

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020340.D
 Acq On : 23 Dec 2020 15:54
 Operator : JC/MD
 Sample : L5123-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20201213

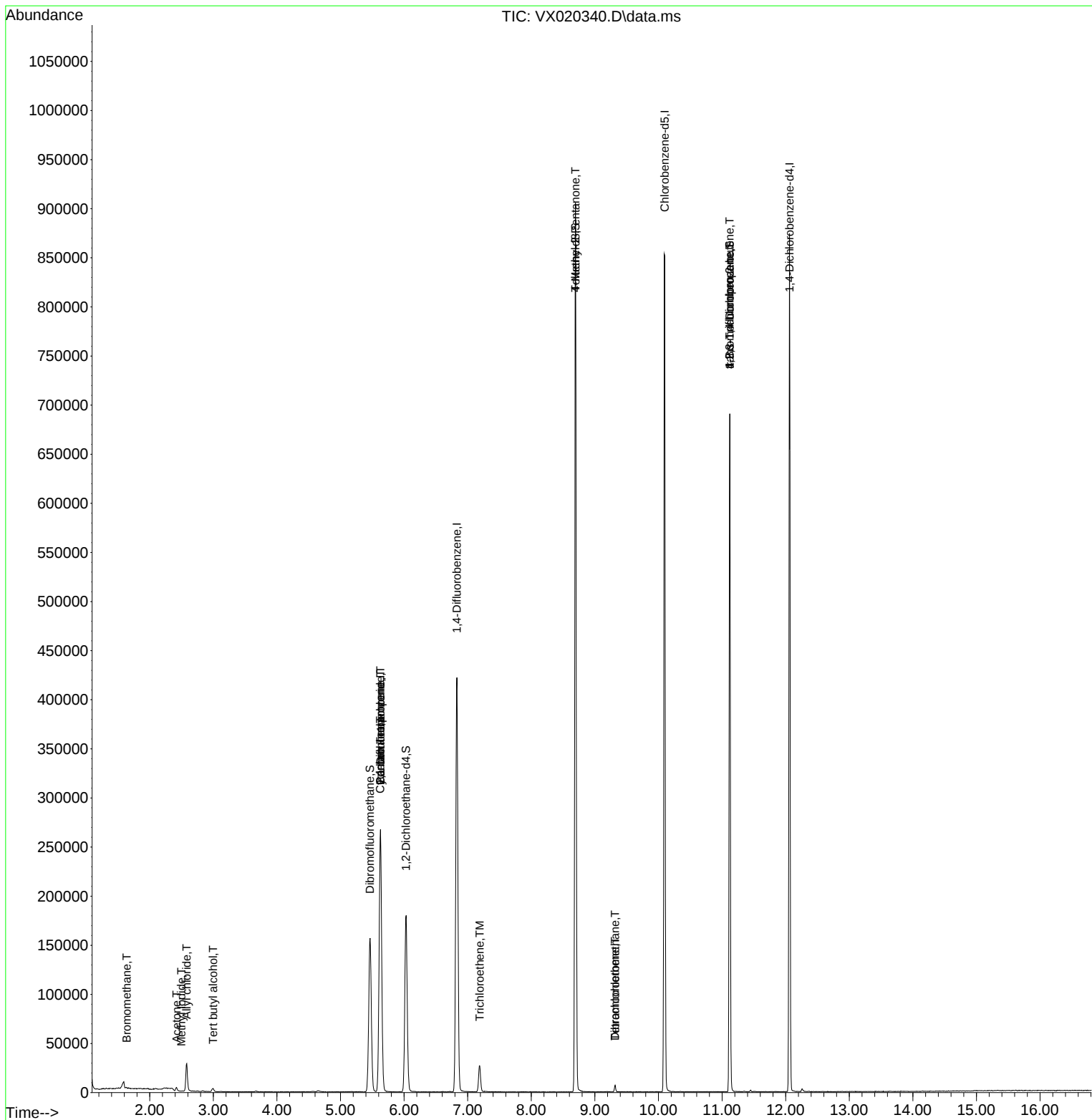
Quant Time: Dec 24 00:17:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

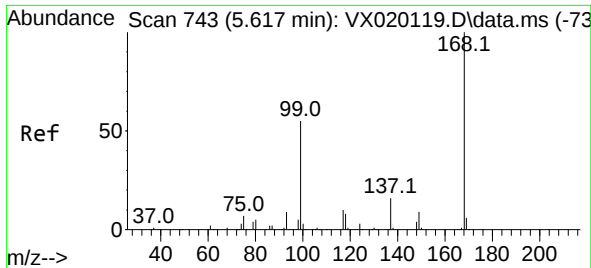
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	249777	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	426114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	410669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	174738	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	171930	51.35	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.70%	
35) Dibromofluoromethane	5.464	113	137718	50.52	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.04%	
50) Toluene-d8	8.695	98	532948	50.79	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.58%	
62) 4-Bromofluorobenzene	11.122	95	188394	46.91	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 93.82%	
Target Compounds						
						Qvalue
5) Bromomethane	1.636	94	426	0.39	ug/l	100
10) Methyl Iodide	2.495	142	71	3.31	ug/l #	42
11) Tert butyl alcohol	2.995	59	1938	2.58	ug/l #	73
14) Allyl chloride	2.581	41	3027	0.67	ug/l #	55
16) Acetone	2.422	43	3519	2.30	ug/l	98
31) Cyclohexane	5.623	56	5045	1.09	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	19940	4.74	ug/l #	48
38) Carbon Tetrachloride	5.629	117	25316	6.32	ug/l #	16
44) Trichloroethene	7.190	130	10447	3.08	ug/l	96
51) 4-Methyl-2-Pentanone	8.695	43	2102	0.49	ug/l #	1
60) Dibromochloromethane	9.317	129	1233	0.38	ug/l #	11
64) Tetrachloroethene	9.317	164	1119	0.36	ug/l	94
76) 1,2,3-Trichloropropane	11.122	75	91730	21.31	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	91730	63.23	ug/l #	12

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

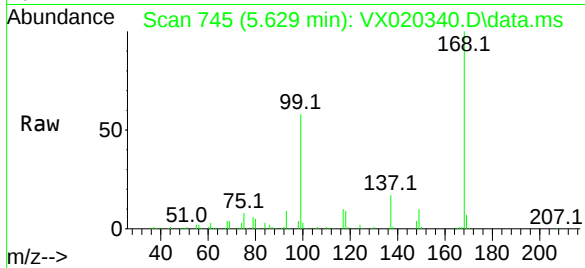
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



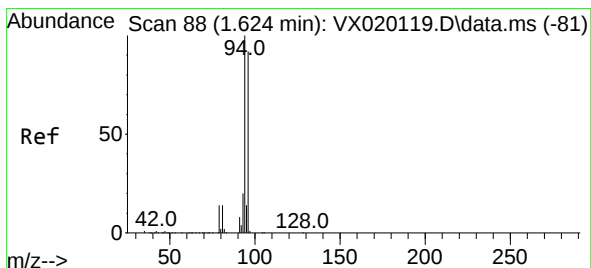
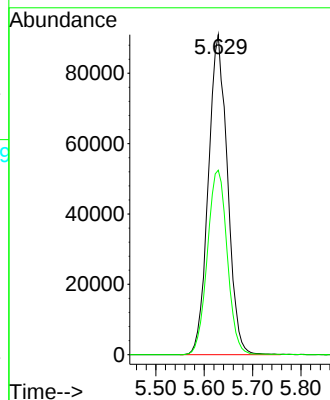
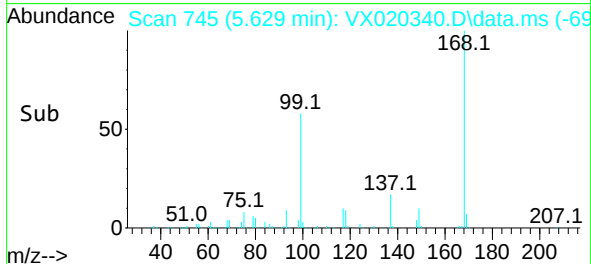


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020340.D
Acq: 23 Dec 2020 15:54

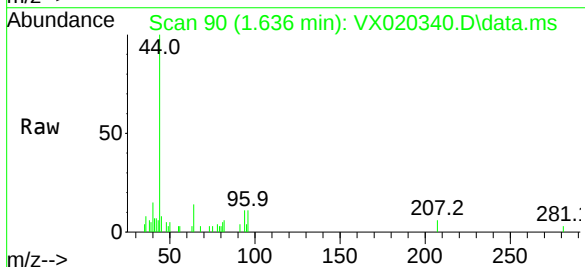
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20201213



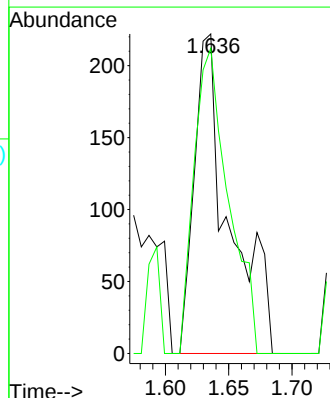
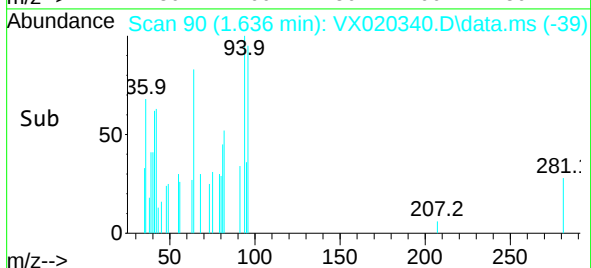
Tgt Ion:168 Resp: 249777
Ion Ratio Lower Upper
168 100
99 57.7 45.8 68.6

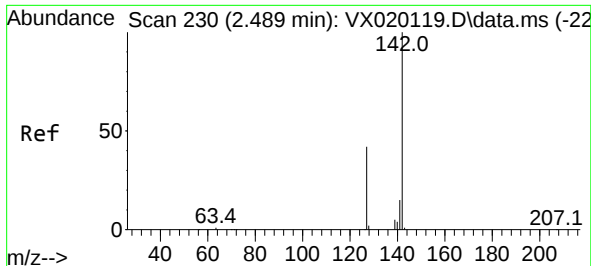


#5
Bromomethane
Concen: 0.39 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020340.D
Acq: 23 Dec 2020 15:54



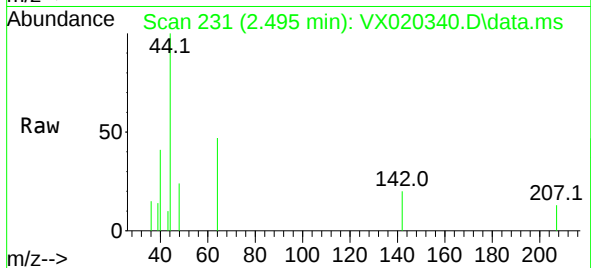
Tgt Ion: 94 Resp: 426
Ion Ratio Lower Upper
94 100
96 95.5 76.4 114.6



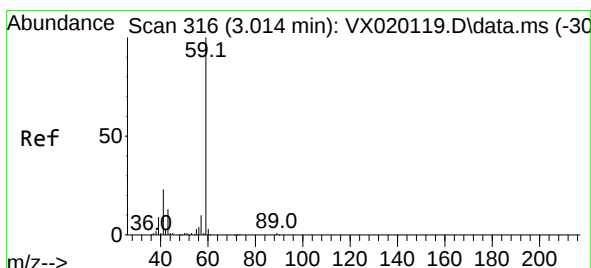
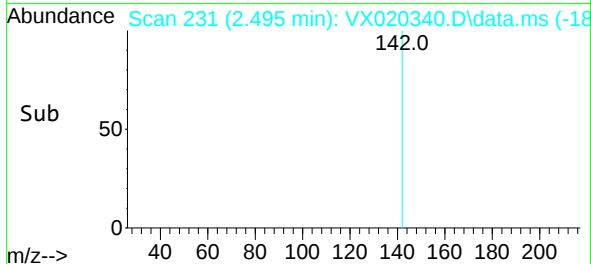
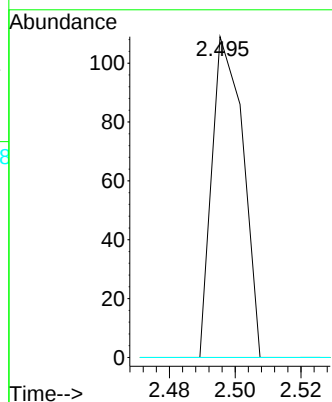


#10
Methyl Iodide
Concen: 3.31 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020340.D
Acq: 23 Dec 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
DUP06-20201213

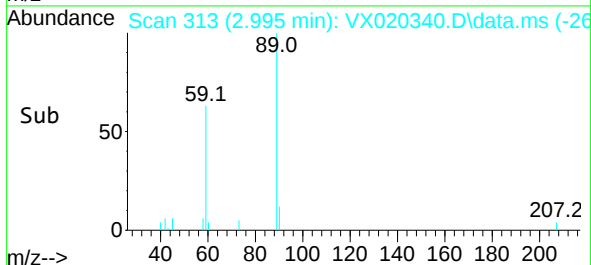
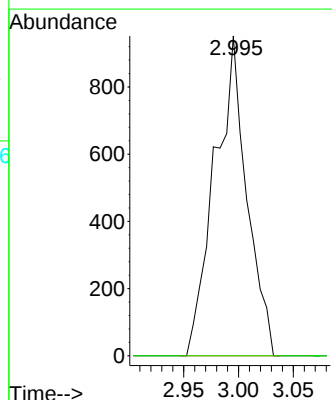
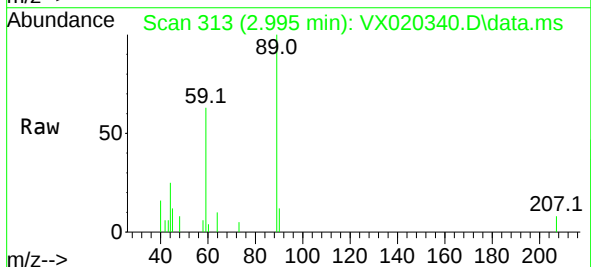


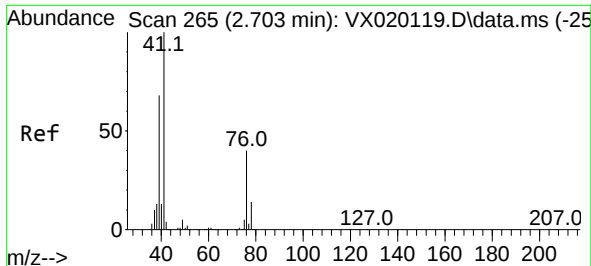
Tgt Ion:142 Resp: 71
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.58 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020340.D
Acq: 23 Dec 2020 15:54

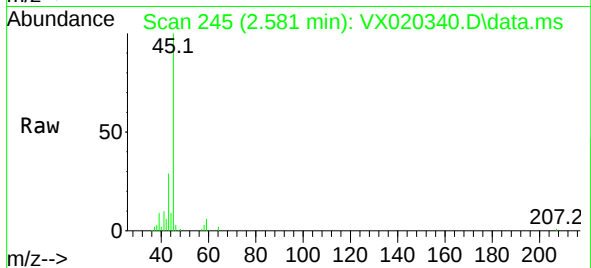
Tgt Ion: 59 Resp: 1938
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



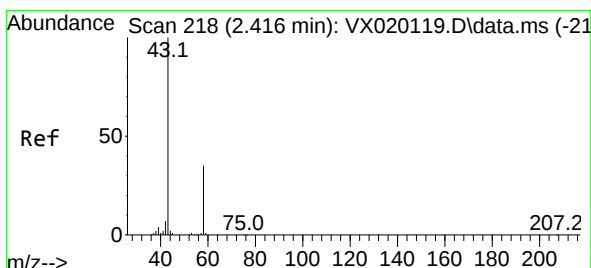
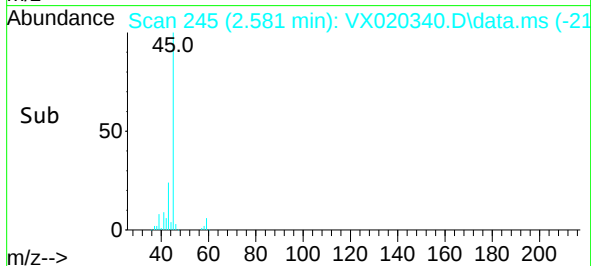
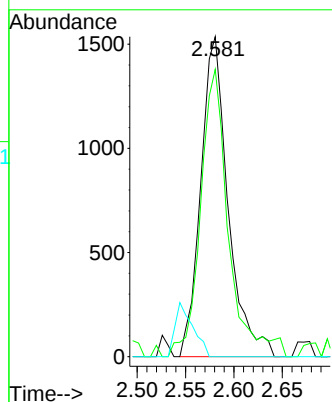


#14
 Allyl chloride
 Concen: 0.67 ug/l
 RT: 2.581 min Scan# 245
 Delta R.T. -0.122 min
 Lab File: VX020340.D
 Acq: 23 Dec 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20201213

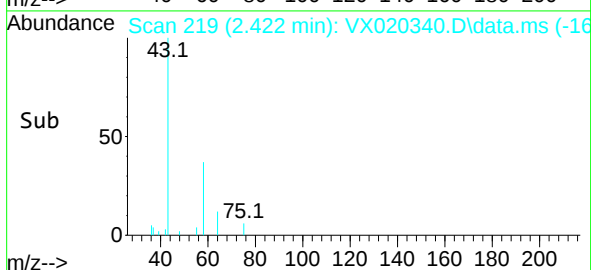
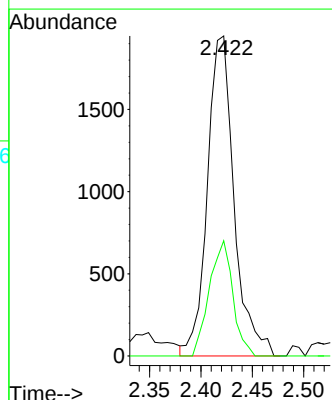
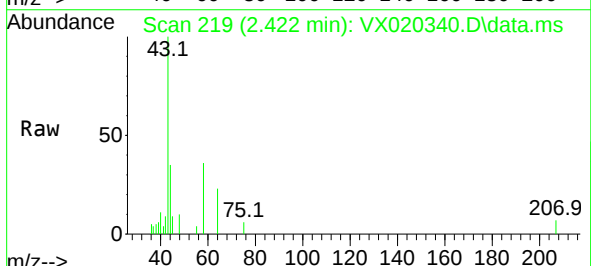


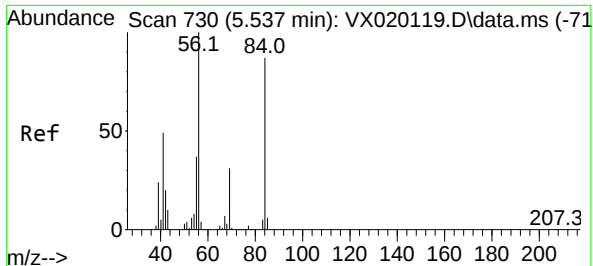
Tgt Ion: 41	Resp: 3027
Ion Ratio	Lower Upper
41 100	
39 91.4	51.6 77.4#
76 0.0	30.5 45.7#



#16
 Acetone
 Concen: 2.30 ug/l
 RT: 2.422 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VX020340.D
 Acq: 23 Dec 2020 15:54

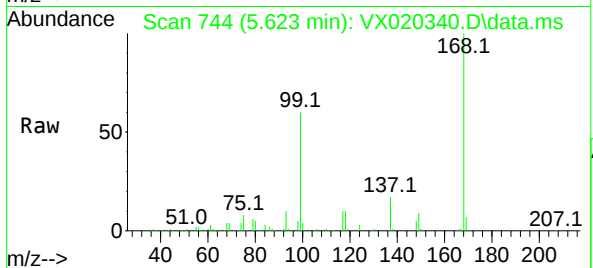
Tgt Ion: 43	Resp: 3519
Ion Ratio	Lower Upper
43 100	
58 36.0	27.8 41.8



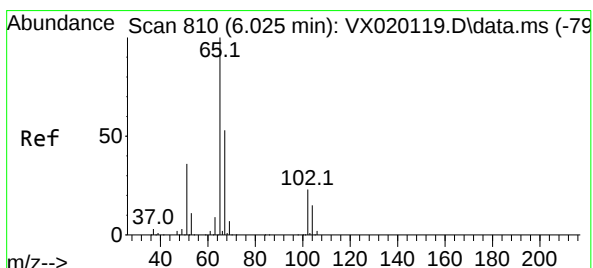
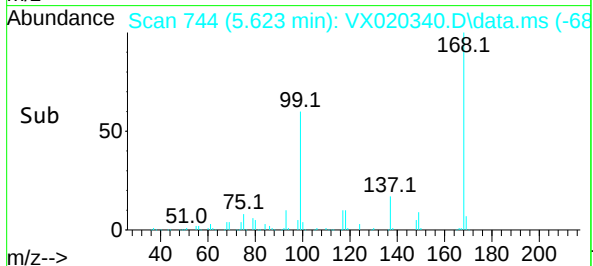
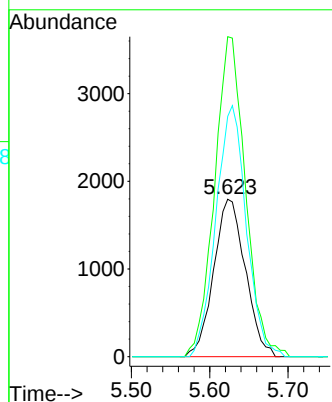


#31
Cyclohexane
Concen: 1.09 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020340.D
Acq: 23 Dec 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
DUP06-20201213

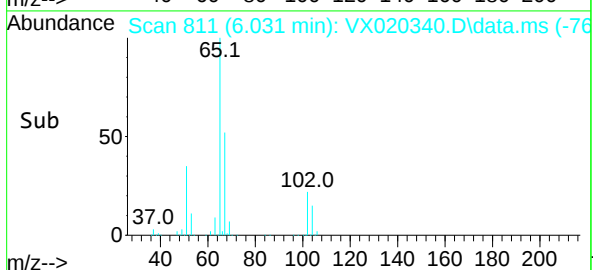
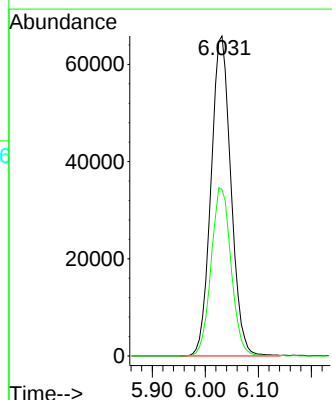
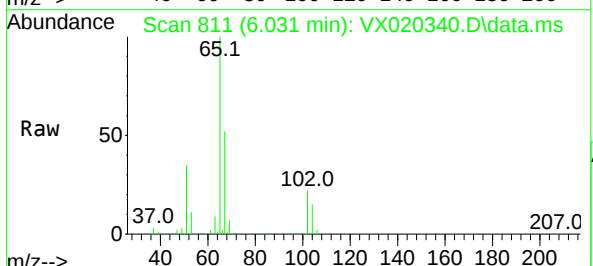


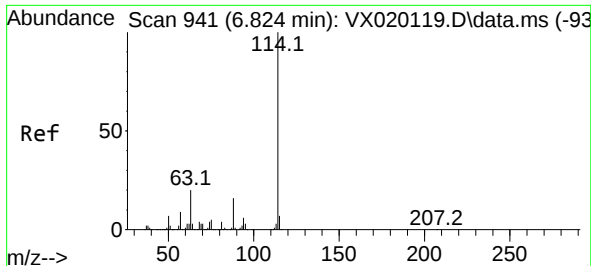
Tgt Ion: 56 Resp: 5045
Ion Ratio Lower Upper
56 100
69 203.3 25.3 37.9#
84 152.7 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.35 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020340.D
Acq: 23 Dec 2020 15:54

Tgt Ion: 65 Resp: 171930
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4

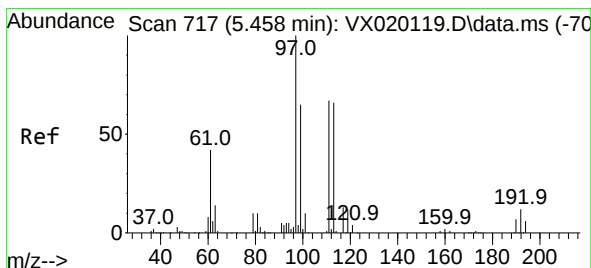
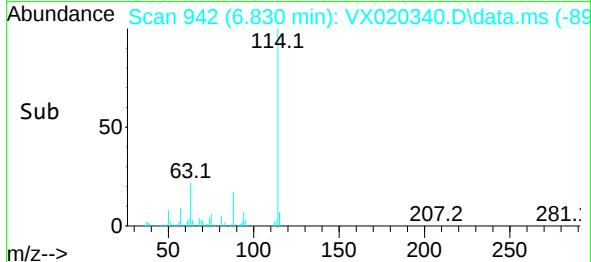
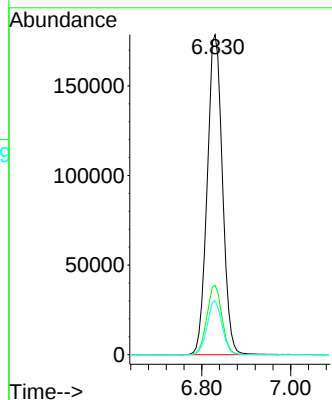
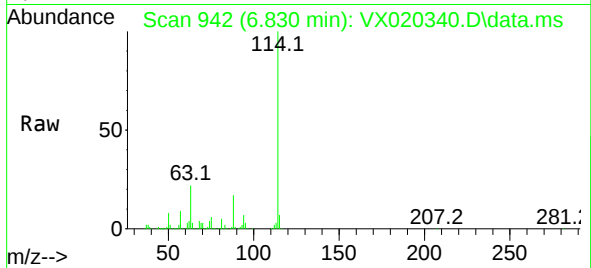




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020340.D
Acq: 23 Dec 2020 15:54

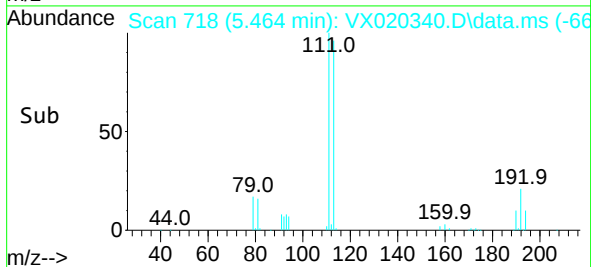
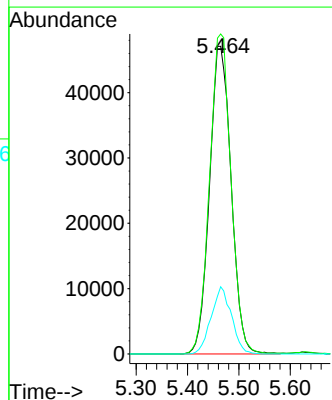
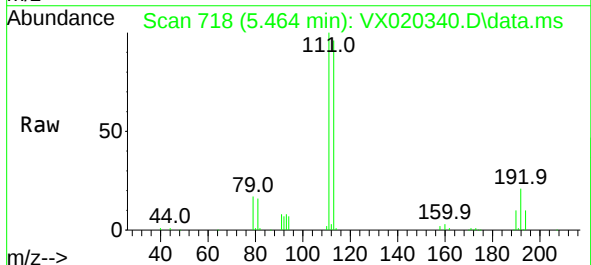
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20201213

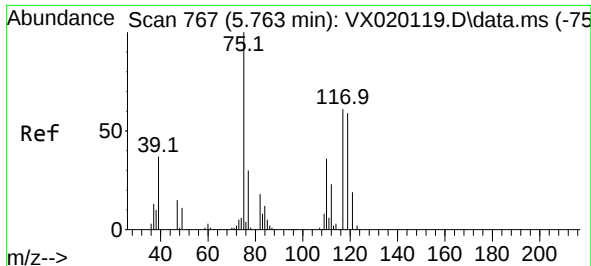
Tgt Ion:114 Resp: 426114
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.52 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020340.D
Acq: 23 Dec 2020 15:54

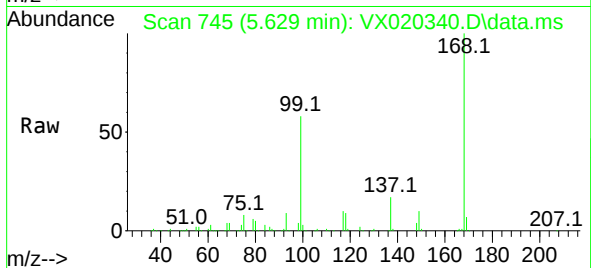
Tgt Ion:113 Resp: 137718
Ion Ratio Lower Upper
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111 103.3 81.9 122.9
192 20.5 16.7 25.1



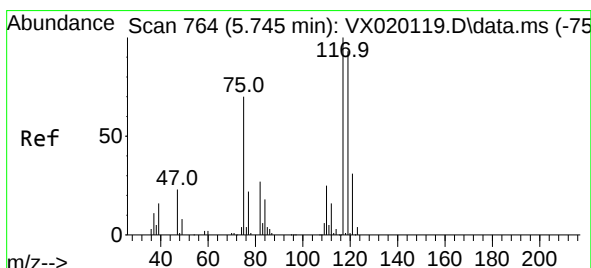
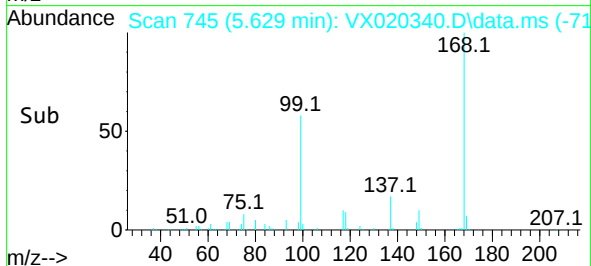
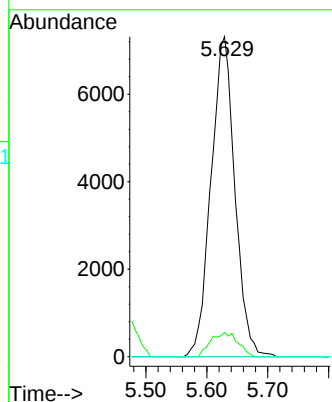


#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020340.D
Acq: 23 Dec 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
DUP06-20201213

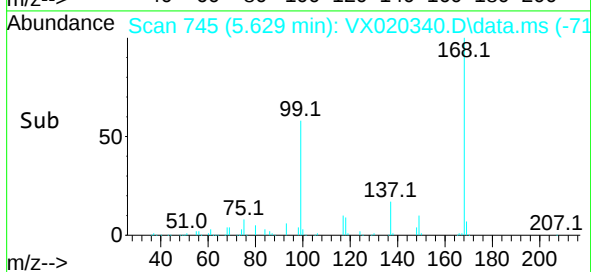
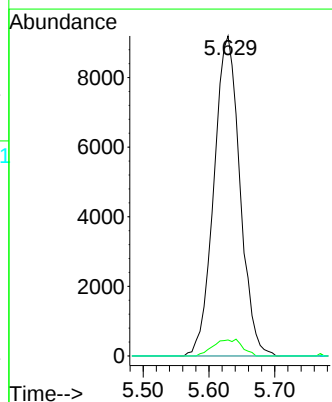
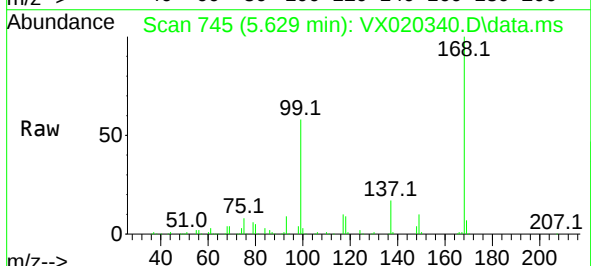


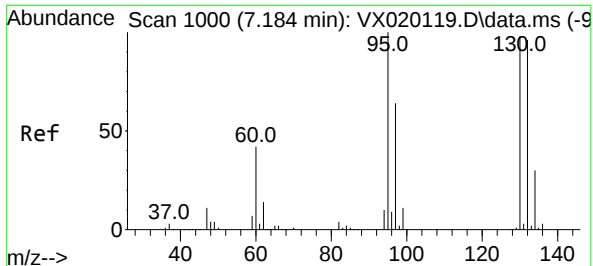
Tgt Ion: 75 Resp: 19940
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.32 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020340.D
Acq: 23 Dec 2020 15:54

Tgt Ion: 117 Resp: 25316
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#

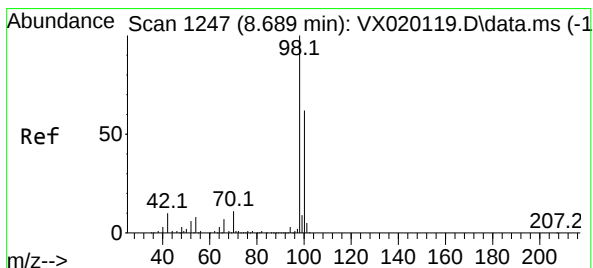
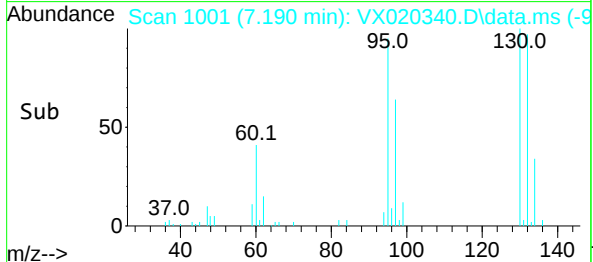
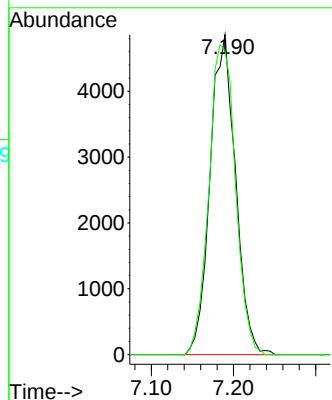
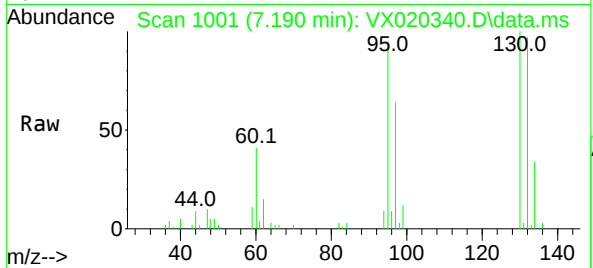




#44
Trichloroethene
Concen: 3.08 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020340.D
Acq: 23 Dec 2020 15:54

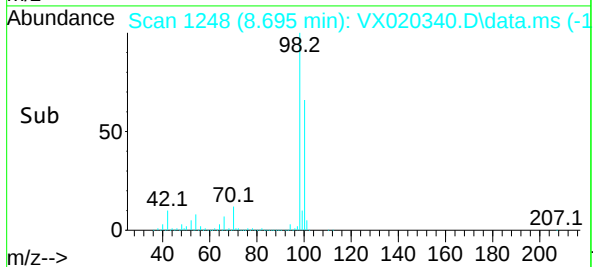
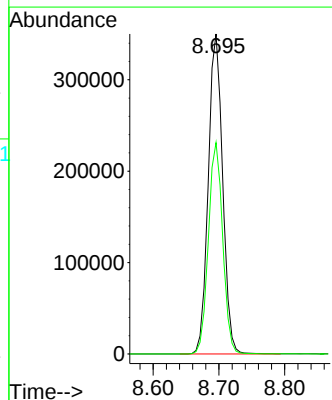
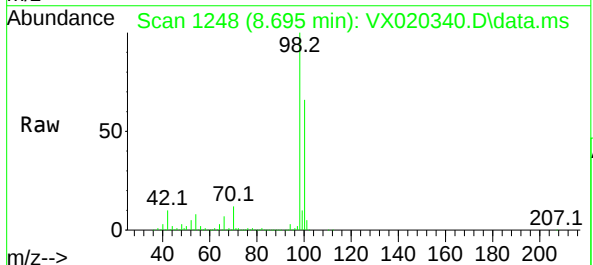
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20201213

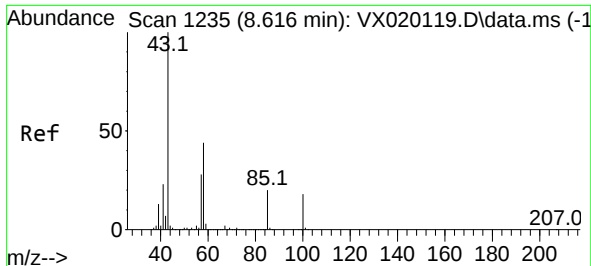
Tgt Ion:130 Resp: 10447
Ion Ratio Lower Upper
130 100
95 95.0 0.0 198.0



#50
Toluene-d8
Concen: 50.79 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020340.D
Acq: 23 Dec 2020 15:54

Tgt Ion: 98 Resp: 532948
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9

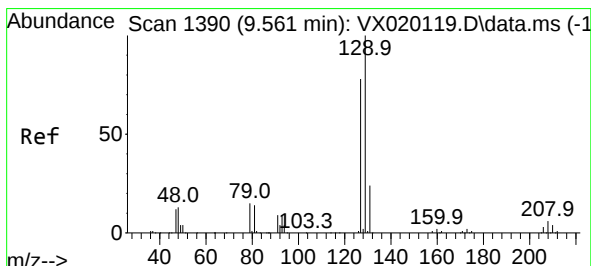
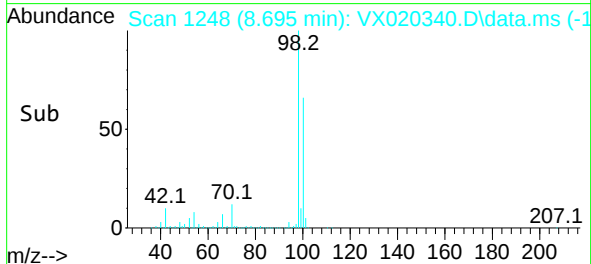
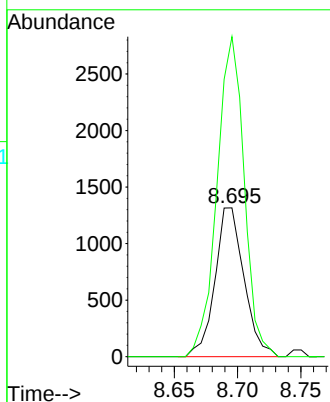
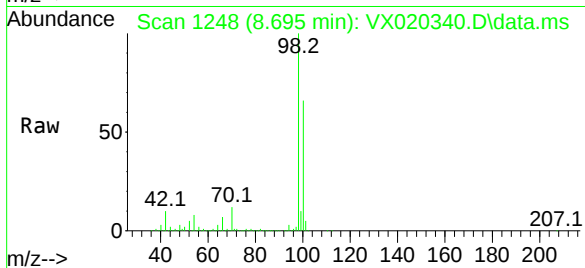




#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.079 min
Lab File: VX020340.D
Acq: 23 Dec 2020 15:54

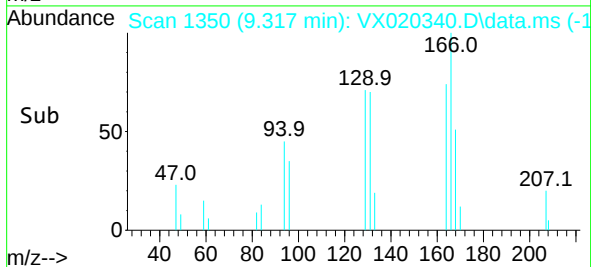
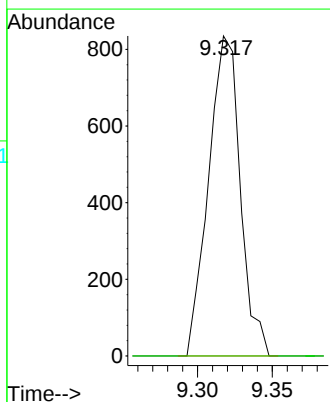
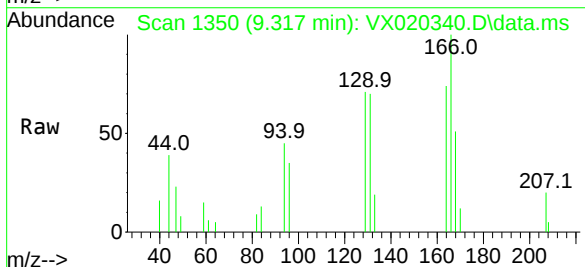
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20201213

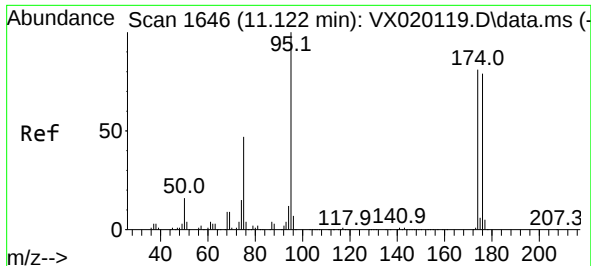
Tgt Ion: 43 Resp: 2102
Ion Ratio Lower Upper
43 100
58 201.4 35.4 53.0#



#60
Dibromochloromethane
Concen: 0.38 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX020340.D
Acq: 23 Dec 2020 15:54

Tgt Ion: 129 Resp: 1233
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

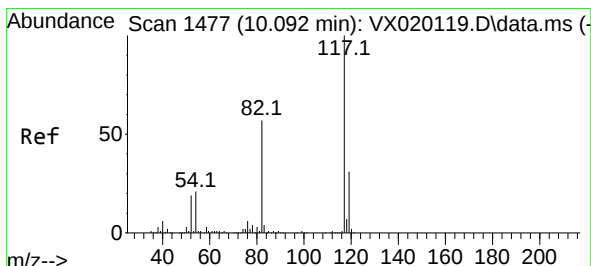
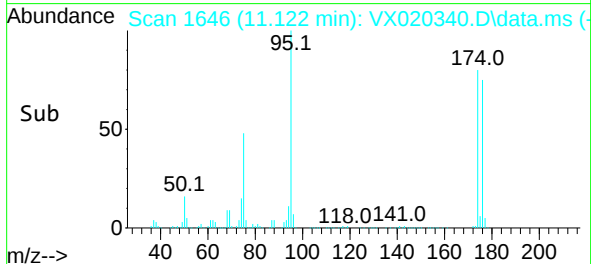
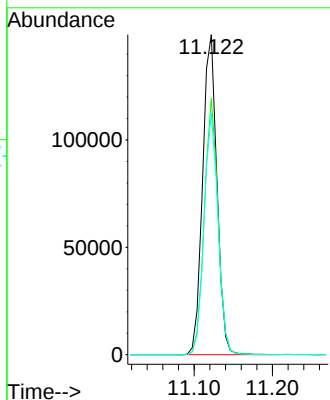
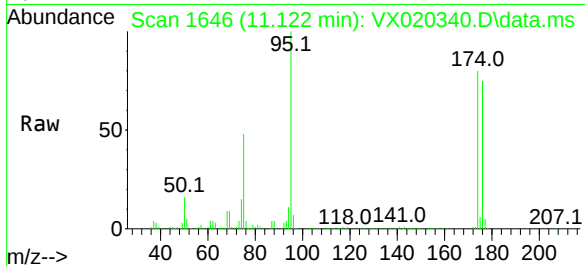




#62
4-Bromofluorobenzene
Concen: 46.91 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020340.D
Acq: 23 Dec 2020 15:54

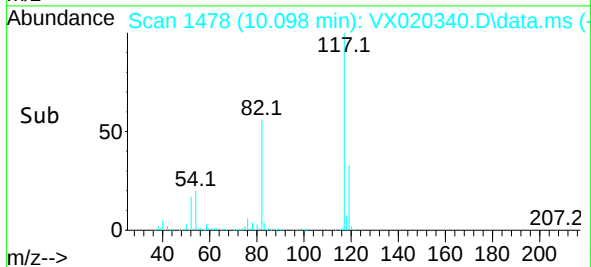
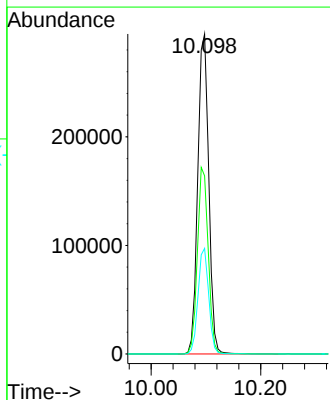
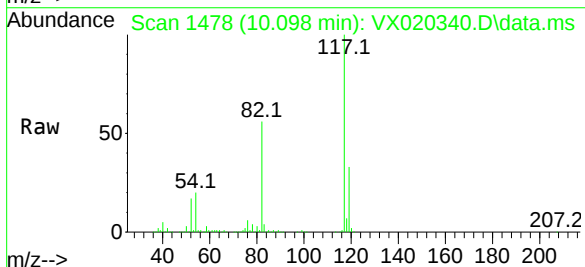
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20201213

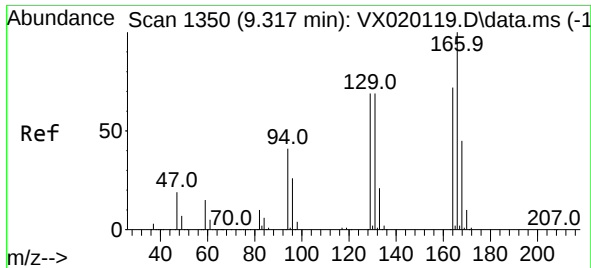
Tgt Ion: 95 Resp: 188394
Ion Ratio Lower Upper
95 100
174 77.4 0.0 154.6
176 73.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020340.D
Acq: 23 Dec 2020 15:54

Tgt Ion: 117 Resp: 410669
Ion Ratio Lower Upper
117 100
82 55.6 47.4 71.2
119 33.0 26.6 39.8



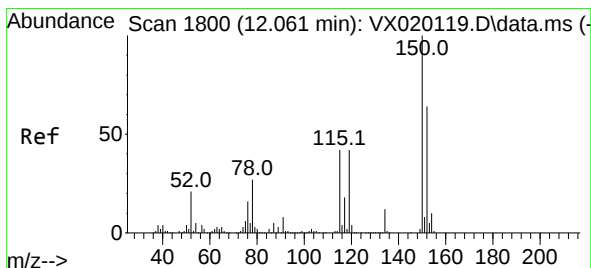
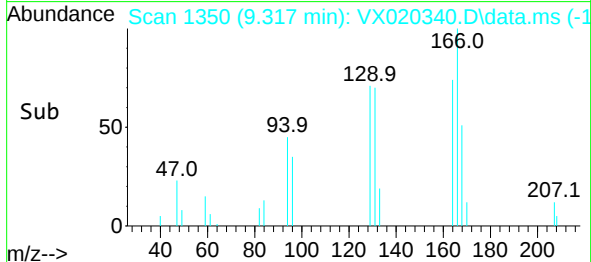
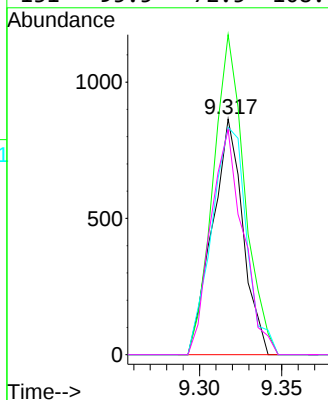
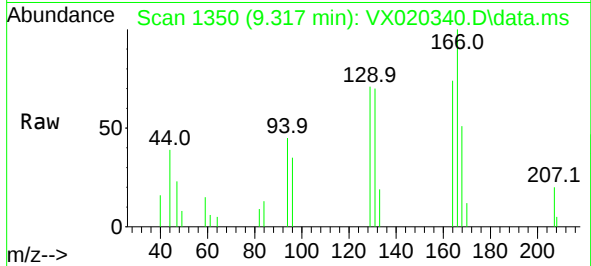


#64
Tetrachloroethene
Concen: 0.36 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020340.D
Acq: 23 Dec 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
DUP06-20201213

Tgt Ion:164 Resp: 1119

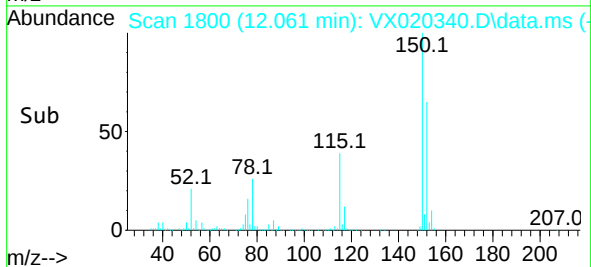
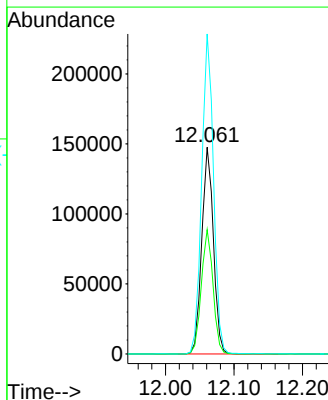
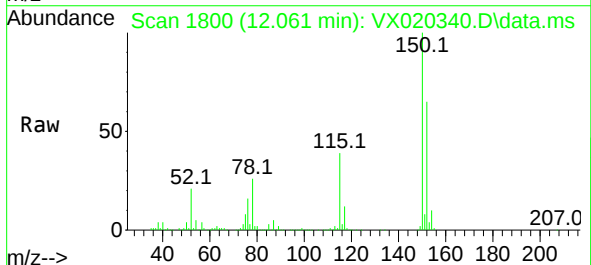
Ion	Ratio	Lower	Upper
164	100		
166	135.7	103.4	155.2
129	96.5	70.8	106.2
131	95.5	72.5	108.7

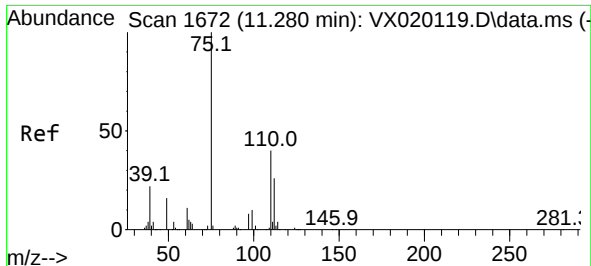


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020340.D
Acq: 23 Dec 2020 15:54

Tgt Ion:152 Resp: 174738

Ion	Ratio	Lower	Upper
152	100		
115	60.4	41.1	123.3
150	157.2	0.0	349.0

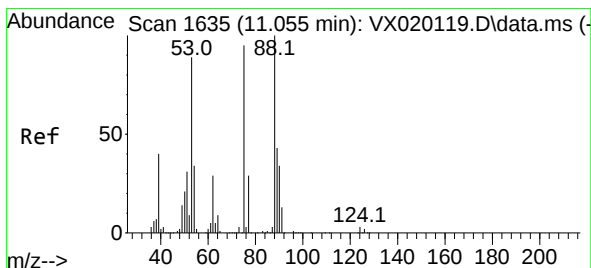
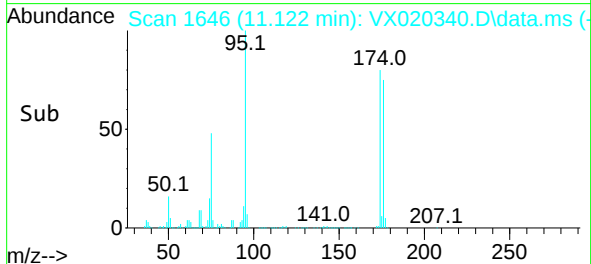
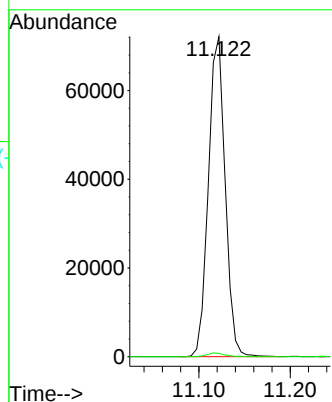
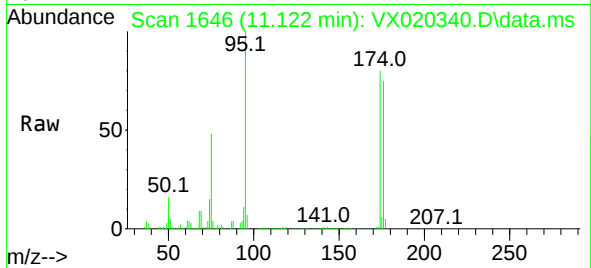




#76
1,2,3-Trichloropropane
Concen: 21.31 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020340.D
Acq: 23 Dec 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
DUP06-20201213

Tgt Ion: 75 Resp: 91730
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.23 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020340.D
Acq: 23 Dec 2020 15:54

Tgt Ion: 75 Resp: 91730
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

