

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020321\
 Data File : VX020840.D
 Acq On : 03 Feb 2021 15:07
 Operator : JC/SP
 Sample : M1289-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-DDC-5-PD

Quant Time: Feb 04 02:23:05 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	282791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	471735	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	454958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	202115	50.00	ug/l	0.00

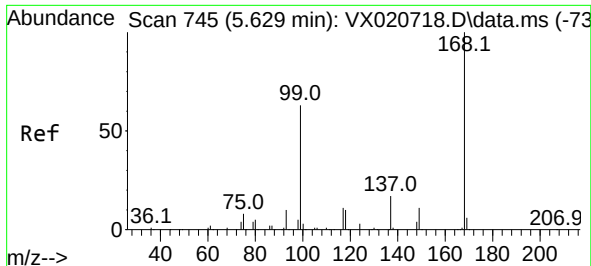
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	189966	49.25	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.50%
35) Dibromofluoromethane	5.464	113	164490	50.91	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.82%
50) Toluene-d8	8.695	98	583800	49.28	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.56%
62) 4-Bromofluorobenzene	11.122	95	208385	45.30	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.60%

Target Compounds						Qvalue
5) Bromomethane	1.630	94	404	0.21	ug/l	99
11) Tert butyl alcohol	2.995	59	946	1.31	ug/l #	73
16) Acetone	2.422	43	1981	1.35	ug/l #	86
17) Carbon Disulfide	2.550	76	431	0.95	ug/l #	73
27) cis-1,2-Dichloroethene	4.562	96	24478	6.58	ug/l	91
30) Chloroform	5.172	83	2690	0.44	ug/l	97
31) Cyclohexane	5.635	56	4856	0.94	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	20709	4.37	ug/l #	49
38) Carbon Tetrachloride	5.629	117	29298	5.89	ug/l #	17
44) Trichloroethene	7.190	130	1965	0.53	ug/l	89
51) 4-Methyl-2-Pentanone	8.689	43	2012	0.45	ug/l #	1
60) Dibromochloromethane	9.317	129	16266	4.04	ug/l #	11
64) Tetrachloroethene	9.317	164	16104	4.62	ug/l	95
74) N-amyl acetate	10.963	43	45	2.02	ug/l #	38
76) 1,2,3-Trichloropropane	11.122	75	101985	21.76	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	101985	60.97	ug/l #	12
95) Naphthalene	13.816	128	335	2.89	ug/l #	69

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

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QLast Update : Mon Jan 25 13:38:15 2021
Response via : Initial Calibration

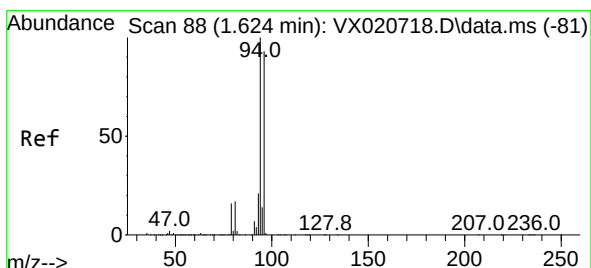
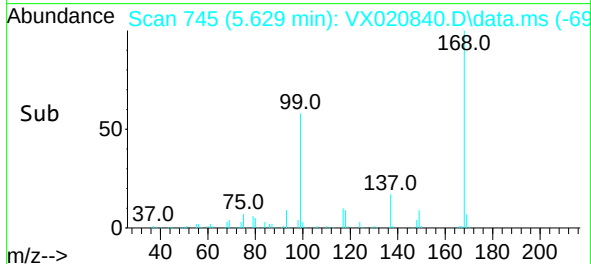
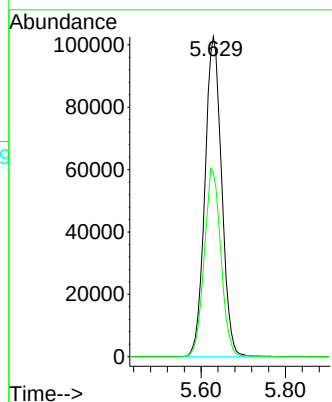
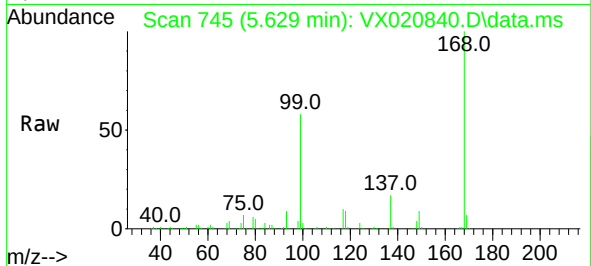




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020840.D
Acq: 03 Feb 2021 15:07

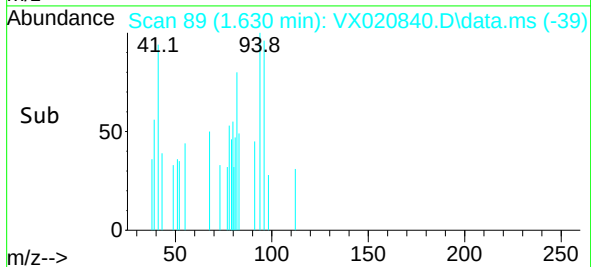
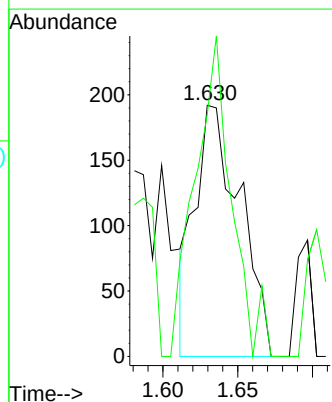
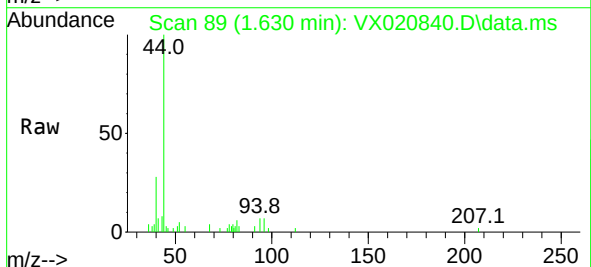
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-5-PD

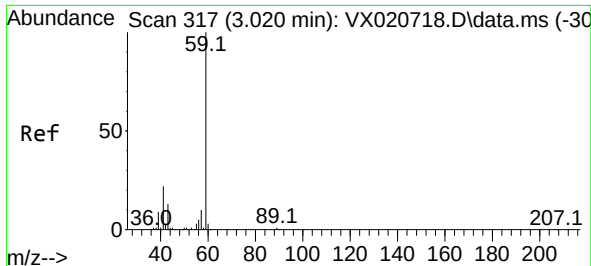
Tgt Ion:168 Resp: 282791
Ion Ratio Lower Upper
168 100
99 57.8 45.8 68.6



#5
Bromomethane
Concen: 0.21 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020840.D
Acq: 03 Feb 2021 15:07

Tgt Ion: 94 Resp: 404
Ion Ratio Lower Upper
94 100
96 96.4 76.4 114.6



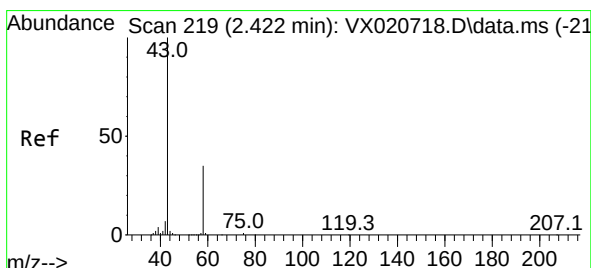
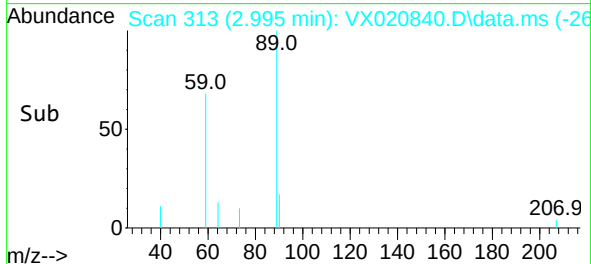
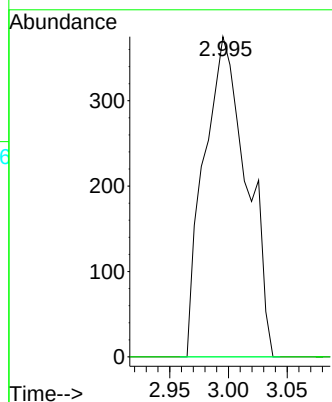
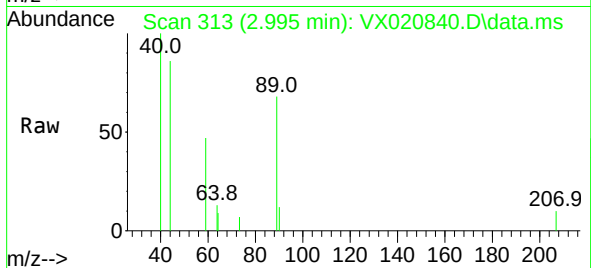


#11

Tert butyl alcohol
Concen: 1.31 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.025 min
Lab File: VX020840.D
Acq: 03 Feb 2021 15:07

Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-5-PD

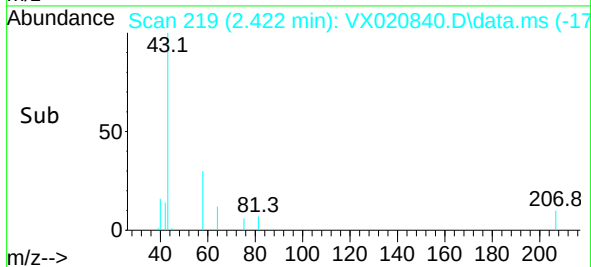
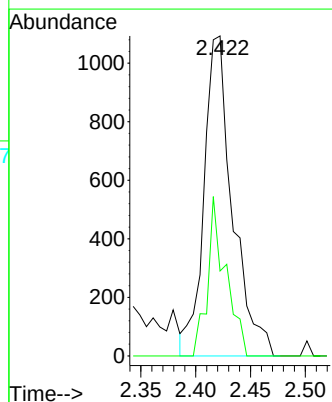
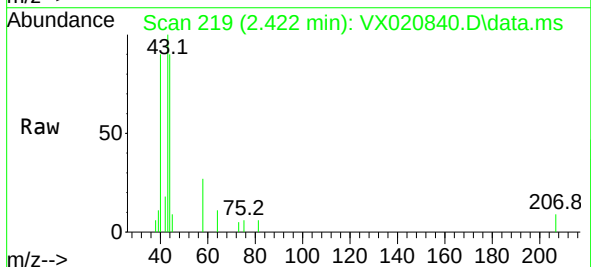
Tgt Ion: 59 Resp: 946
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

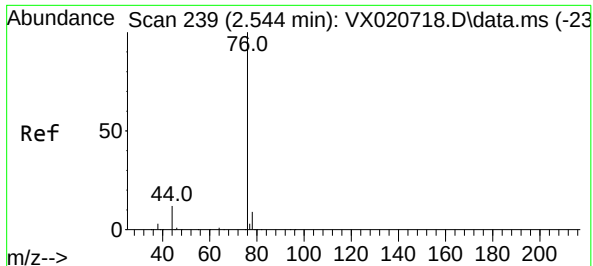


#16

Acetone
Concen: 1.35 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX020840.D
Acq: 03 Feb 2021 15:07

Tgt Ion: 43 Resp: 1981
Ion Ratio Lower Upper
43 100
58 26.5 27.8 41.8#

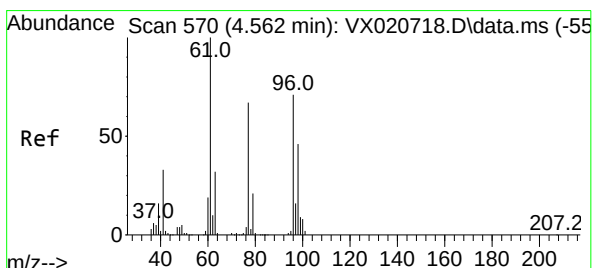
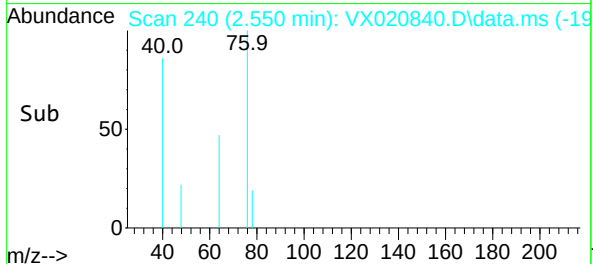
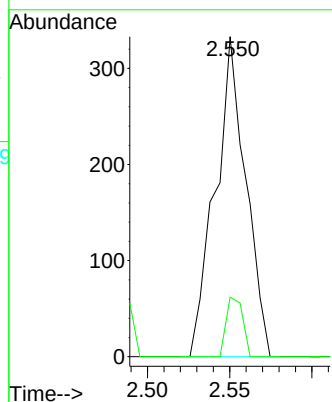
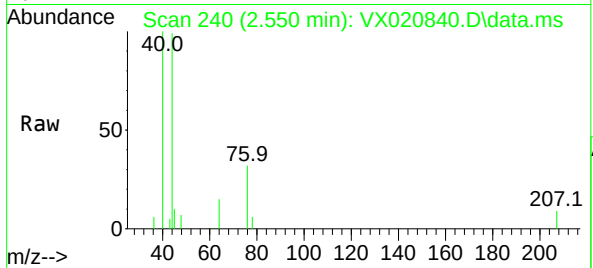




#17
Carbon Disulfide
Concen: 0.95 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020840.D
Acq: 03 Feb 2021 15:07

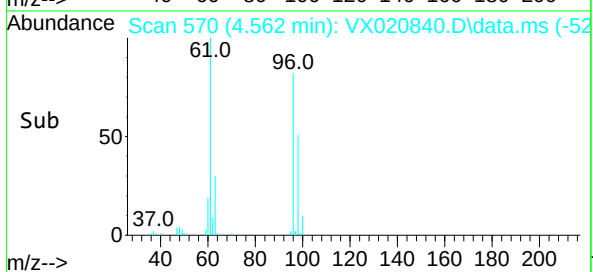
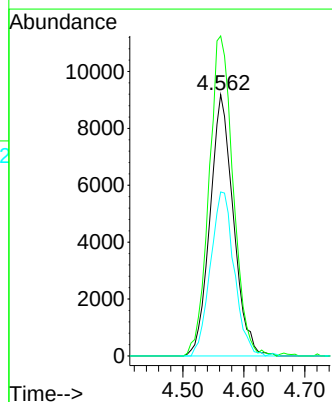
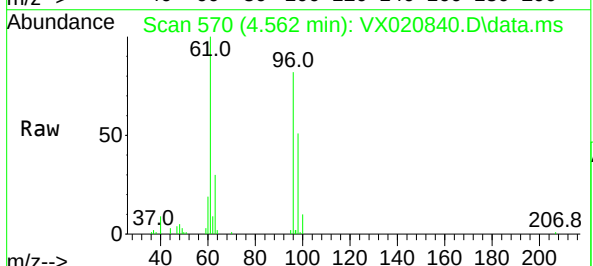
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-5-PD

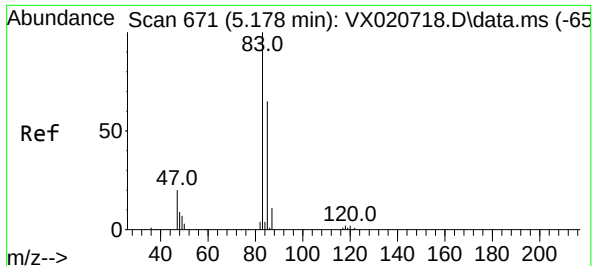
Tgt Ion: 76 Resp: 431
Ion Ratio Lower Upper
76 100
78 18.6 7.2 10.8#



#27
cis-1,2-Dichloroethene
Concen: 6.58 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX020840.D
Acq: 03 Feb 2021 15:07

Tgt Ion: 96 Resp: 24478
Ion Ratio Lower Upper
96 100
61 126.7 0.0 285.6
98 63.8 0.0 129.6





#30

Chloroform

Concen: 0.44 ug/l

RT: 5.172 min Scan# 670

Delta R.T. -0.006 min

Lab File: VX020840.D

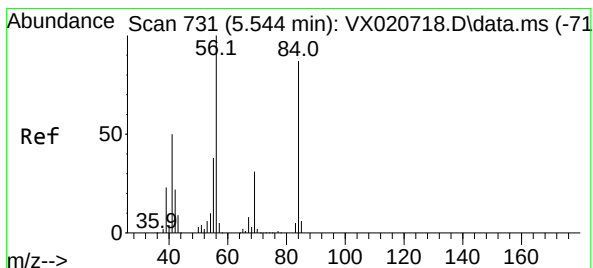
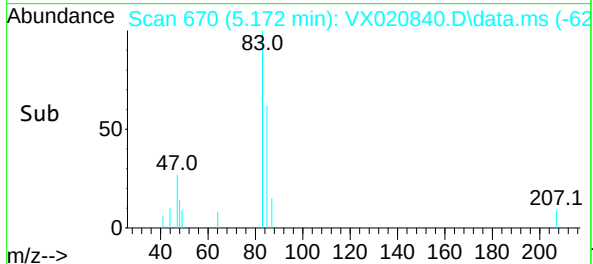
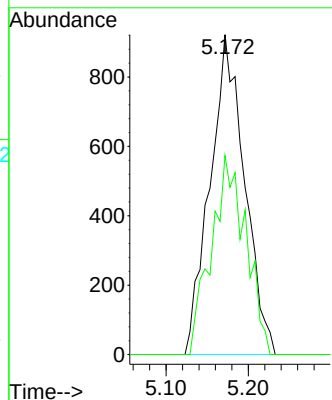
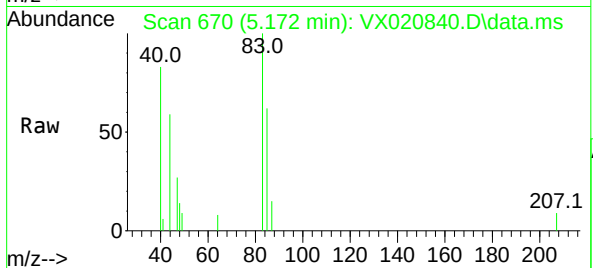
Acq: 03 Feb 2021 15:07

Tgt Ion: 83 Resp: 2690

Ion Ratio Lower Upper

83 100

85 62.3 52.0 78.0



#31

Cyclohexane

Concen: 0.94 ug/l

RT: 5.635 min Scan# 746

Delta R.T. 0.091 min

Lab File: VX020840.D

Acq: 03 Feb 2021 15:07

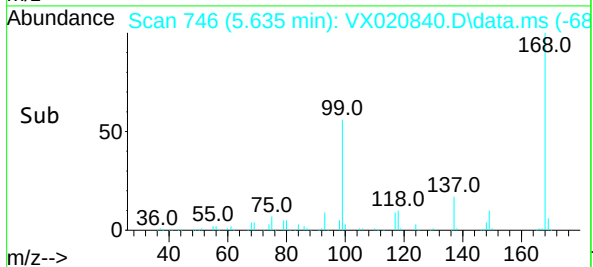
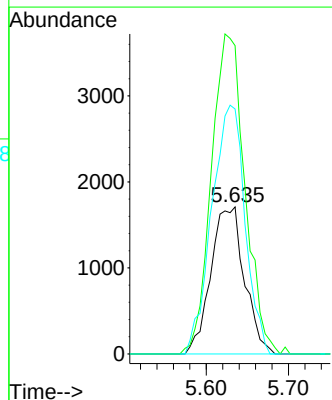
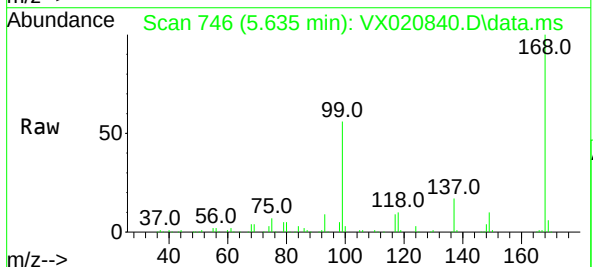
Tgt Ion: 56 Resp: 4856

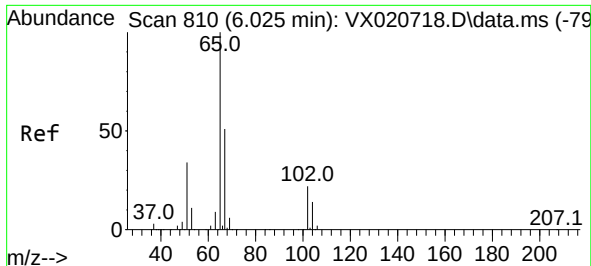
Ion Ratio Lower Upper

56 100

69 209.8 25.3 37.9#

84 166.6 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.25 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020840.D

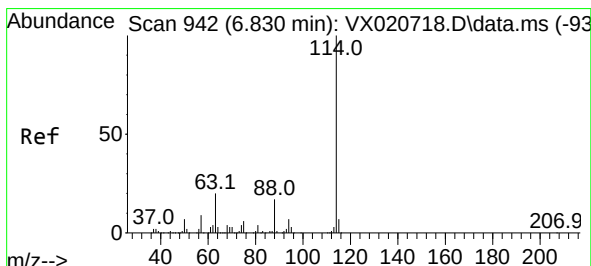
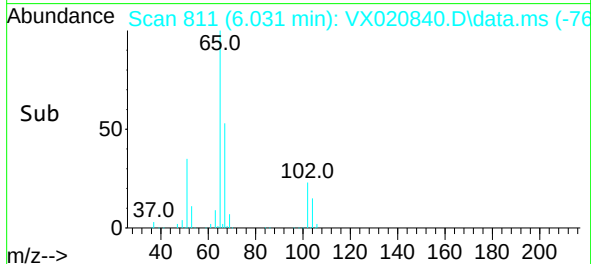
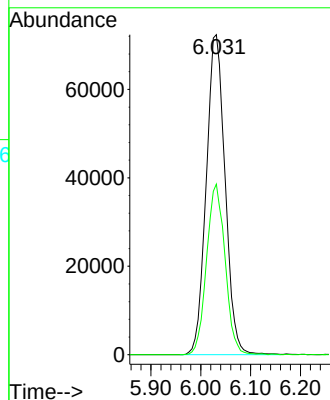
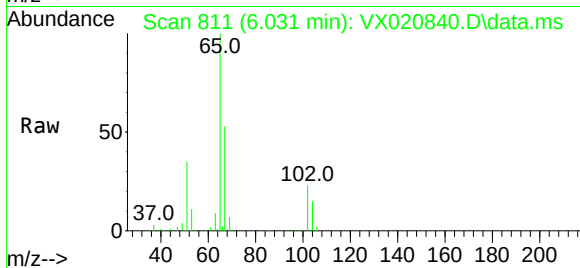
Acq: 03 Feb 2021 15:07

Tgt Ion: 65 Resp: 189966

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. -0.000 min

Lab File: VX020840.D

Acq: 03 Feb 2021 15:07

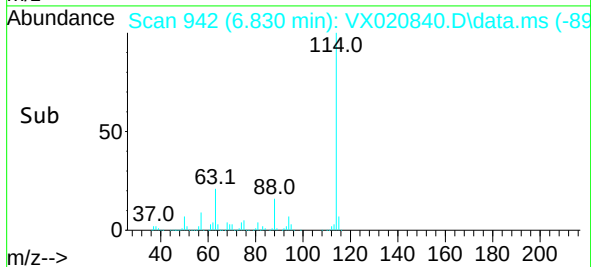
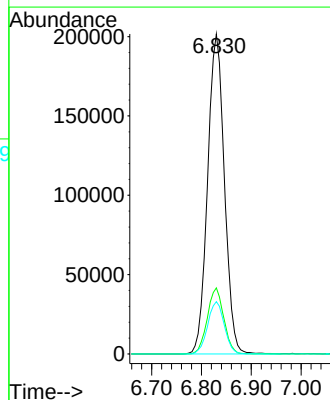
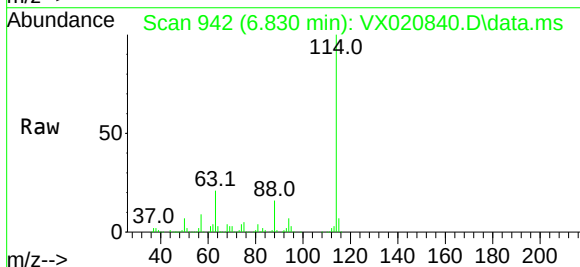
Tgt Ion: 114 Resp: 471735

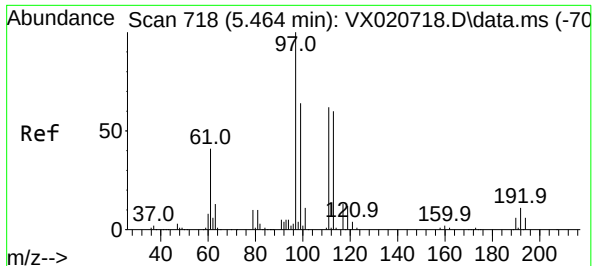
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

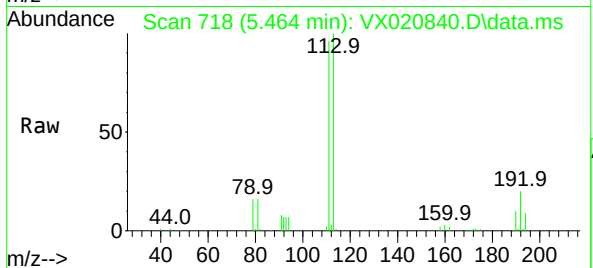
88 16.4 0.0 32.8



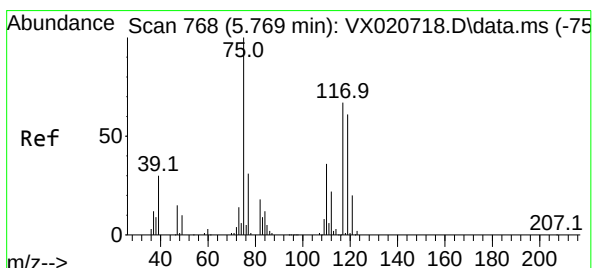
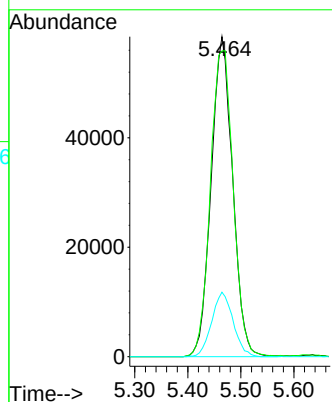
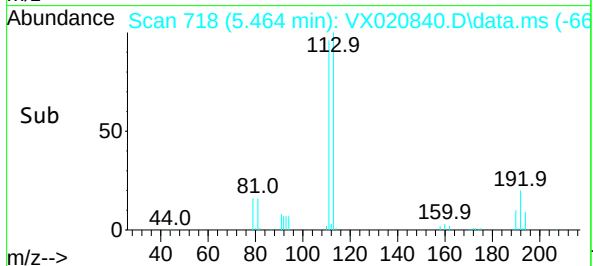


#35
Dibromofluoromethane
Concen: 50.91 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020840.D
Acq: 03 Feb 2021 15:07

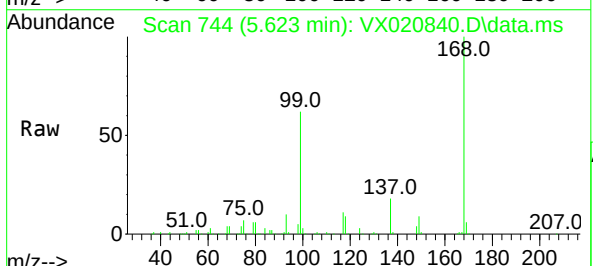
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-5-PD



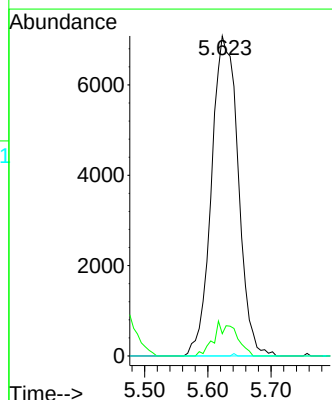
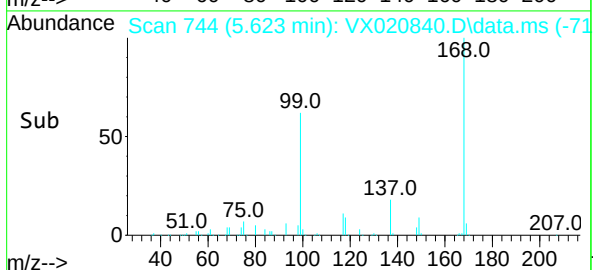
Tgt Ion:113 Resp: 164490
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 20.1 16.7 25.1

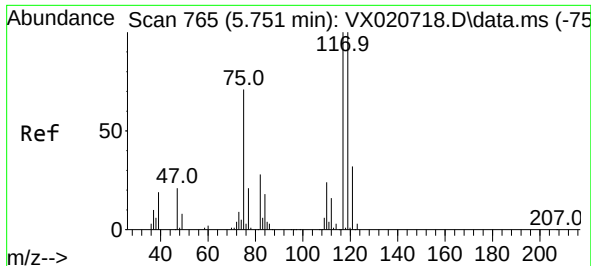


#36
1,1-Dichloropropene
Concen: 4.37 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020840.D
Acq: 03 Feb 2021 15:07



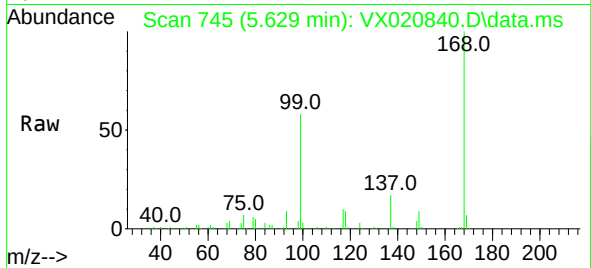
Tgt Ion: 75 Resp: 20709
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



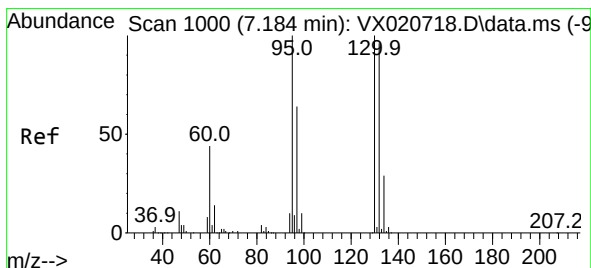
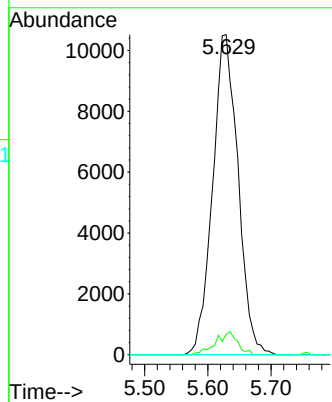
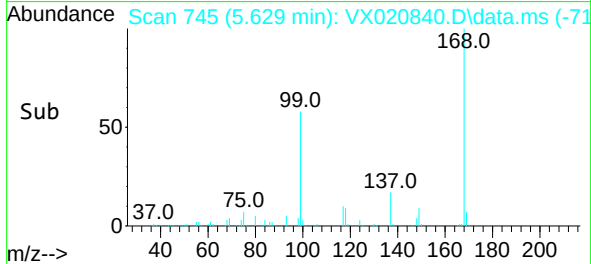


#38
Carbon Tetrachloride
Concen: 5.89 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020840.D
Acq: 03 Feb 2021 15:07

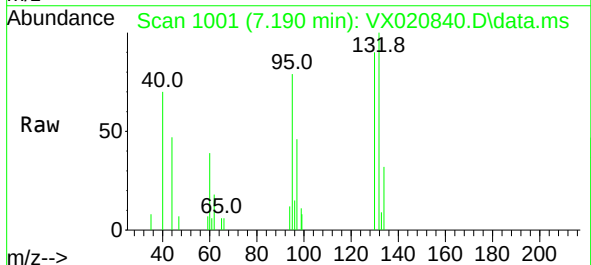
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MSVOA_X
ClientSampleId :
152140-DDC-5-PD



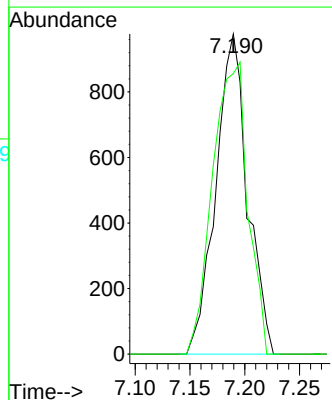
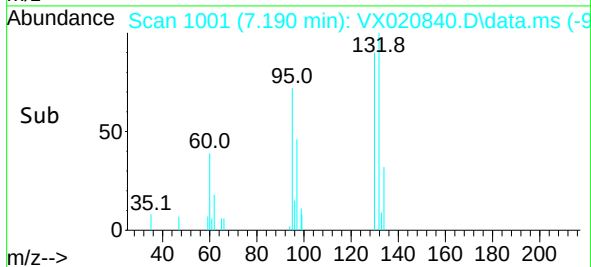
Tgt Ion:117 Resp: 29298
Ion Ratio Lower Upper
117 100
119 6.4 76.2 114.2#
121 0.0 24.8 37.2#

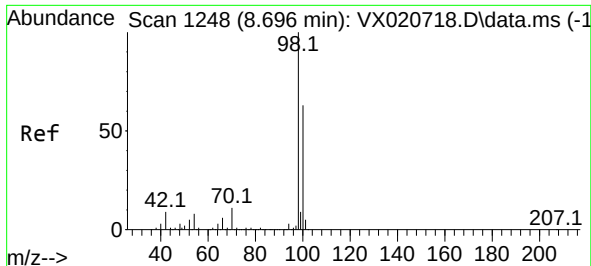


#44
Trichloroethene
Concen: 0.53 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020840.D
Acq: 03 Feb 2021 15:07



Tgt Ion:130 Resp: 1965
Ion Ratio Lower Upper
130 100
95 87.6 0.0 198.0

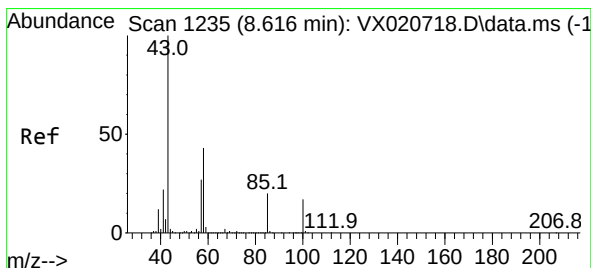
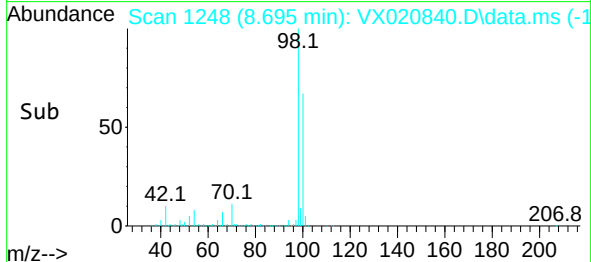
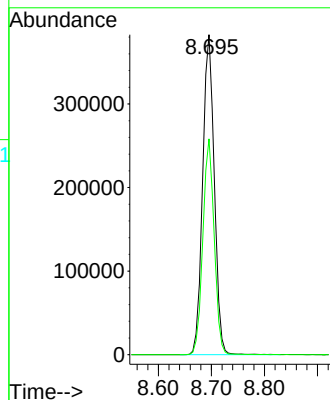
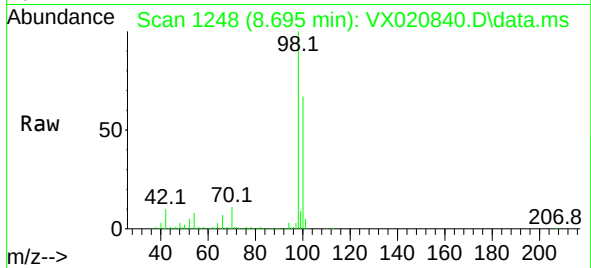




#50
Toluene-d8
Concen: 49.28 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020840.D
Acq: 03 Feb 2021 15:07

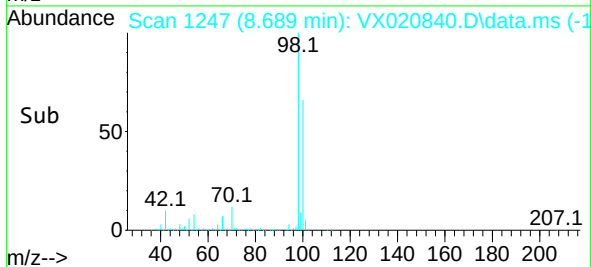
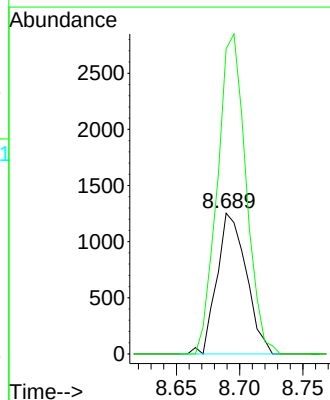
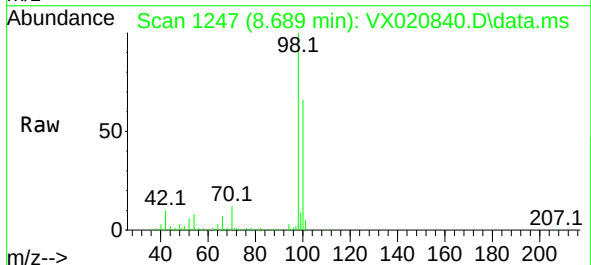
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-5-PD

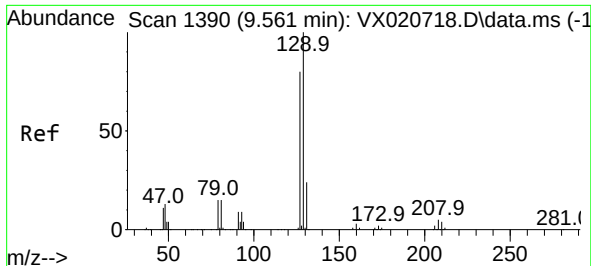
Tgt Ion: 98 Resp: 583800
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.45 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. 0.073 min
Lab File: VX020840.D
Acq: 03 Feb 2021 15:07

Tgt Ion: 43 Resp: 2012
Ion Ratio Lower Upper
43 100
58 222.3 35.4 53.0#

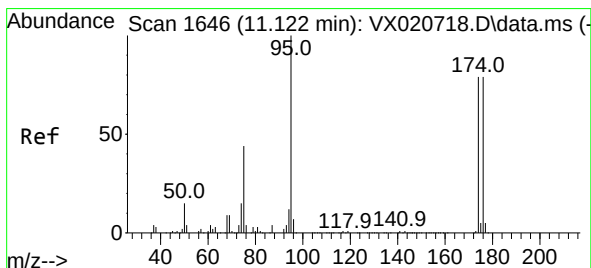
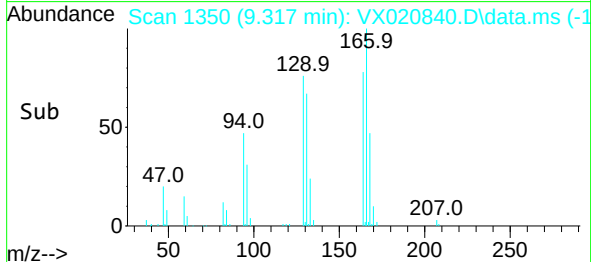
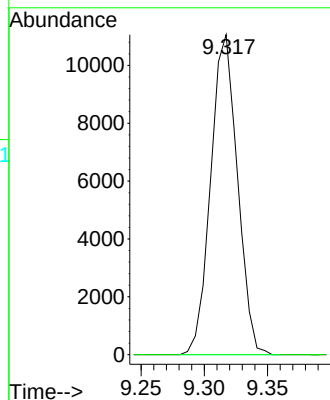
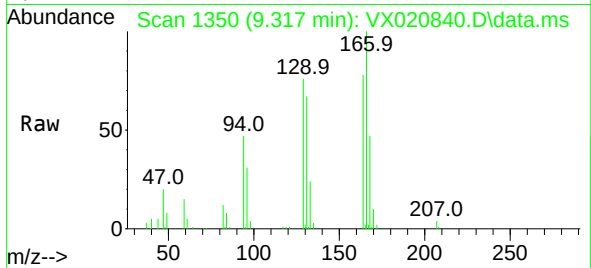




#60
Dibromochloromethane
Concen: 4.04 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX020840.D
Acq: 03 Feb 2021 15:07

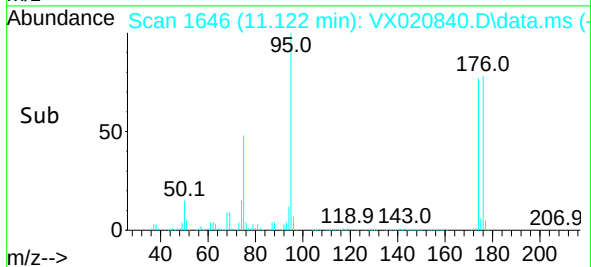
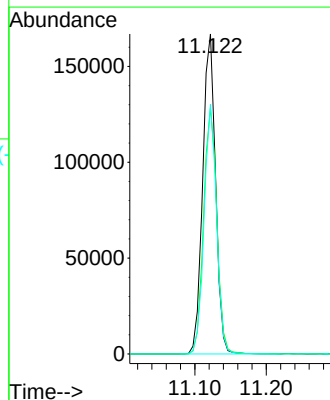
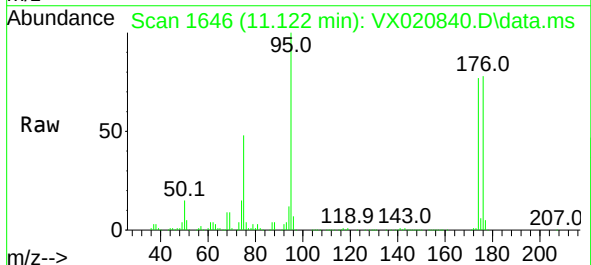
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-5-PD

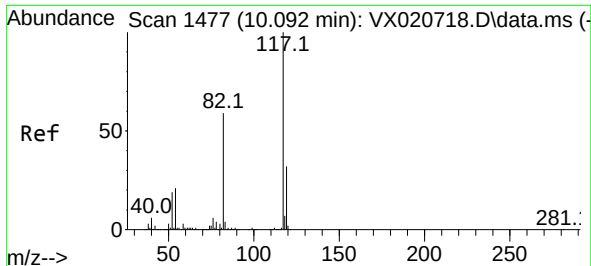
Tgt Ion:129 Resp: 16266
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 45.30 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020840.D
Acq: 03 Feb 2021 15:07

Tgt Ion: 95 Resp: 208385
Ion Ratio Lower Upper
95 100
174 79.5 0.0 154.6
176 75.7 0.0 155.8

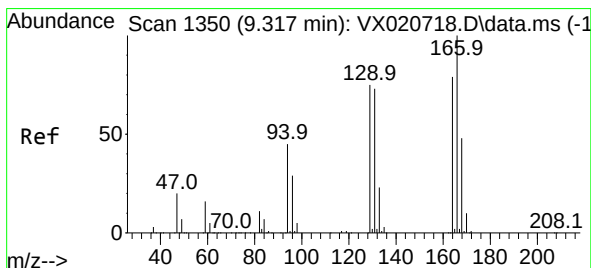
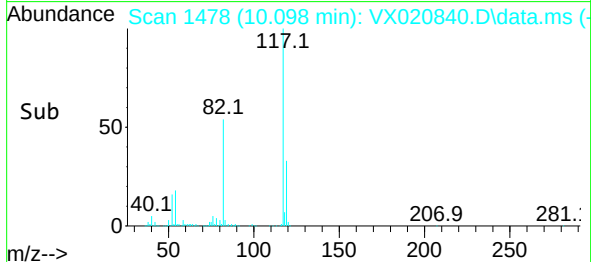
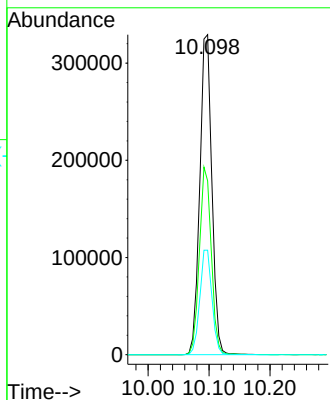
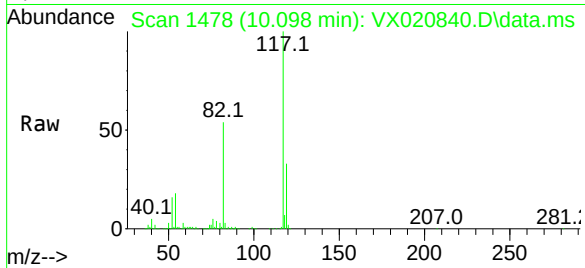




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020840.D
Acq: 03 Feb 2021 15:07

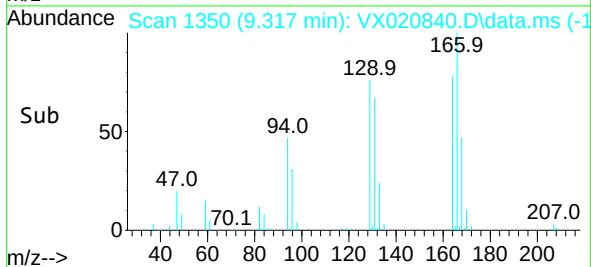
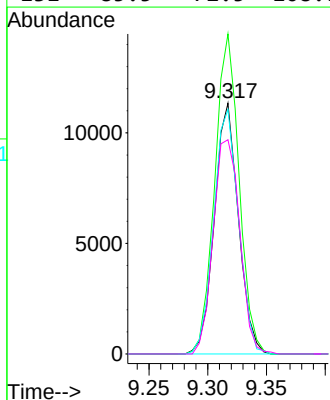
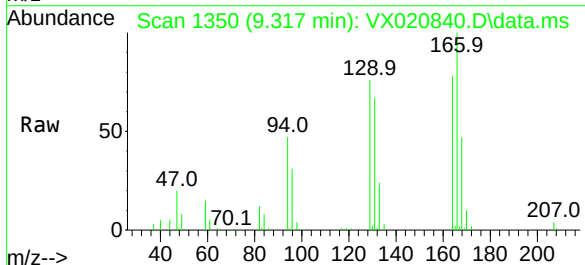
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-5-PD

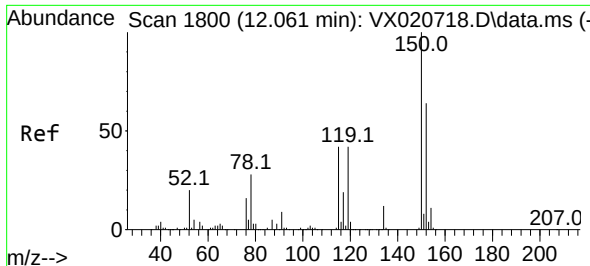
Tgt Ion:	117	Resp:	454958
Ion	Ratio	Lower	Upper
117	100		
82	54.3	47.4	71.2
119	32.7	26.6	39.8



#64
Tetrachloroethene
Concen: 4.62 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020840.D
Acq: 03 Feb 2021 15:07

Tgt Ion:	164	Resp:	16104
Ion	Ratio	Lower	Upper
164	100		
166	127.7	103.4	155.2
129	97.6	70.8	106.2
131	85.5	72.5	108.7

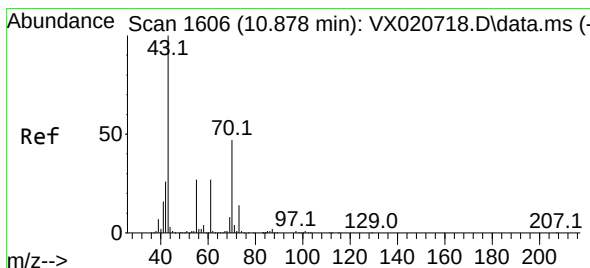
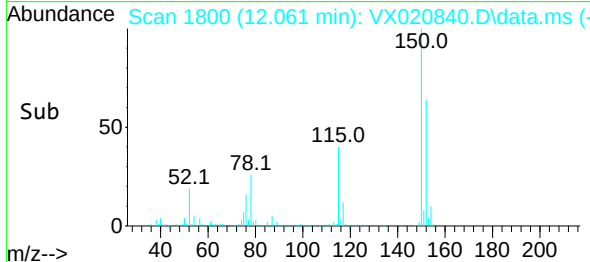
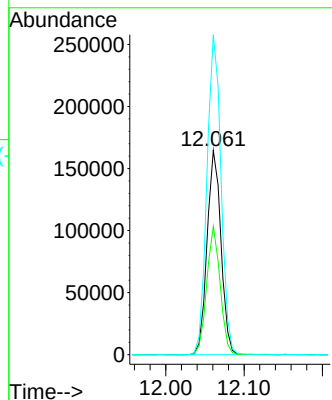
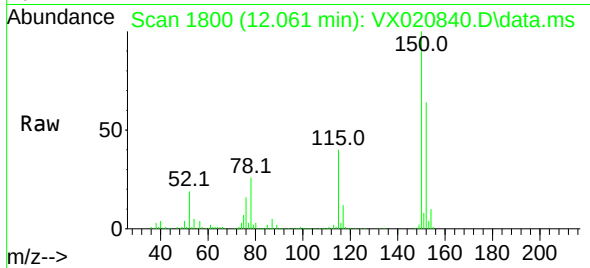




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020840.D
Acq: 03 Feb 2021 15:07

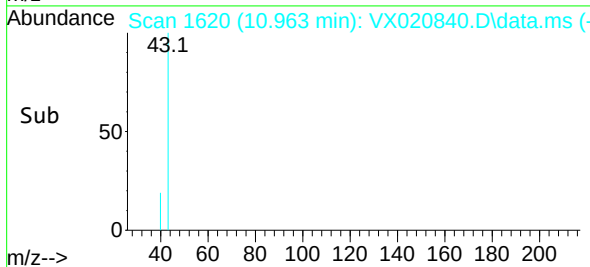
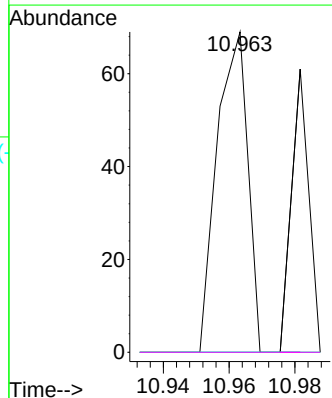
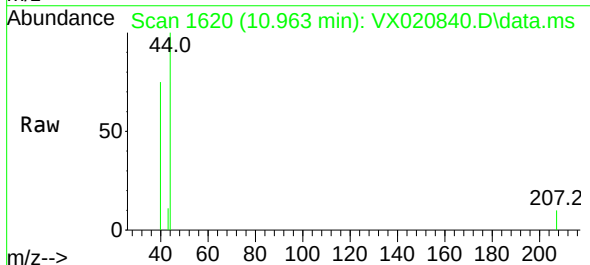
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-5-PD

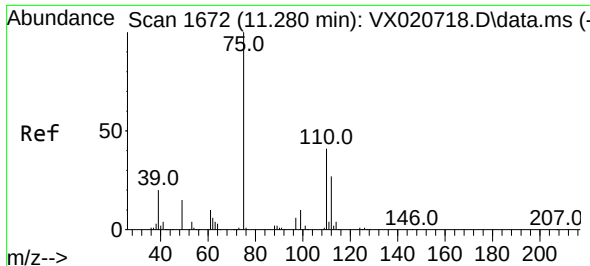
Tgt Ion:152 Resp: 202115
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 158.1 0.0 349.0



#74
N-ethyl acetate
Concen: 2.02 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.085 min
Lab File: VX020840.D
Acq: 03 Feb 2021 15:07

Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 0.0 21.5 32.3#
61 0.0 22.1 33.1#

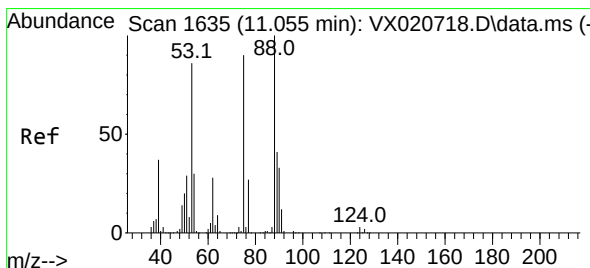
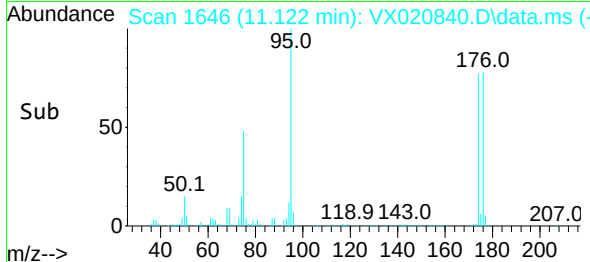
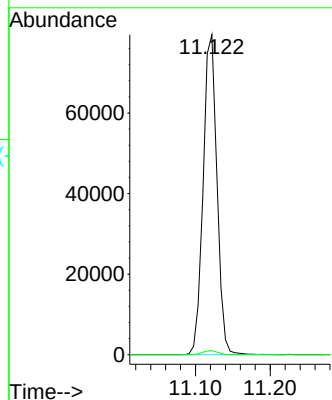
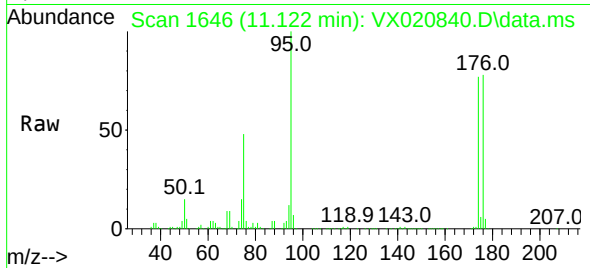




#76
1,2,3-Trichloropropane
Concen: 21.76 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020840.D
Acq: 03 Feb 2021 15:07

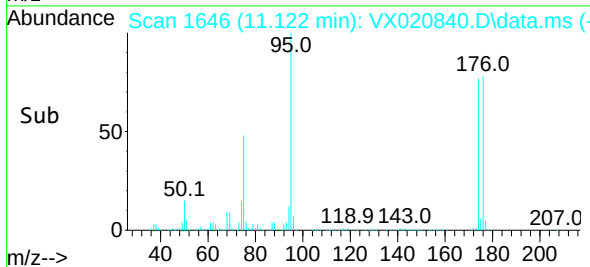
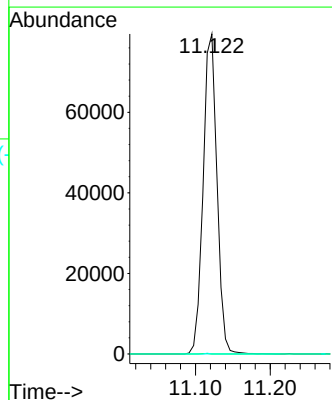
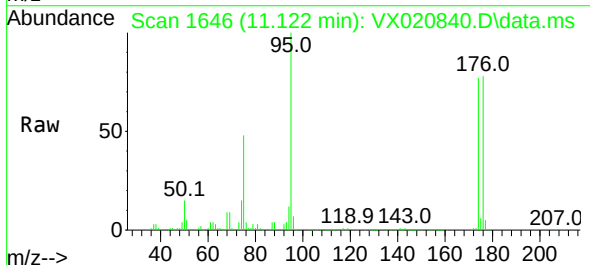
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-5-PD

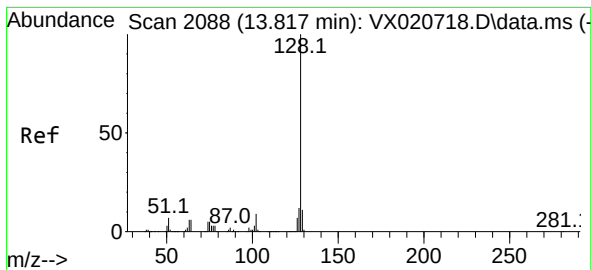
Tgt Ion: 75 Resp: 101985
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.97 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020840.D
Acq: 03 Feb 2021 15:07

Tgt Ion: 75 Resp: 101985
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.1 37.9 56.9#





#95
Naphthalene
Concen: 2.89 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. -0.001 min
Lab File: VX020840.D
Acq: 03 Feb 2021 15:07

Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-5-PD

Tgt Ion:128 Resp: 335
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

