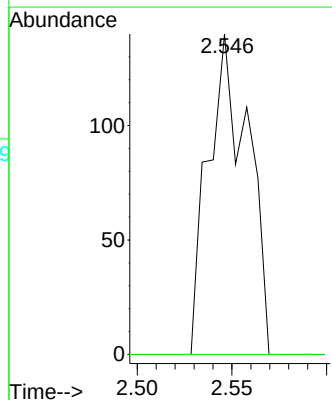
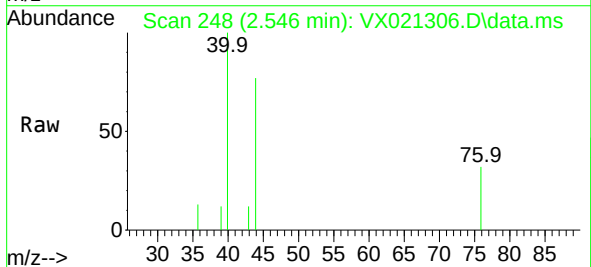
Instrument :
MSVOA_X
ClientSampleId :
CAL-TB01-20210318

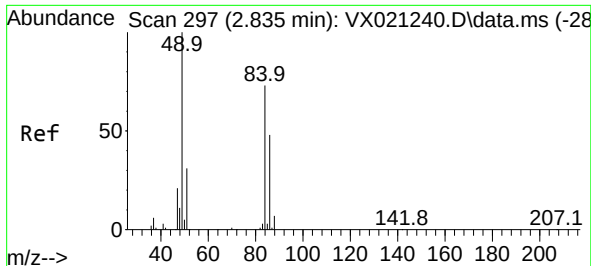
Tgt Ion: 43 Resp: 619
Ion Ratio Lower Upper
43 100
58 23.1 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.62 ug/l
RT: 2.546 min Scan# 248
Delta R.T. -0.006 min
Lab File: VX021306.D
Acq: 19 Mar 2021 16:50

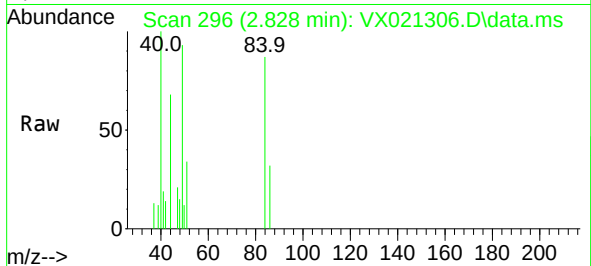
Tgt Ion: 76 Resp: 204
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



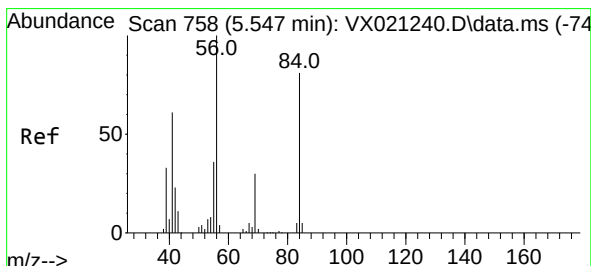
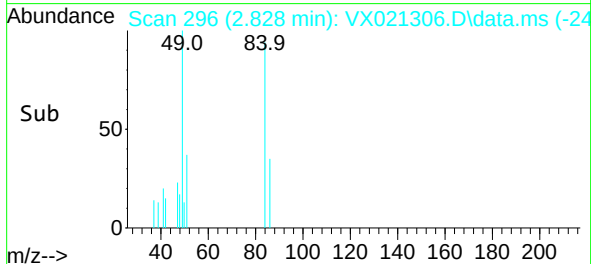
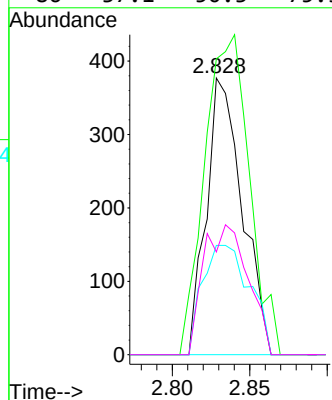


#20
Methylene Chloride
Concen: 0.59 ug/l
RT: 2.828 min Scan# 296
Delta R.T. -0.007 min
Lab File: VX021306.D
Acq: 19 Mar 2021 16:50

Instrument :
MSVOA_X
ClientSampleId :
CAL-TB01-20210318

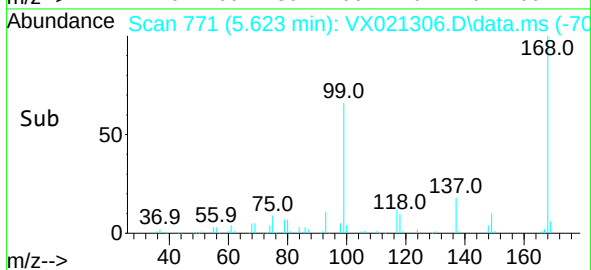
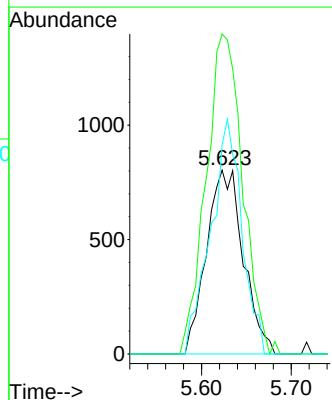
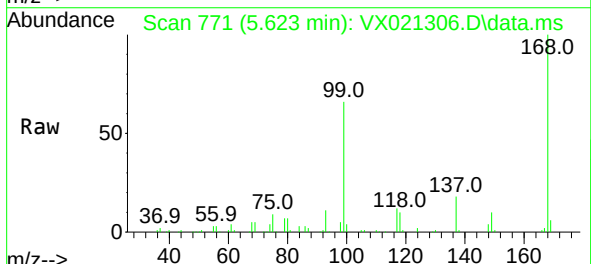


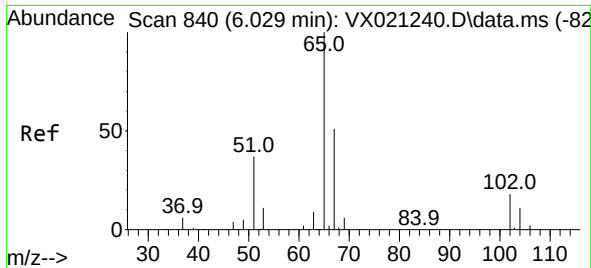
Tgt Ion:	84	Resp:	609
Ion	Ratio	Lower	Upper
84	100		
49	106.9	88.6	132.8
51	39.5	27.0	40.6
86	37.1	50.3	75.5#



#31
Cyclohexane
Concen: 1.39 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021306.D
Acq: 19 Mar 2021 16:50

Tgt Ion:	56	Resp:	2293
Ion	Ratio	Lower	Upper
56	100		
69	174.2	25.3	37.9#
84	113.9	71.4	107.0#

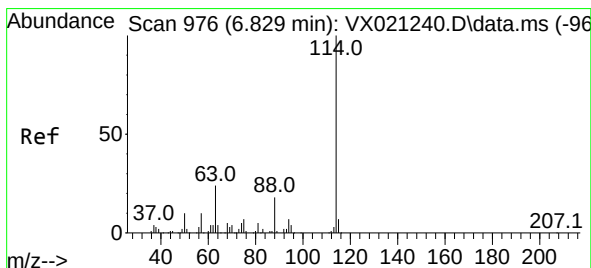
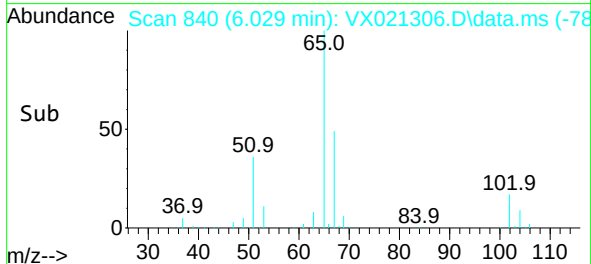
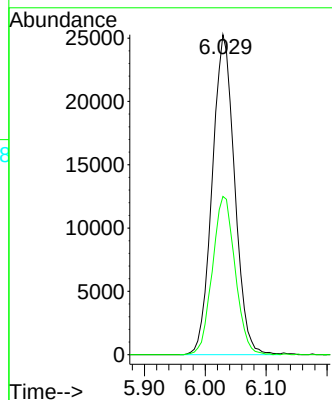
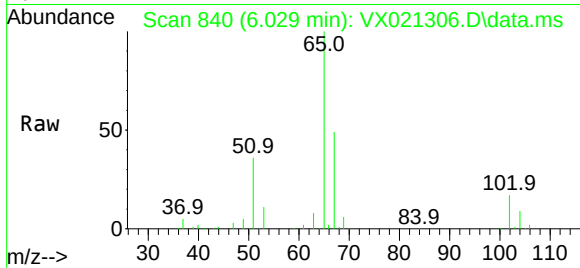




#33
 1,2-Dichloroethane-d4
 Concen: 47.36 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. -0.000 min
 Lab File: VX021306.D
 Acq: 19 Mar 2021 16:50

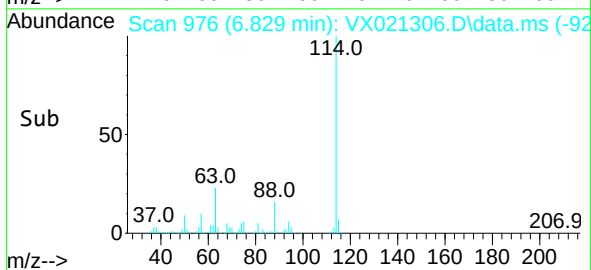
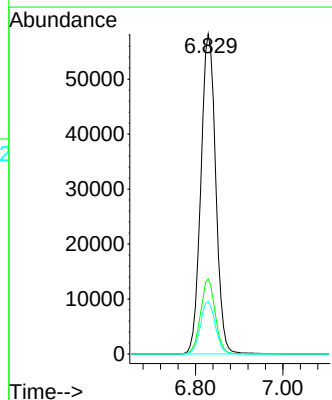
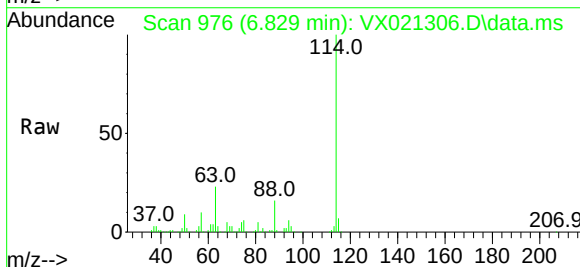
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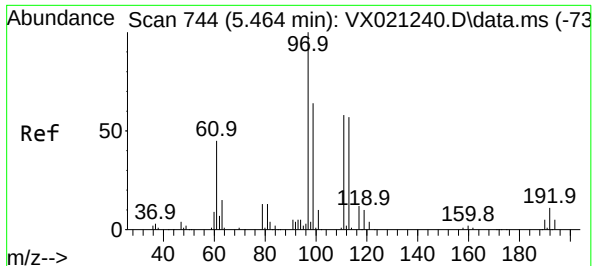
Tgt Ion: 65 Resp: 64560
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. -0.000 min
 Lab File: VX021306.D
 Acq: 19 Mar 2021 16:50

Tgt Ion: 114 Resp: 137793
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 40.8
 88 16.3 0.0 32.8

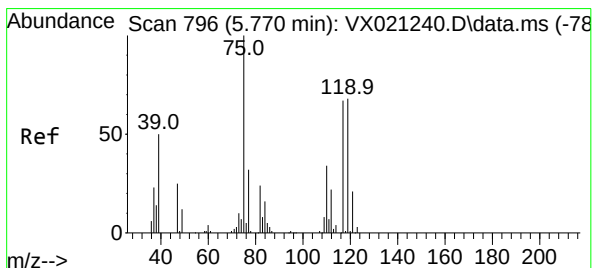
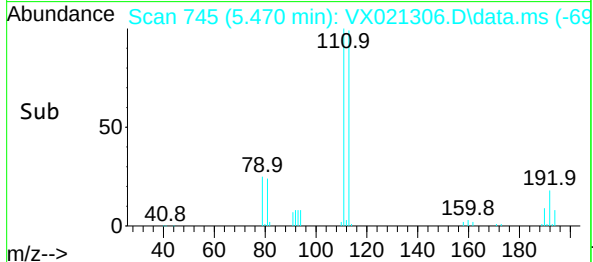
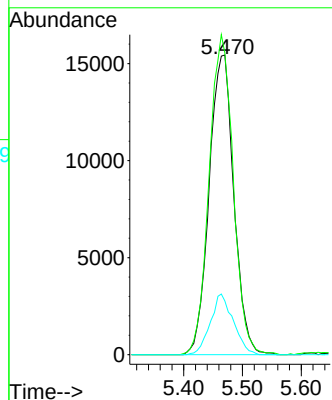
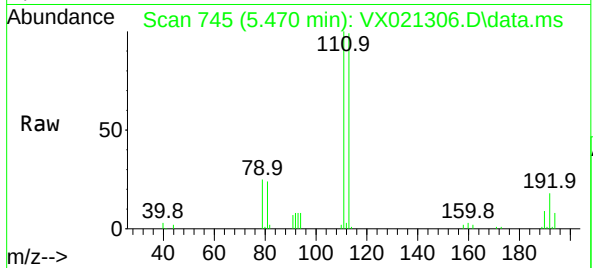




#35
Dibromofluoromethane
Concen: 47.98 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021306.D
Acq: 19 Mar 2021 16:50

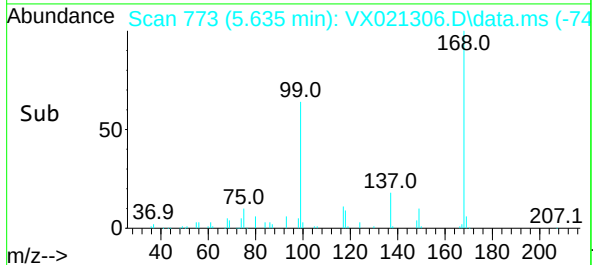
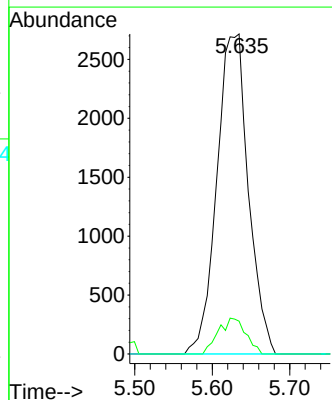
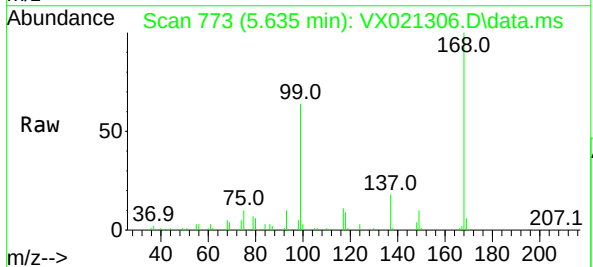
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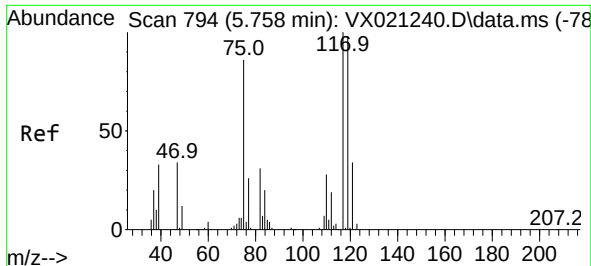
Tgt Ion:113 Resp: 44986
Ion Ratio Lower Upper
113 100
111 104.2 81.9 122.9
192 18.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.54 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.135 min
Lab File: VX021306.D
Acq: 19 Mar 2021 16:50

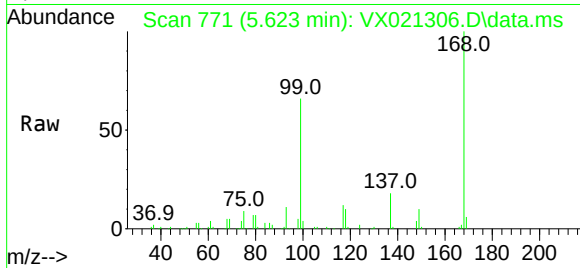
Tgt Ion: 75 Resp: 7696
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#



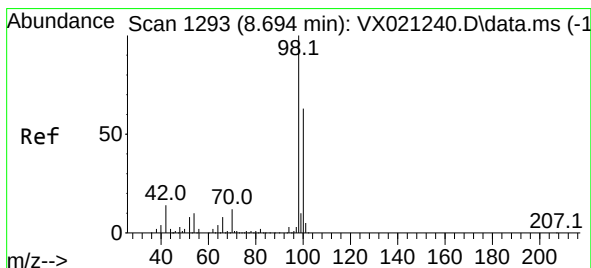
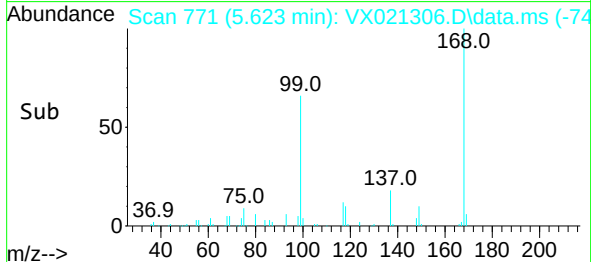
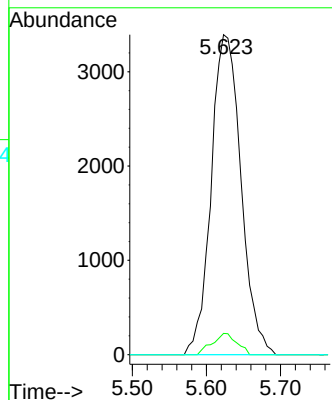


#38
Carbon Tetrachloride
Concen: 6.57 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.135 min
Lab File: VX021306.D
Acq: 19 Mar 2021 16:50

Instrument :
MSVOA_X
ClientSampleId :
CAL-TB01-20210318

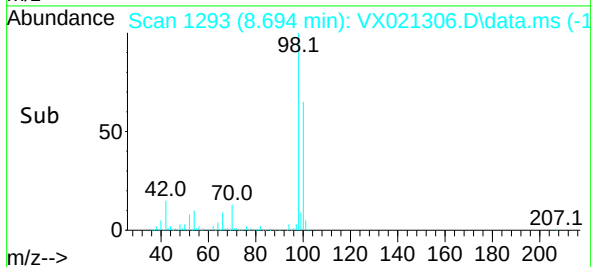
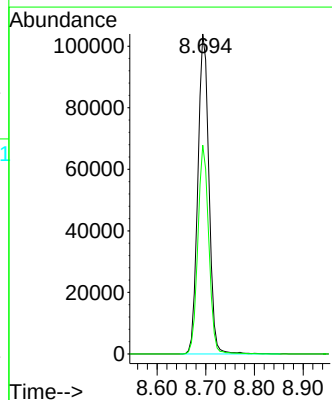
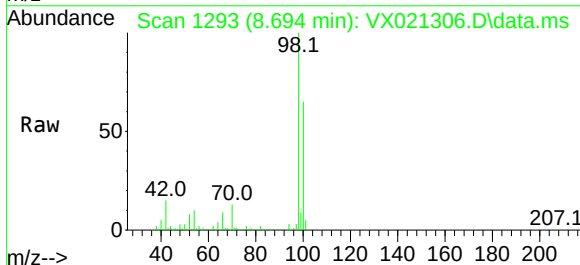


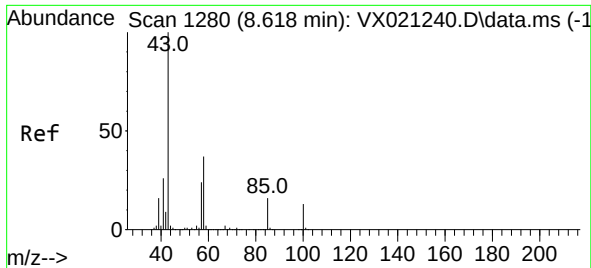
Tgt Ion:117 Resp: 9468
Ion Ratio Lower Upper
117 100
119 6.7 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.54 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021306.D
Acq: 19 Mar 2021 16:50

Tgt Ion: 98 Resp: 165133
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

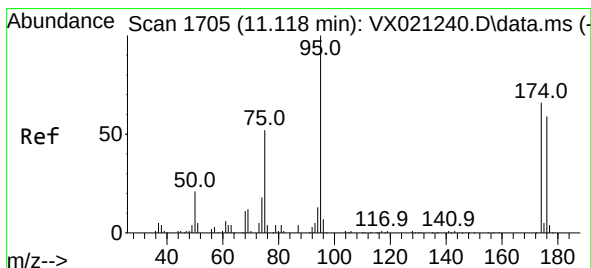
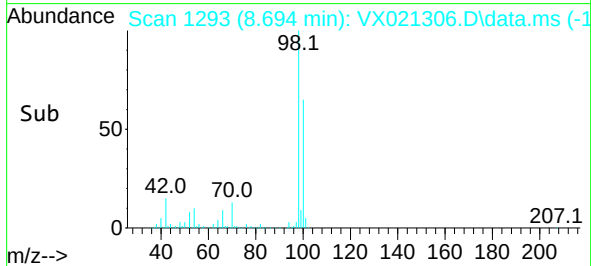
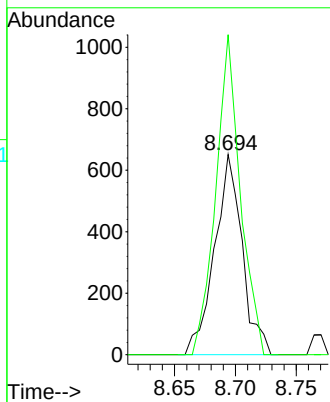
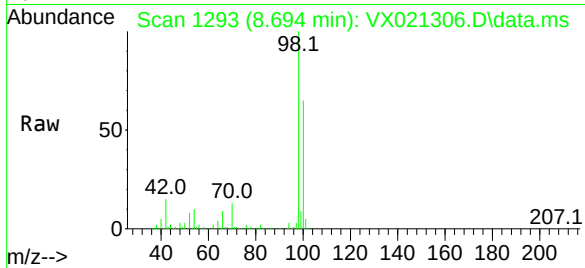




#51
4-Methyl-2-Pentanone
Concen: 0.67 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.076 min
Lab File: VX021306.D
Acq: 19 Mar 2021 16:50

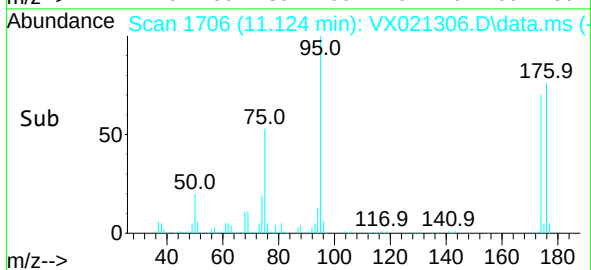
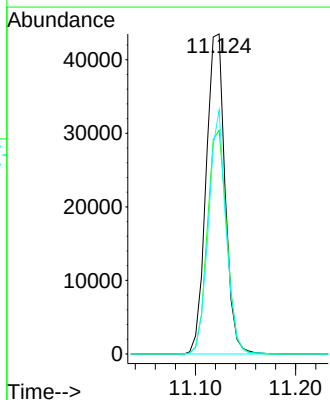
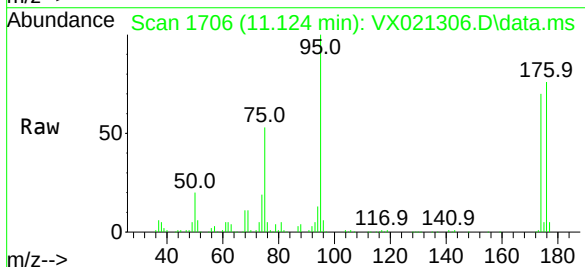
Instrument :
MSVOA_X
ClientSampleId :
CAL-TB01-20210318

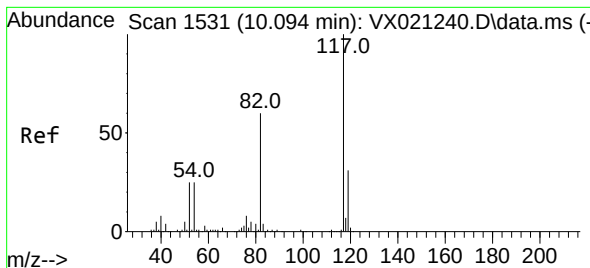
Tgt Ion: 43 Resp: 1030
Ion Ratio Lower Upper
43 100
58 142.1 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 43.18 ug/l
RT: 11.124 min Scan# 1706
Delta R.T. 0.006 min
Lab File: VX021306.D
Acq: 19 Mar 2021 16:50

Tgt Ion: 95 Resp: 57048
Ion Ratio Lower Upper
95 100
174 71.5 0.0 154.6
176 70.5 0.0 155.8

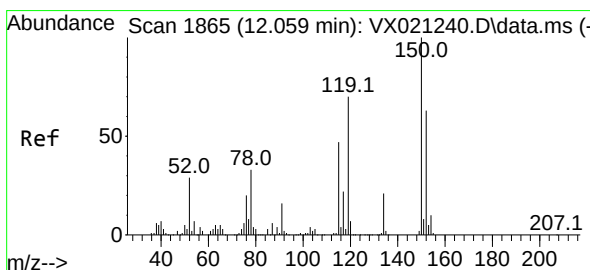
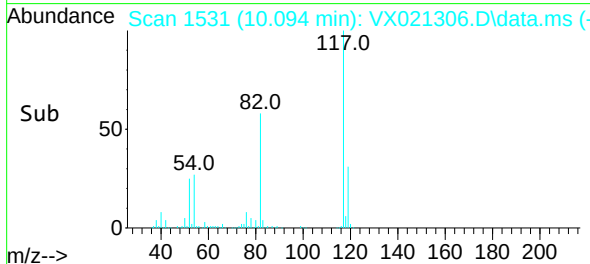
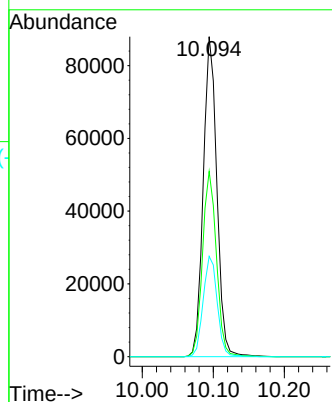
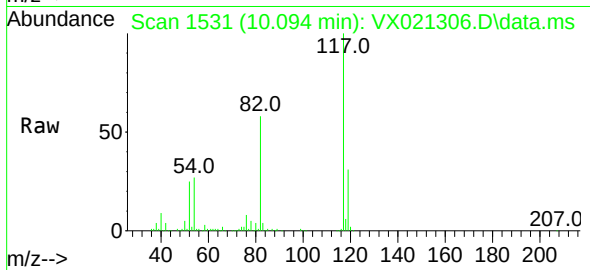




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021306.D
Acq: 19 Mar 2021 16:50

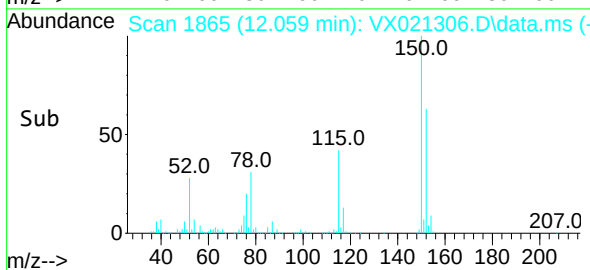
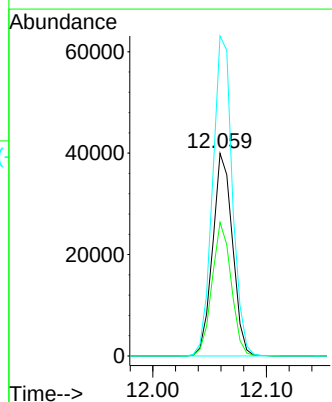
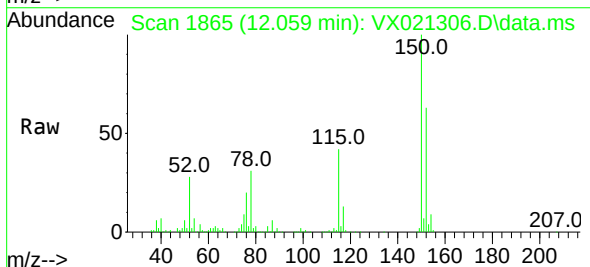
Instrument :
MSVOA_X
ClientSampleId :
CAL-TB01-20210318

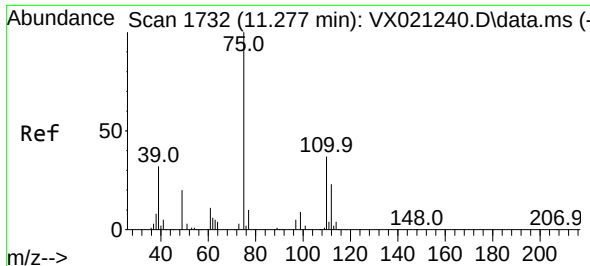
Tgt Ion:117 Resp: 117345
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 31.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021306.D
Acq: 19 Mar 2021 16:50

Tgt Ion:152 Resp: 48489
Ion Ratio Lower Upper
152 100
115 63.7 41.1 123.3
150 156.9 0.0 349.0

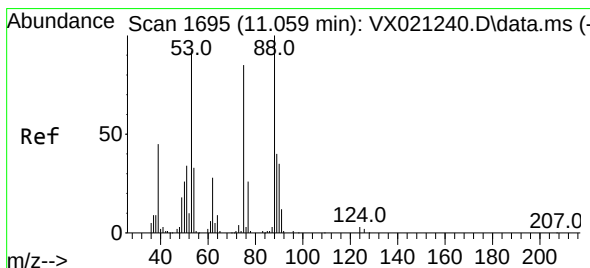
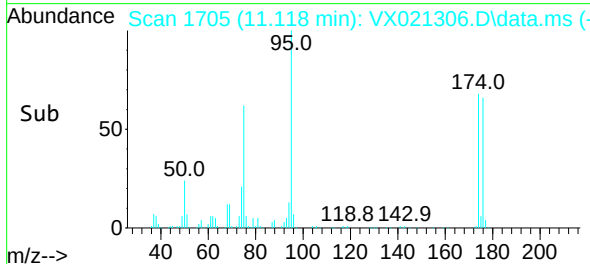
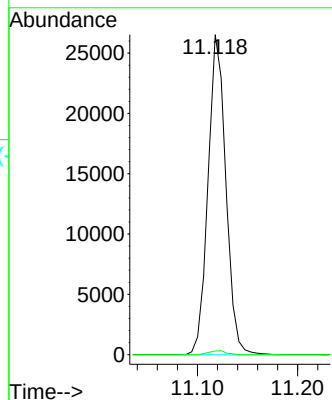
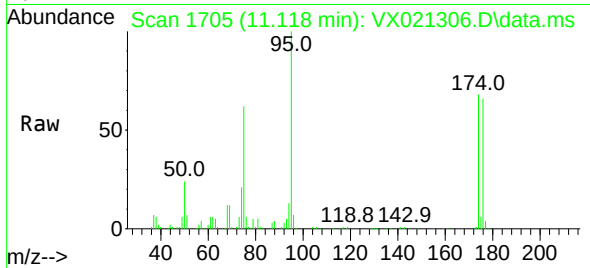




#76
1,2,3-Trichloropropane
Concen: 29.09 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021306.D
Acq: 19 Mar 2021 16:50

Instrument :
MSVOA_X
ClientSampleId :
CAL-TB01-20210318

Tgt Ion: 75 Resp: 32726
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.99 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021306.D
Acq: 19 Mar 2021 16:50

Tgt Ion: 75 Resp: 32726
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

