

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020250.D
 Acq On : 21 Dec 2020 15:16
 Operator : JC/MD
 Sample : L5145-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-PZ002(DOB)-121520

Quant Time: Dec 22 01:33:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

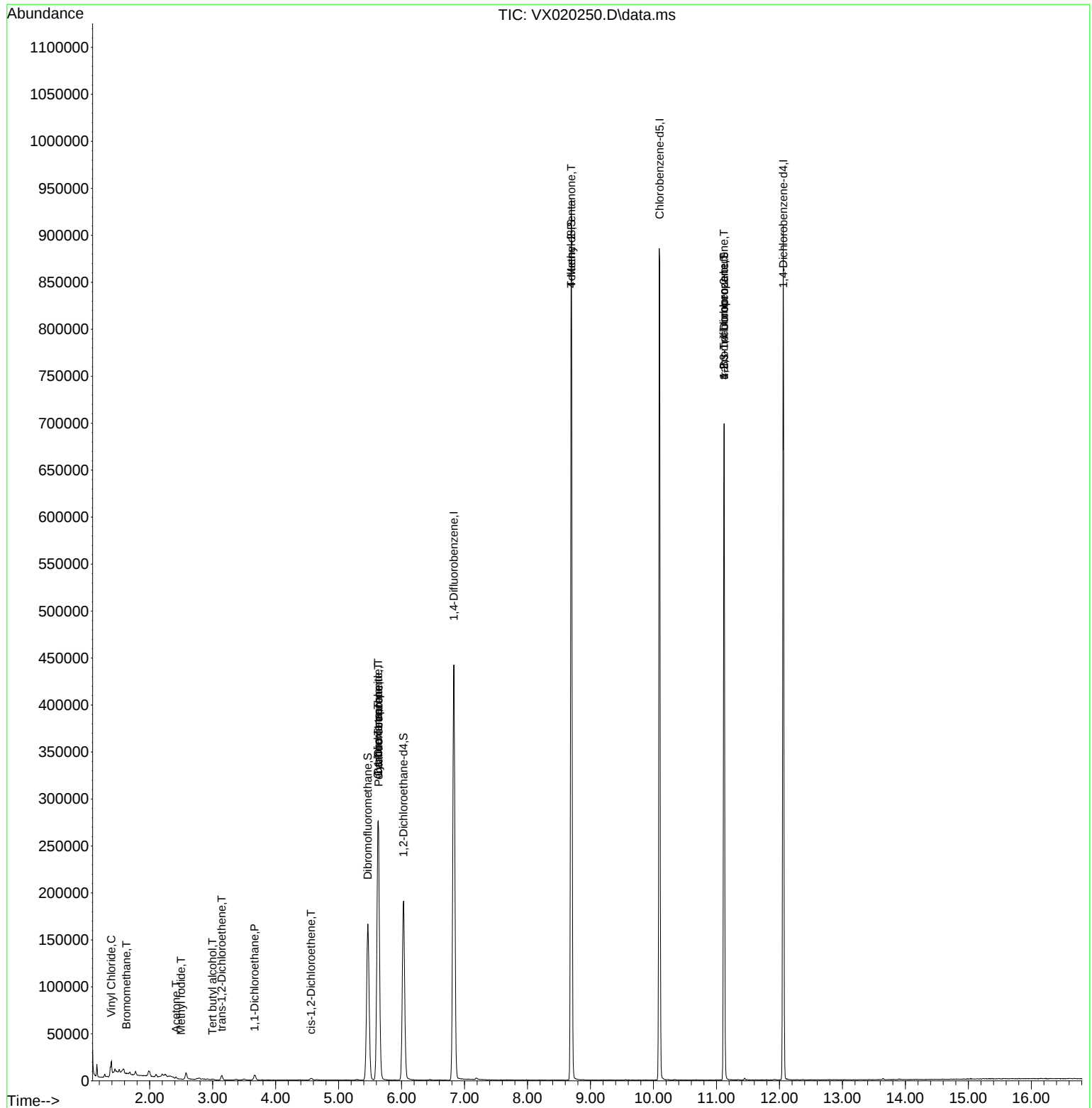
Internal Standards						
1) Pentafluorobenzene	5.635	168	265615	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.830	114	451325	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	413949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	178450	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	179184	50.33	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.66%			
35) Dibromofluoromethane	5.464	113	143686	49.77	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.54%			
50) Toluene-d8	8.696	98	550561	49.54	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.08%			
62) 4-Bromofluorobenzene	11.122	95	190625	44.82	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.64%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.392	62	885	0.24	ug/l #	1
5) Bromomethane	1.630	94	469	0.40	ug/l #	60
10) Methyl Iodide	2.495	142	137	3.32	ug/l #	57
11) Tert butyl alcohol	2.995	59	1045	1.31	ug/l #	73
16) Acetone	2.416	43	1800	1.11	ug/l #	85
21) trans-1,2-Dichloroethene	3.142	96	1717	0.52	ug/l	95
24) 1,1-Dichloroethane	3.666	63	6299	1.09	ug/l	97
27) cis-1,2-Dichloroethene	4.562	96	1339	0.36	ug/l	92
31) Cyclohexane	5.623	56	5443	1.11	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	21118	4.73	ug/l #	48
38) Carbon Tetrachloride	5.629	117	26853	6.33	ug/l #	17
51) 4-Methyl-2-Pentanone	8.696	43	2354	0.52	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	93718	21.32	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	93718	63.25	ug/l #	12

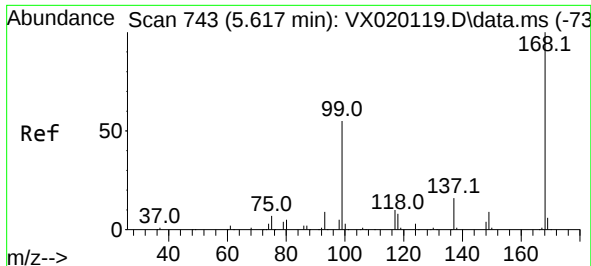
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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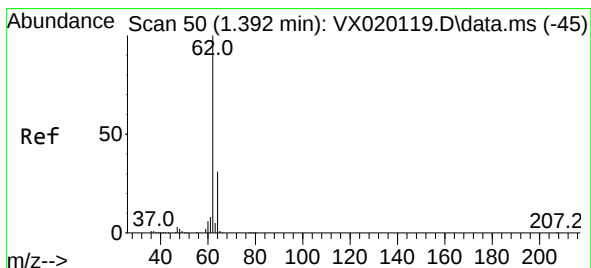
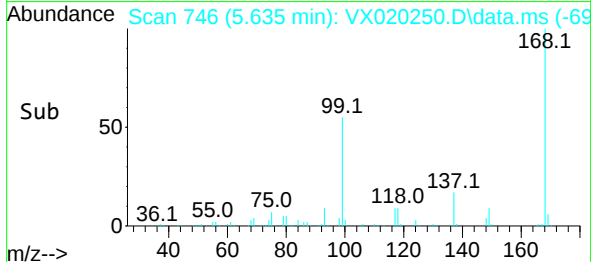
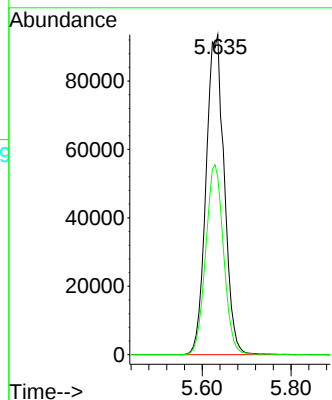
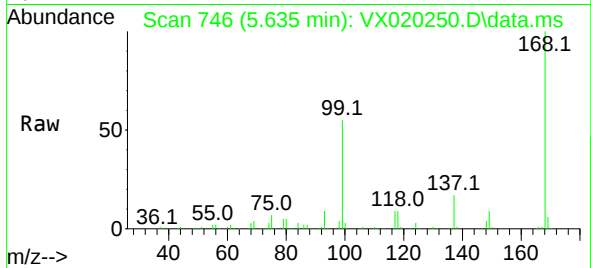




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 746
Delta R.T. 0.018 min
Lab File: VX020250.D
Acq: 21 Dec 2020 15:16

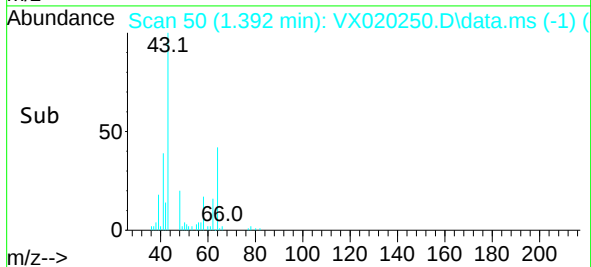
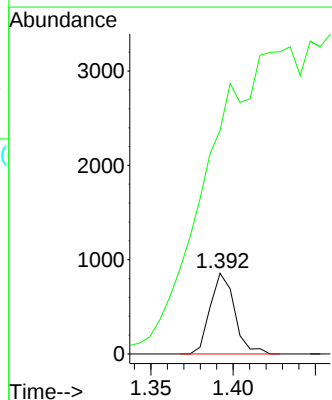
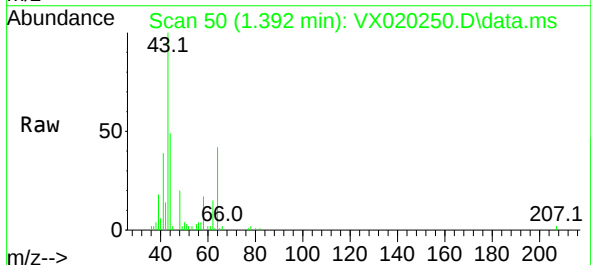
Instrument :
MSVOA_X
ClientSampleId :
49-PZ002(DOB)-121520

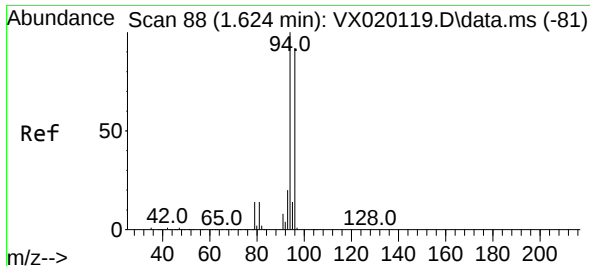
Tgt Ion:168 Resp: 265615
Ion Ratio Lower Upper
168 100
99 55.4 45.8 68.6



#4
Vinyl Chloride
Concen: 0.24 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX020250.D
Acq: 21 Dec 2020 15:16

Tgt Ion: 62 Resp: 885
Ion Ratio Lower Upper
62 100
64 171.8 25.7 38.5#

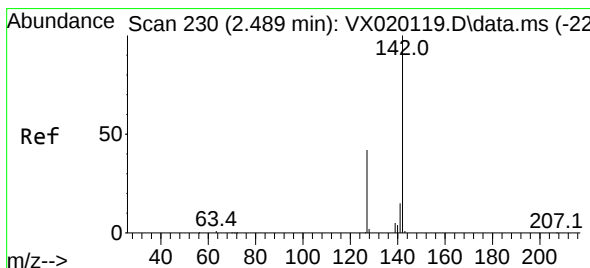
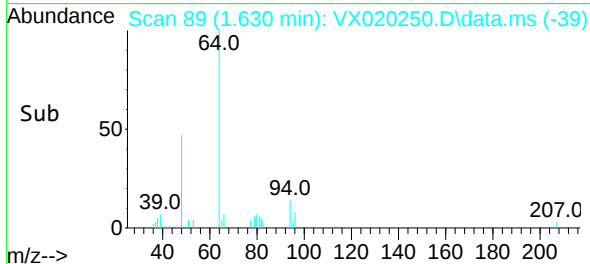
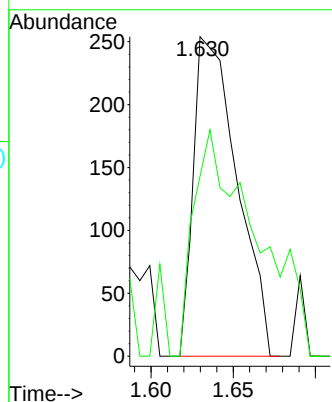
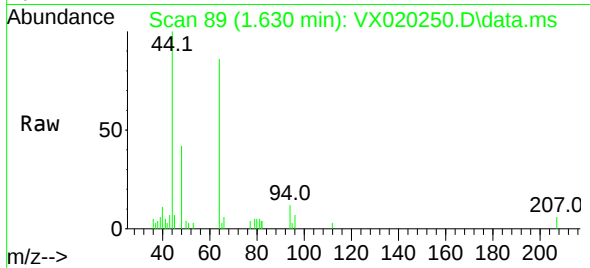




#5
Bromomethane
Concen: 0.40 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020250.D
Acq: 21 Dec 2020 15:16

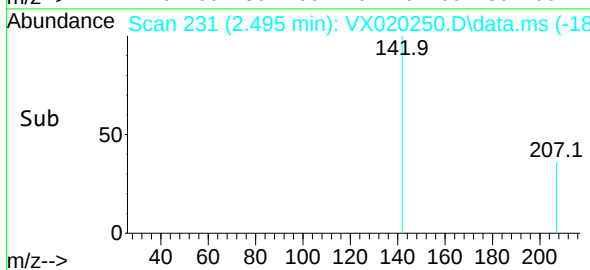
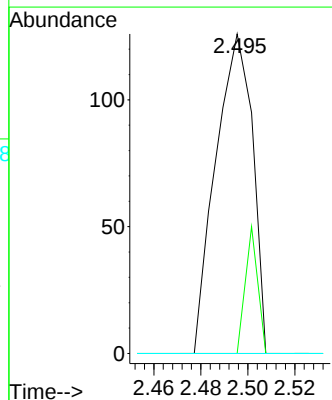
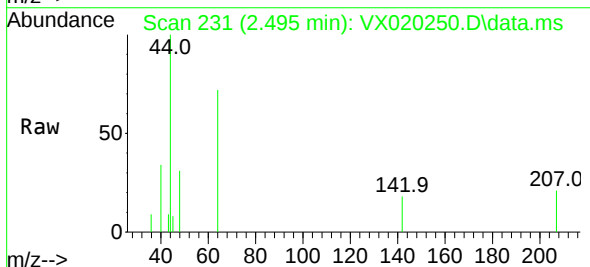
Instrument :
MSVOA_X
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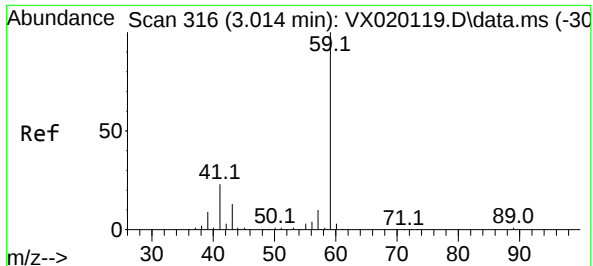
Tgt Ion: 94 Resp: 469
Ion Ratio Lower Upper
94 100
96 56.3 76.4 114.6#



#10
Methyl Iodide
Concen: 3.32 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020250.D
Acq: 21 Dec 2020 15:16

Tgt Ion: 142 Resp: 137
Ion Ratio Lower Upper
142 100
127 13.1 33.3 49.9#
141 0.0 11.4 17.0#



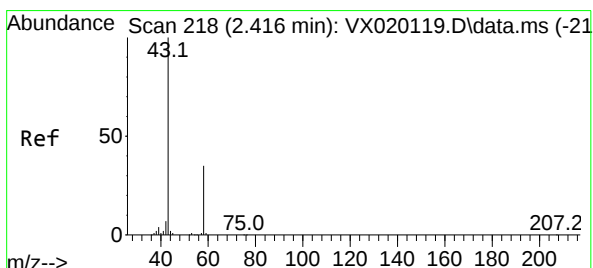
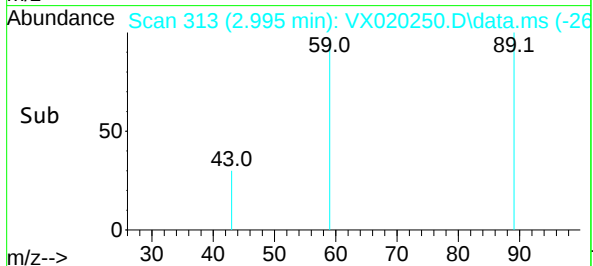
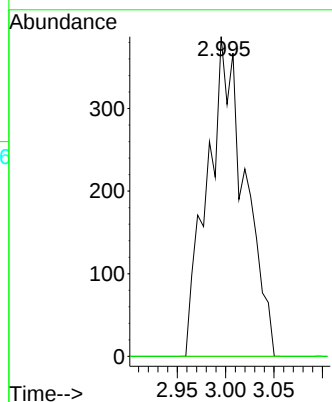
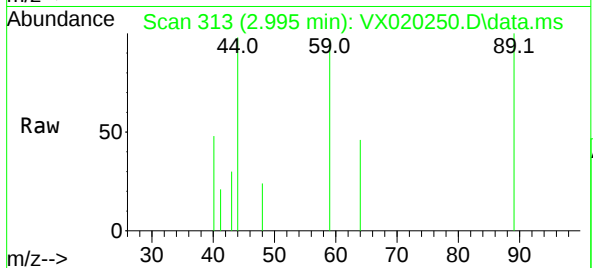


#11

Tert butyl alcohol
Concen: 1.31 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020250.D
Acq: 21 Dec 2020 15:16

Instrument :
MSVOA_X
ClientSampleId :
49-PZ002(DOB)-121520

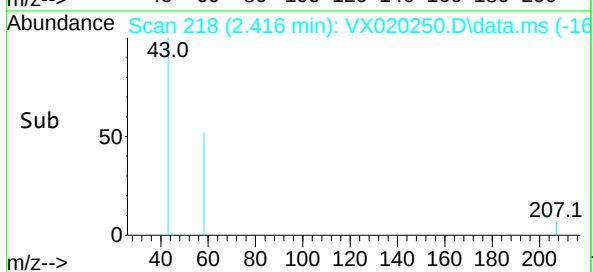
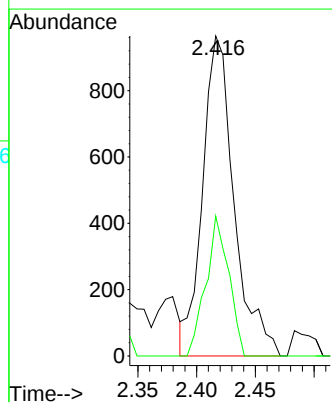
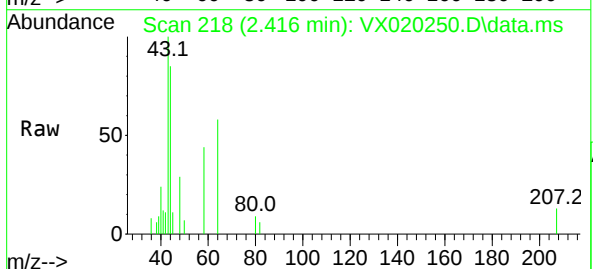
Tgt Ion: 59 Resp: 1045
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

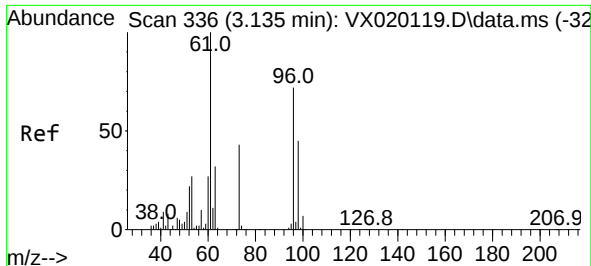


#16

Acetone
Concen: 1.11 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020250.D
Acq: 21 Dec 2020 15:16

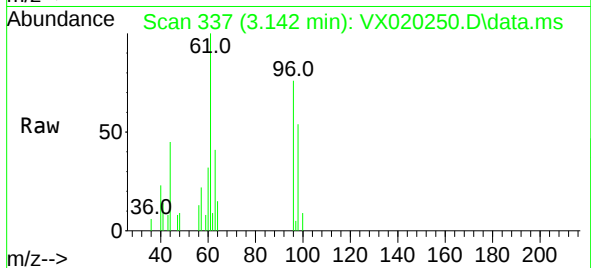
Tgt Ion: 43 Resp: 1800
Ion Ratio Lower Upper
43 100
58 43.7 27.8 41.8#





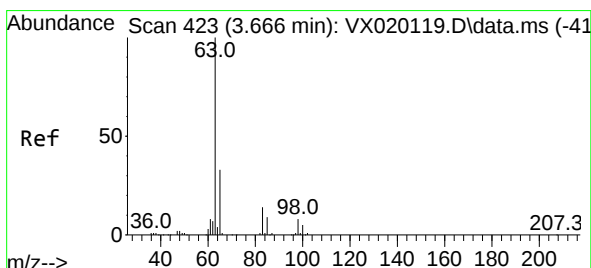
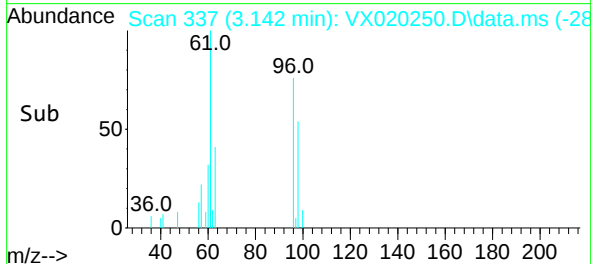
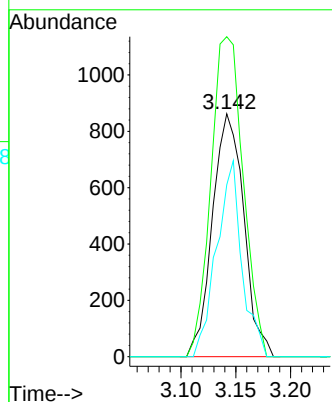
#21
trans-1,2-Dichloroethene
Concen: 0.52 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.007 min
Lab File: VX020250.D
Acq: 21 Dec 2020 15:16

Instrument :
MSVOA_X
ClientSampleId :
49-PZ002(DOB)-121520



Tgt Ion: 96 Resp: 1717

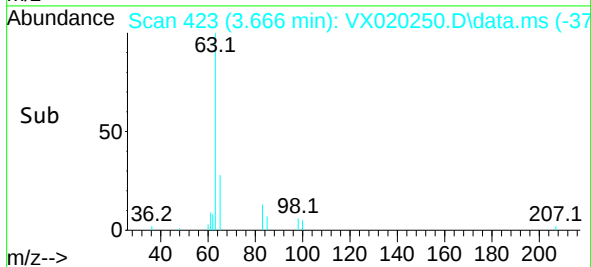
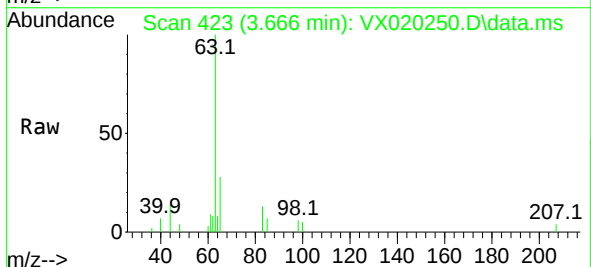
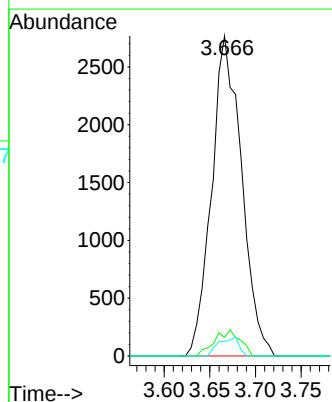
Ion	Ratio	Lower	Upper
96	100		
61	131.8	107.7	161.5
98	70.8	50.4	75.6

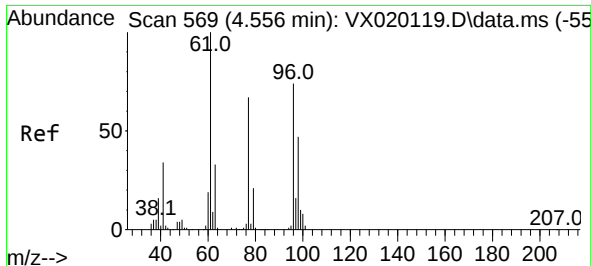


#24
1,1-Dichloroethane
Concen: 1.09 ug/l
RT: 3.666 min Scan# 423
Delta R.T. -0.000 min
Lab File: VX020250.D
Acq: 21 Dec 2020 15:16

Tgt Ion: 63 Resp: 6299

Ion	Ratio	Lower	Upper
63	100		
98	5.8	3.8	11.2
100	4.6	2.5	7.5





#27

cis-1,2-Dichloroethene

Concen: 0.36 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.006 min

Lab File: VX020250.D

Acq: 21 Dec 2020 15:16

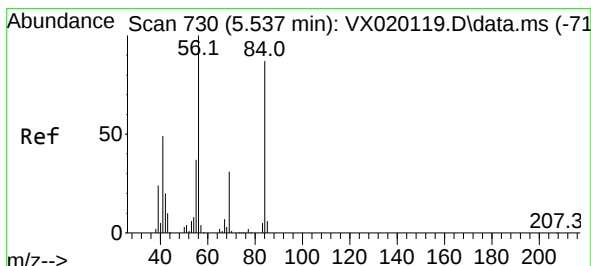
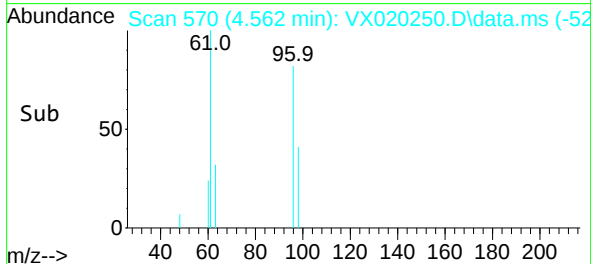
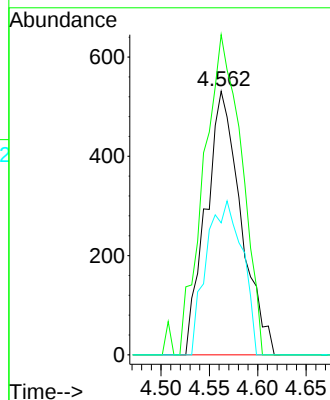
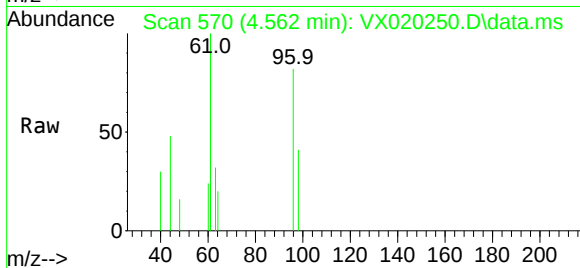
Instrument :

MSVOA_X

ClientSampleId :

49-PZ002(DOB)-121520

Tgt Ion:	96	Resp:	1339
Ion	Ratio	Lower	Upper
96	100		
61	131.2	0.0	285.6
98	59.9	0.0	129.6



#31

Cyclohexane

Concen: 1.11 ug/l

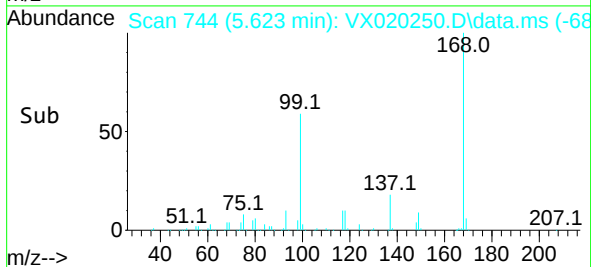
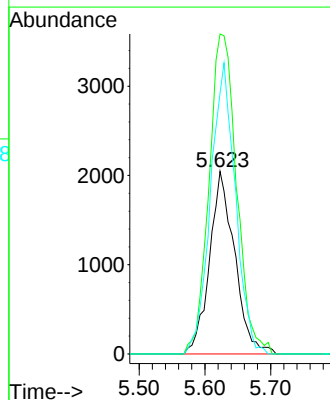
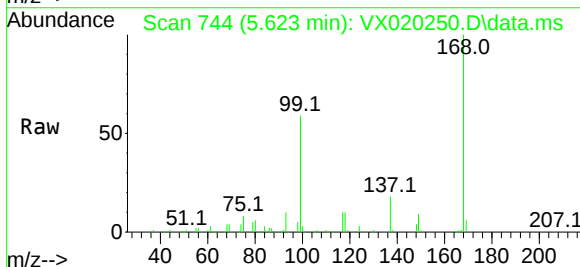
RT: 5.623 min Scan# 744

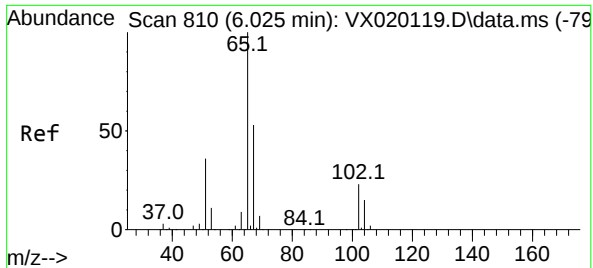
Delta R.T. 0.086 min

Lab File: VX020250.D

Acq: 21 Dec 2020 15:16

Tgt Ion:	56	Resp:	5443
Ion	Ratio	Lower	Upper
56	100		
69	175.4	25.3	37.9#
84	142.8	71.4	107.0#

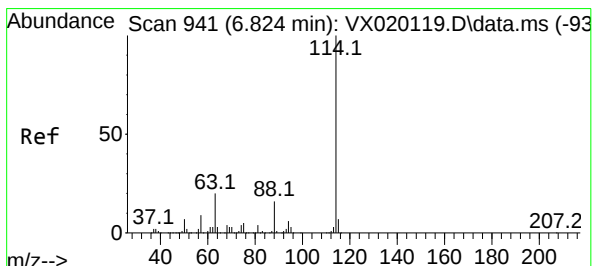
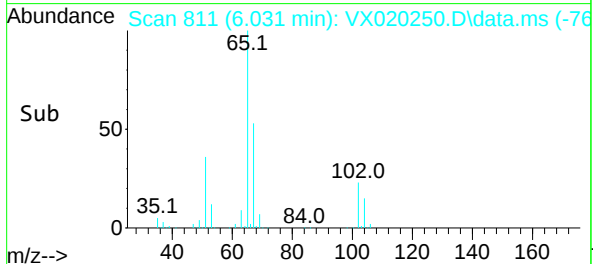
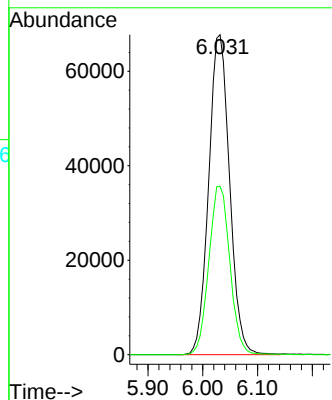
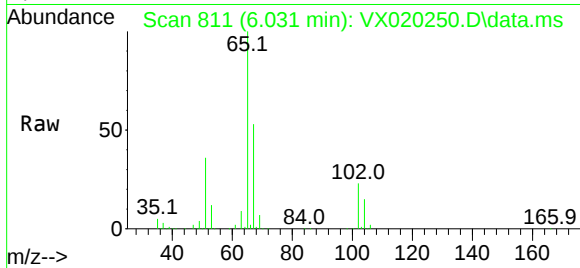




#33
1,2-Dichloroethane-d4
Concen: 50.33 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020250.D
Acq: 21 Dec 2020 15:16

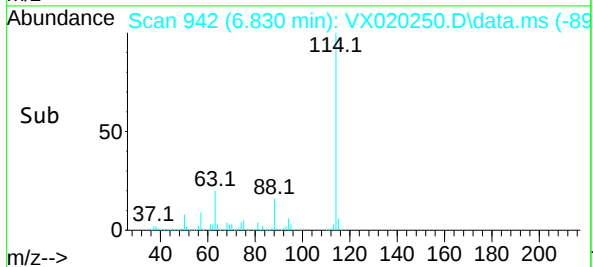
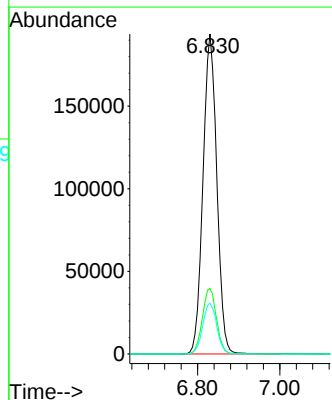
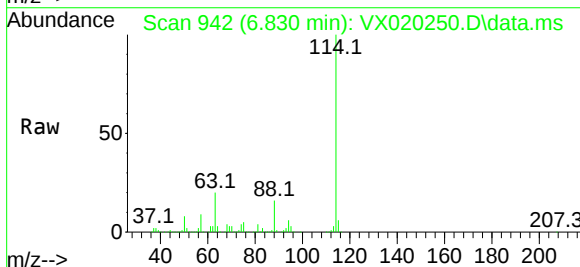
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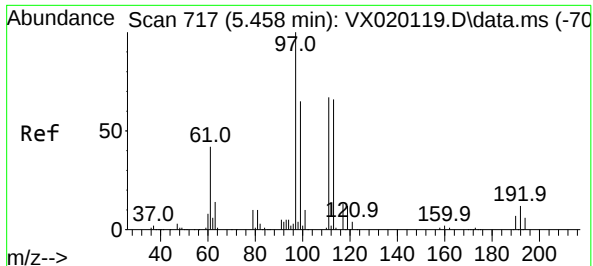
Tgt Ion: 65 Resp: 179184
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020250.D
Acq: 21 Dec 2020 15:16

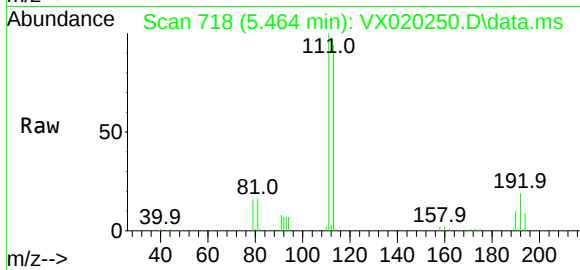
Tgt Ion: 114 Resp: 451325
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 15.9 0.0 32.8



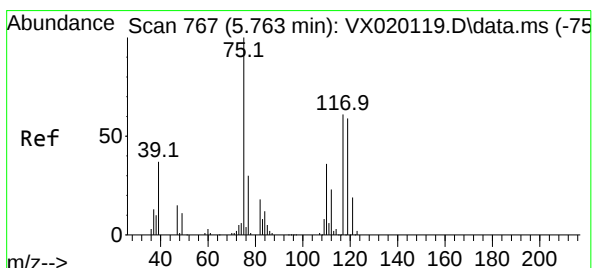
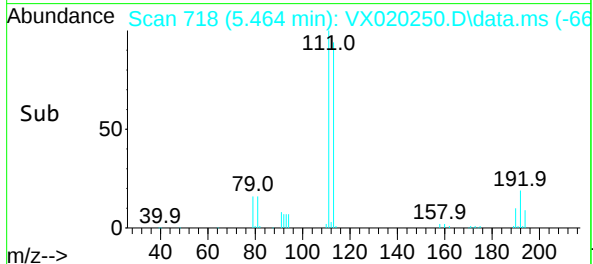
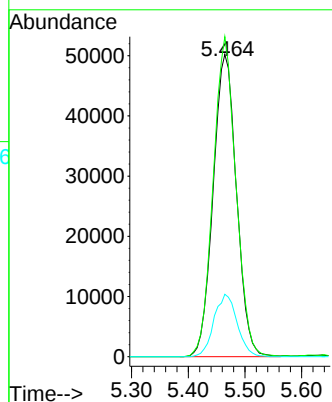


#35
Dibromofluoromethane
Concen: 49.77 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020250.D
Acq: 21 Dec 2020 15:16

Instrument :
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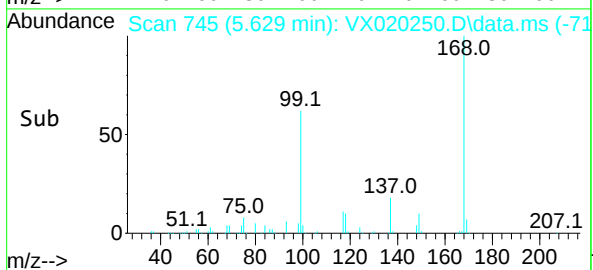
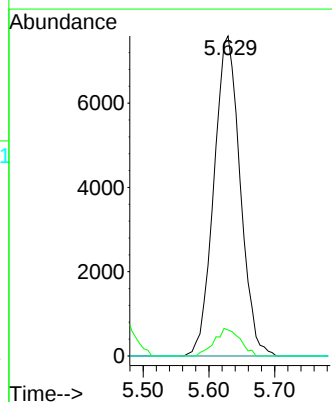
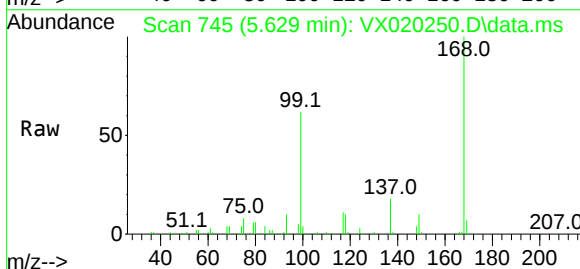


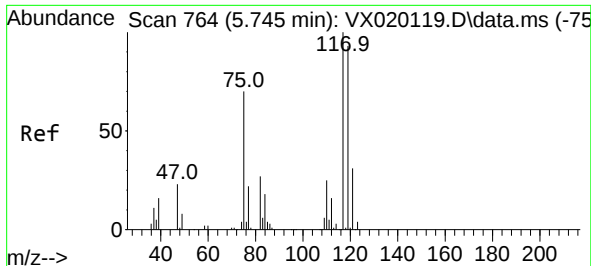
Tgt Ion:113 Resp: 143686
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 20.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.73 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020250.D
Acq: 21 Dec 2020 15:16

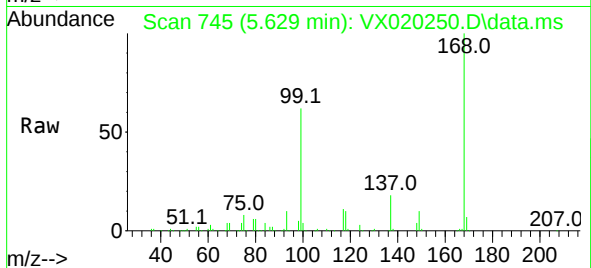
Tgt Ion: 75 Resp: 21118
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#



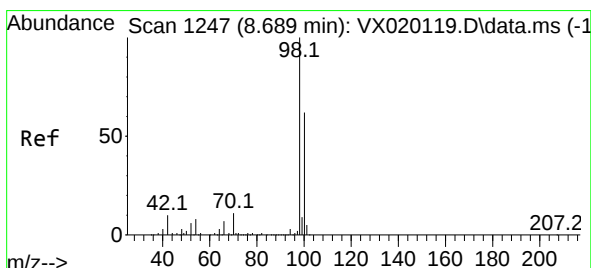
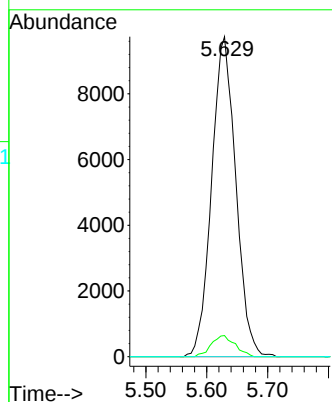
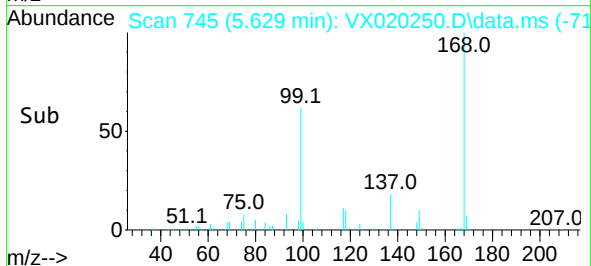


#38
Carbon Tetrachloride
Concen: 6.33 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020250.D
Acq: 21 Dec 2020 15:16

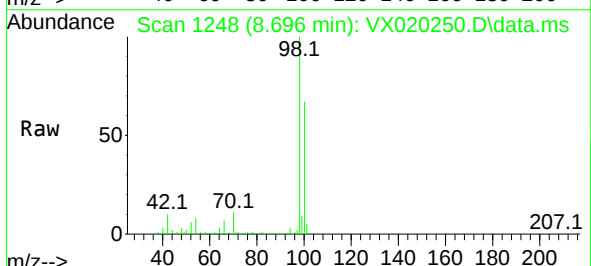
Instrument :
MSVOA_X
ClientSampleId :
49-PZ002(DOB)-121520



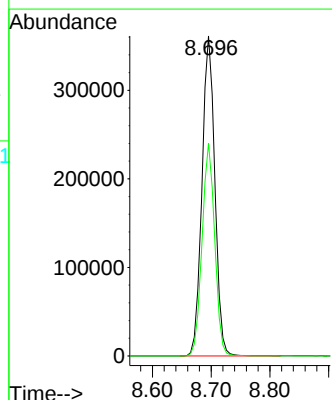
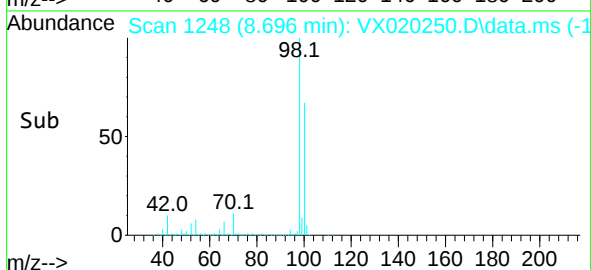
Tgt Ion:117 Resp: 26853
Ion Ratio Lower Upper
117 100
119 6.6 76.2 114.2#
121 0.0 24.8 37.2#

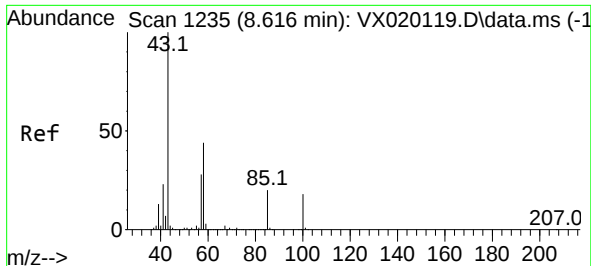


#50
Toluene-d8
Concen: 49.54 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020250.D
Acq: 21 Dec 2020 15:16



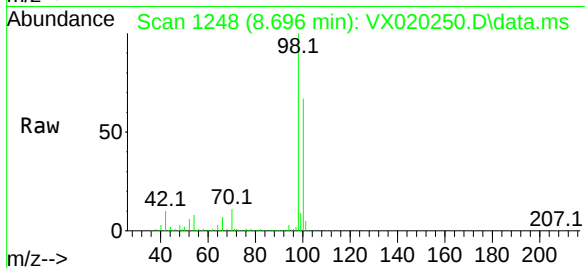
Tgt Ion: 98 Resp: 550561
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



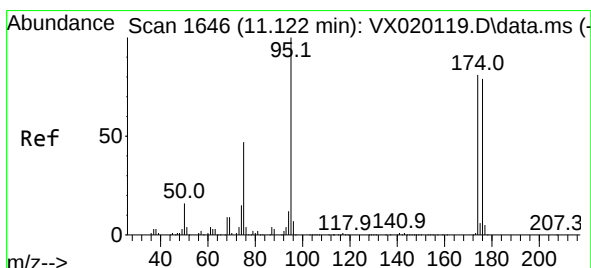
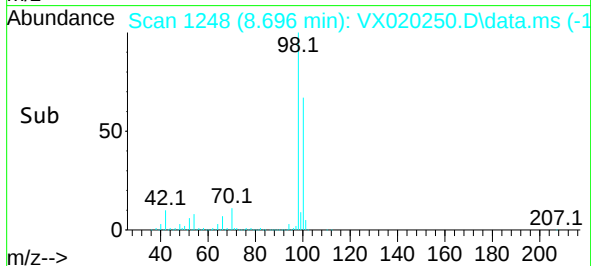
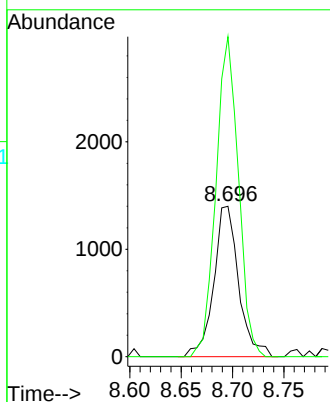


#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020250.D
Acq: 21 Dec 2020 15:16

Instrument :
MSVOA_X
ClientSampleId :
49-PZ002(DOB)-121520

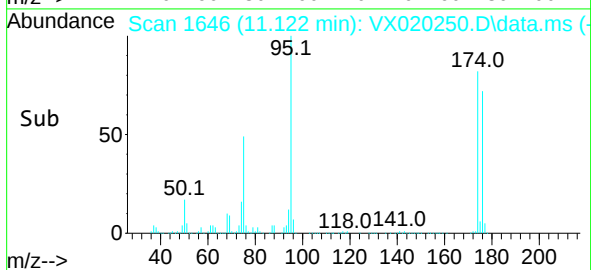
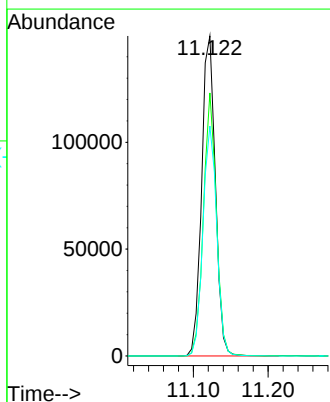
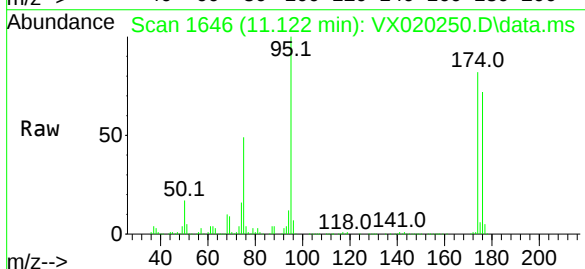


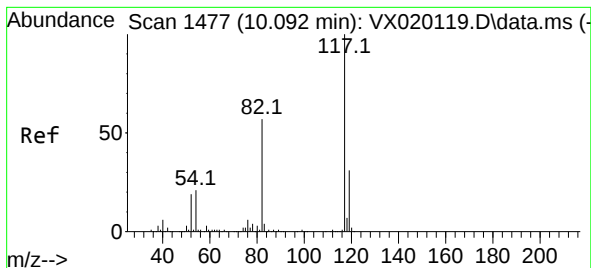
Tgt Ion: 43 Resp: 2354
Ion Ratio Lower Upper
43 100
58 192.1 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 44.82 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020250.D
Acq: 21 Dec 2020 15:16

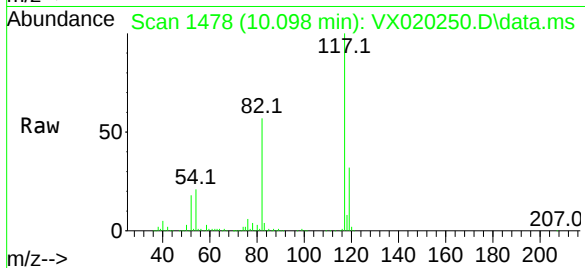
Tgt Ion: 95 Resp: 190625
Ion Ratio Lower Upper
95 100
174 77.5 0.0 154.6
176 72.2 0.0 155.8



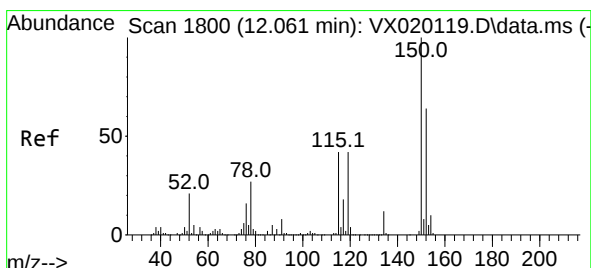
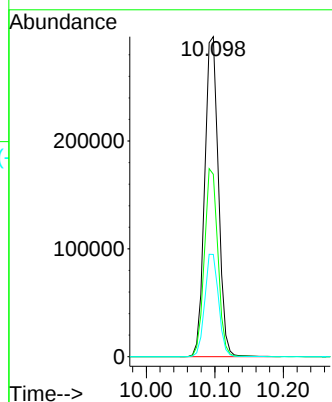
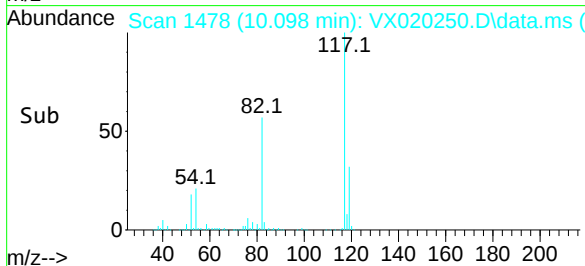


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020250.D
Acq: 21 Dec 2020 15:16

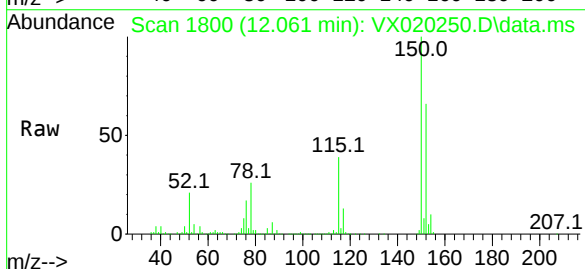
Instrument :
MSVOA_X
ClientSampleId :
49-PZ002(DOB)-121520



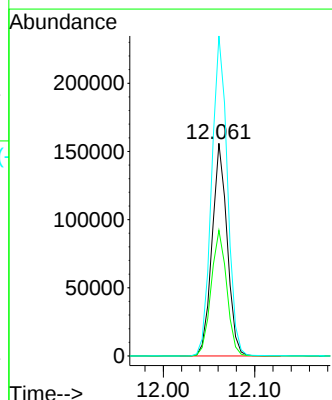
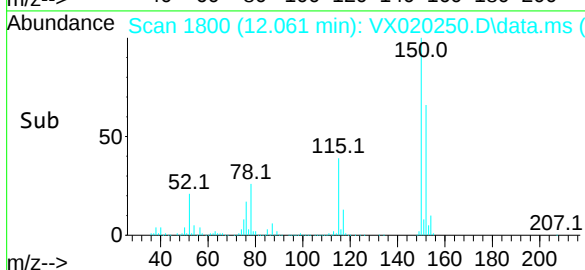
Tgt Ion:117 Resp: 413949
Ion Ratio Lower Upper
117 100
82 57.0 47.4 71.2
119 32.0 26.6 39.8

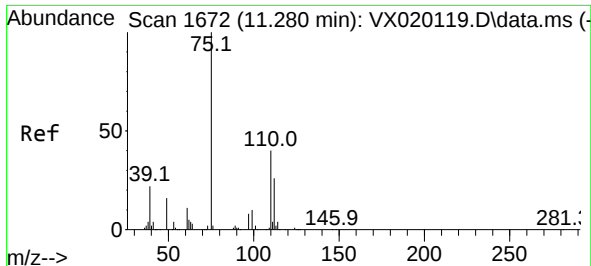


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020250.D
Acq: 21 Dec 2020 15:16



Tgt Ion:152 Resp: 178450
Ion Ratio Lower Upper
152 100
115 60.8 41.1 123.3
150 157.3 0.0 349.0

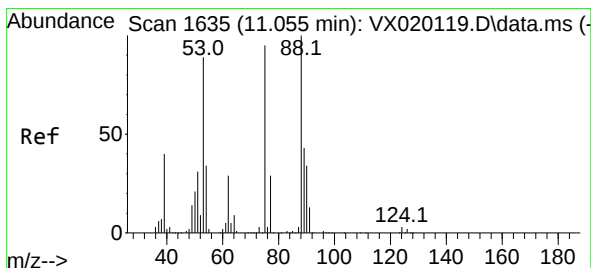
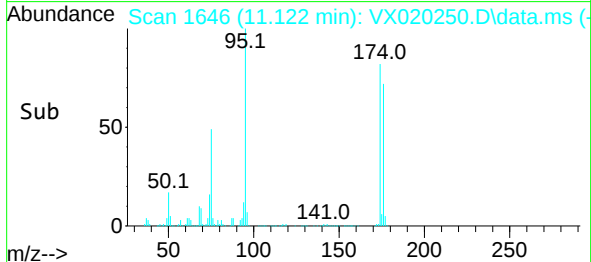
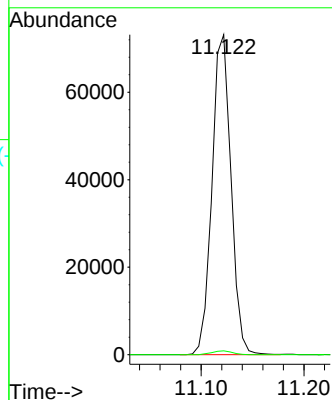
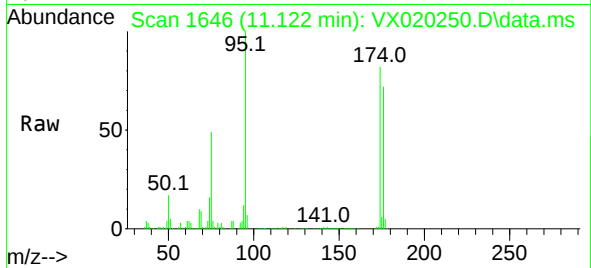




#76
1,2,3-Trichloropropane
Concen: 21.32 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020250.D
Acq: 21 Dec 2020 15:16

Instrument :
MSVOA_X
ClientSampleId :
49-PZ002(DOB)-121520

Tgt Ion: 75 Resp: 93718
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.25 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020250.D
Acq: 21 Dec 2020 15:16

Tgt Ion: 75 Resp: 93718
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

