

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020321\
 Data File : VX020839.D
 Acq On : 03 Feb 2021 14:43
 Operator : JC/SP
 Sample : M1289-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Feb 04 02:22:43 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)

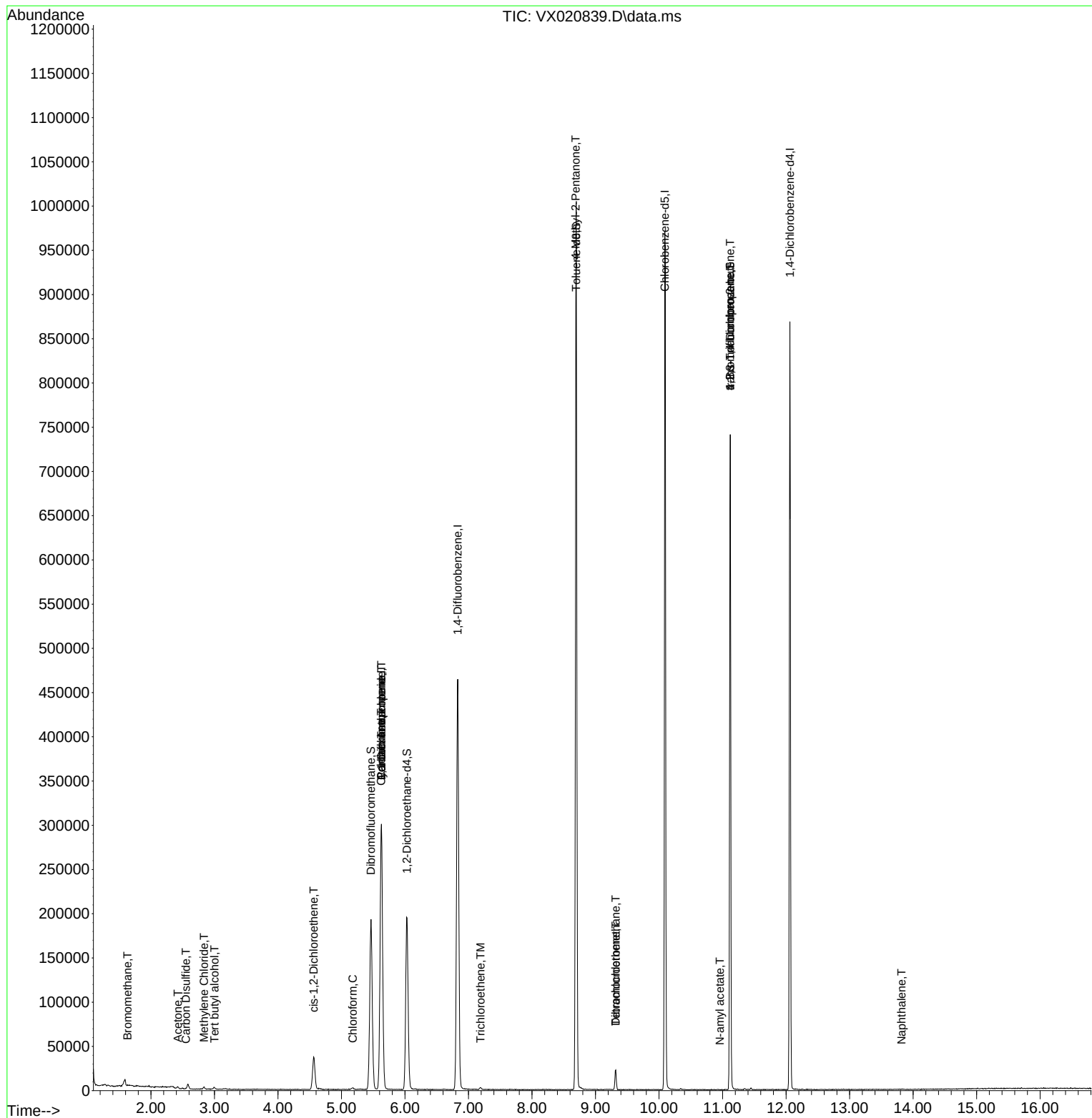
Internal Standards						
1) Pentafluorobenzene	5.629	168	280002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	473289	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	452040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	180693	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	190811	49.96	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.92%
35) Dibromofluoromethane	5.464	113	165043	50.91	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.82%
50) Toluene-d8	8.696	98	584253	49.16	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.32%
62) 4-Bromofluorobenzene	11.122	95	196298	42.53	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	85.06%
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	433	0.23	ug/l	95
11) Tert butyl alcohol	3.001	59	1372	1.92	ug/l #	73
16) Acetone	2.422	43	2286	1.58	ug/l	98
17) Carbon Disulfide	2.550	76	401	0.95	ug/l #	75
20) Methylene Chloride	2.837	84	1043	0.29	ug/l #	76
27) cis-1,2-Dichloroethene	4.562	96	23528	6.39	ug/l	89
30) Chloroform	5.178	83	2133	0.35	ug/l #	74
31) Cyclohexane	5.623	56	5193	1.01	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	20867	4.39	ug/l #	50
38) Carbon Tetrachloride	5.629	117	28546	5.72	ug/l #	17
44) Trichloroethene	7.190	130	946	0.25	ug/l	76
51) 4-Methyl-2-Pentanone	8.689	43	2030	0.45	ug/l #	1
60) Dibromochloromethane	9.317	129	4130	1.02	ug/l #	11
64) Tetrachloroethene	9.317	164	4506	1.30	ug/l	91
74) N-amyl acetate	10.957	43	20	2.02	ug/l #	38
76) 1,2,3-Trichloropropane	11.122	75	96700	23.07	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	96700	64.66	ug/l #	12
95) Naphthalene	13.817	128	227	2.89	ug/l #	69

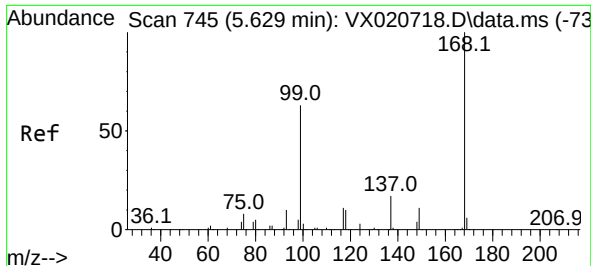
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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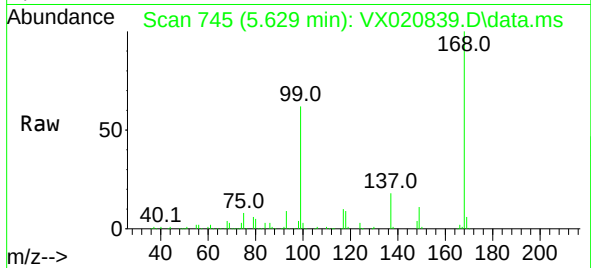
Quant Time: Feb 04 02:22:43 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:38:15 2021
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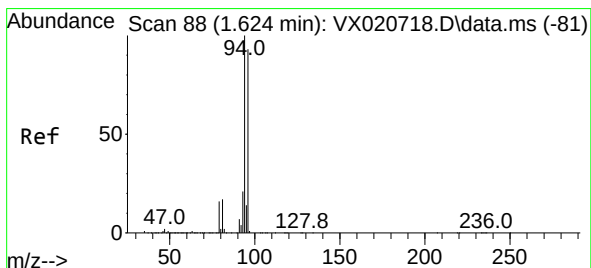
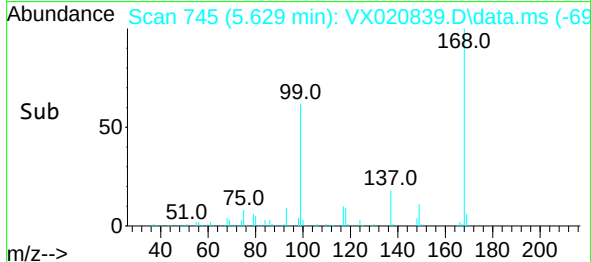
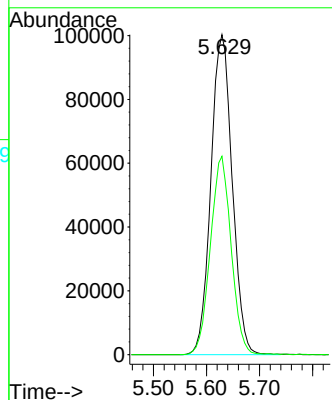


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020839.D
Acq: 03 Feb 2021 14:43

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

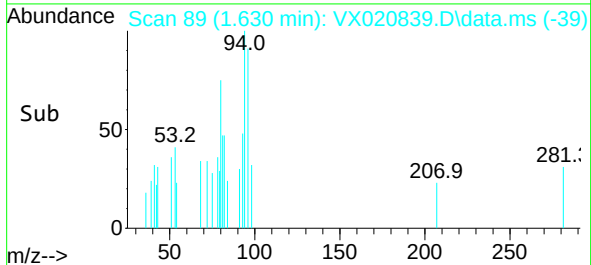
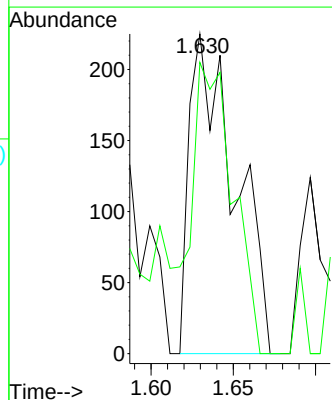
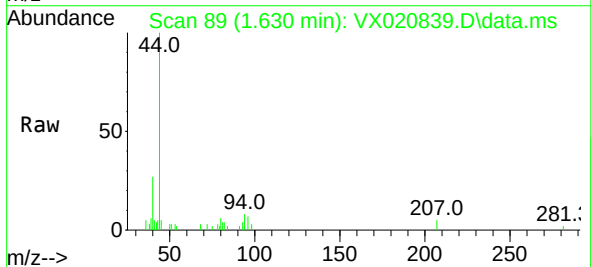


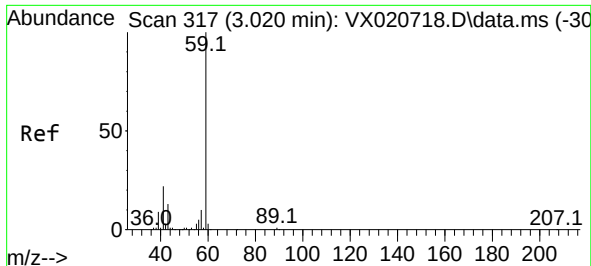
Tgt Ion:168 Resp: 280002
Ion Ratio Lower Upper
168 100
99 62.0 45.8 68.6



#5
Bromomethane
Concen: 0.23 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020839.D
Acq: 03 Feb 2021 14:43

Tgt Ion: 94 Resp: 433
Ion Ratio Lower Upper
94 100
96 91.1 76.4 114.6



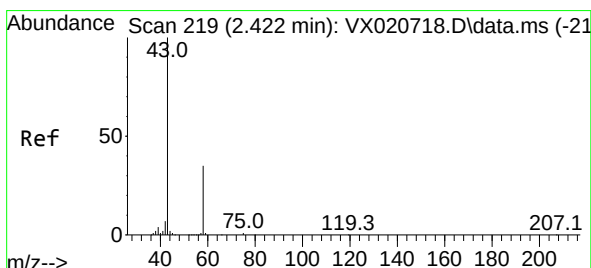
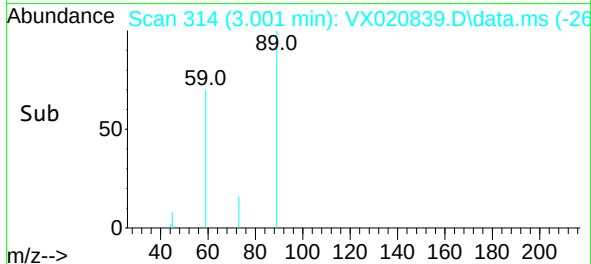
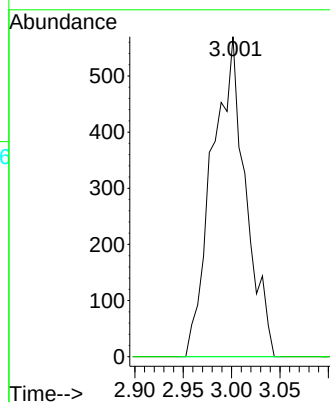
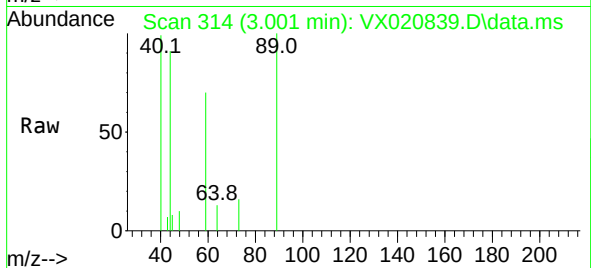


#11

Tert butyl alcohol
Concen: 1.92 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.019 min
Lab File: VX020839.D
Acq: 03 Feb 2021 14:43

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

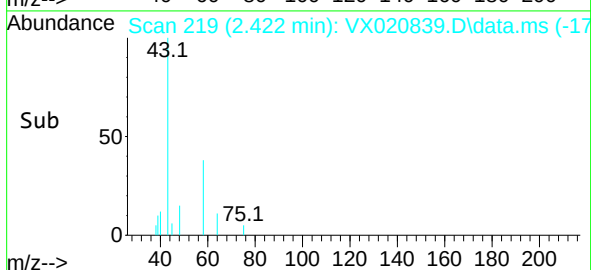
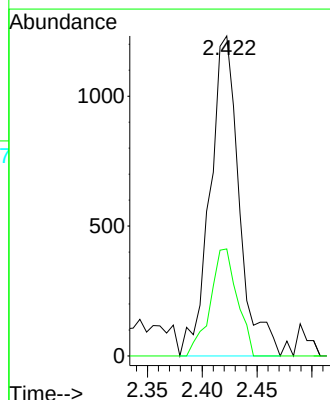
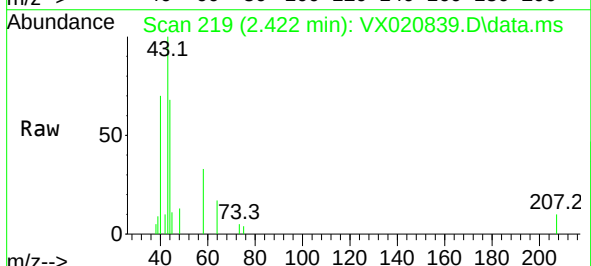
Tgt Ion: 59 Resp: 1372
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

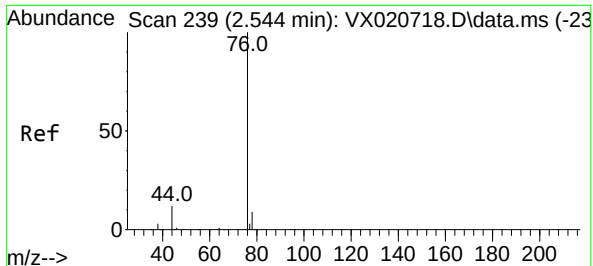


#16

Acetone
Concen: 1.58 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX020839.D
Acq: 03 Feb 2021 14:43

Tgt Ion: 43 Resp: 2286
Ion Ratio Lower Upper
43 100
58 33.4 27.8 41.8

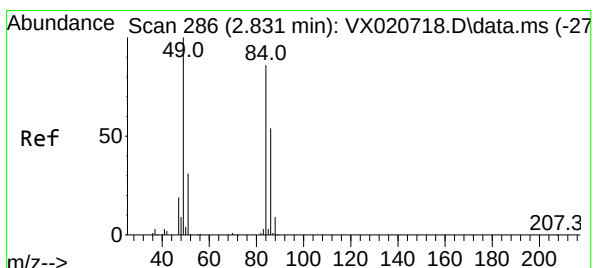
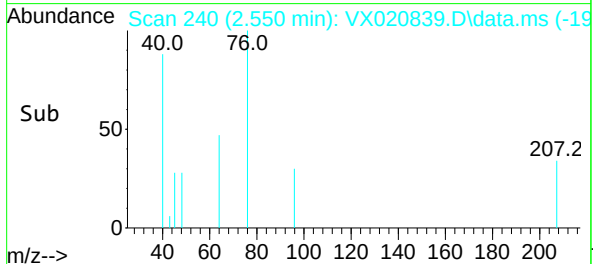
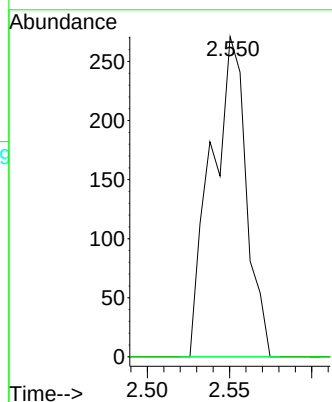
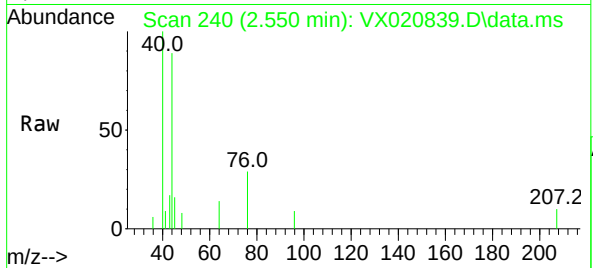




#17
Carbon Disulfide
Concen: 0.95 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020839.D
Acq: 03 Feb 2021 14:43

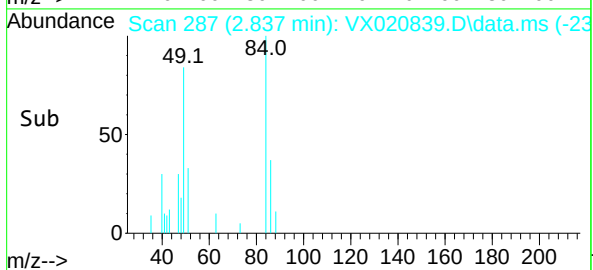
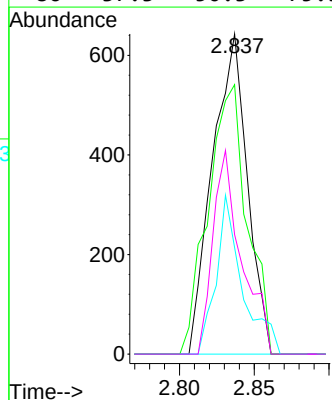
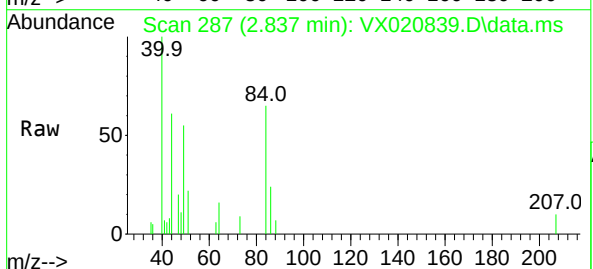
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-5-PS

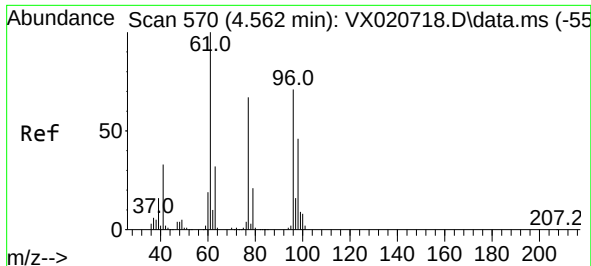
Tgt Ion: 76 Resp: 401
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.29 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020839.D
Acq: 03 Feb 2021 14:43

Tgt Ion: 84 Resp: 1043
Ion Ratio Lower Upper
84 100
49 84.1 88.6 132.8#
51 33.3 27.0 40.6
86 37.3 50.3 75.5#





#27

cis-1,2-Dichloroethene

Concen: 6.39 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.000 min

Lab File: VX020839.D

Acq: 03 Feb 2021 14:43

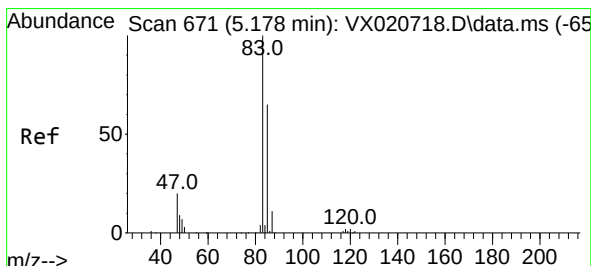
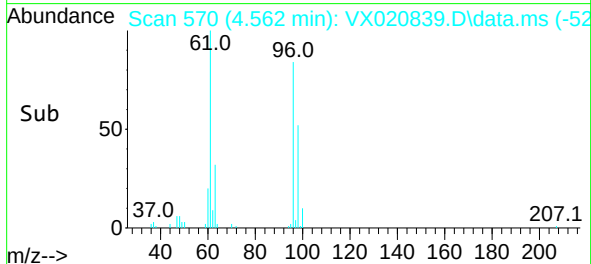
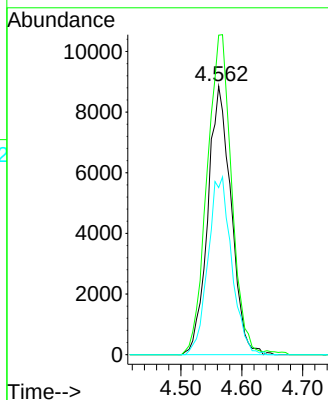
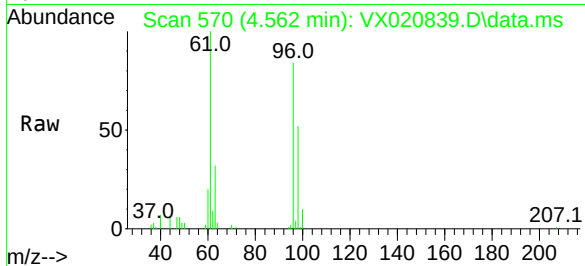
Instrument :

MSVOA_X

ClientSampleId :

152140-DDC-5-PS

Tgt Ion:	96	Resp:	23528
Ion	Ratio	Lower	Upper
96	100		
61	125.3	0.0	285.6
98	67.1	0.0	129.6



#30

Chloroform

Concen: 0.35 ug/l

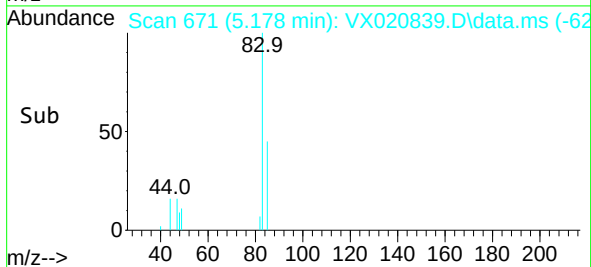
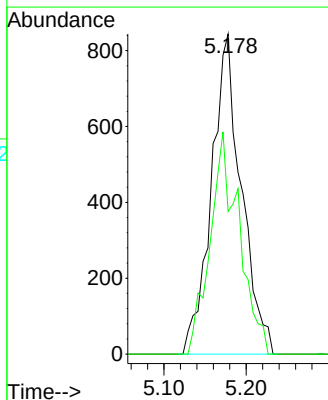
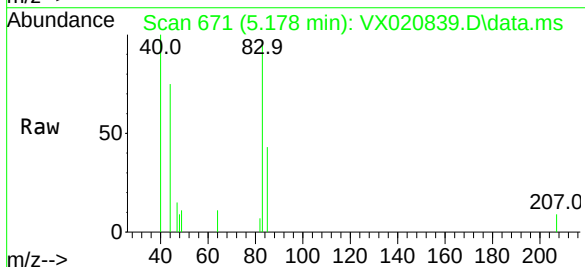
RT: 5.178 min Scan# 671

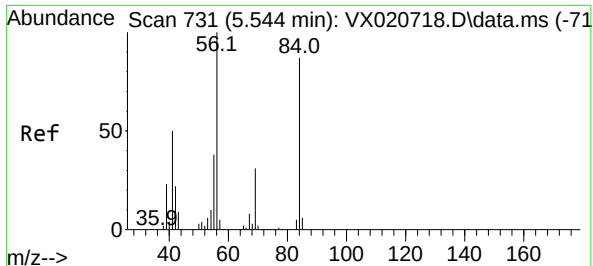
Delta R.T. -0.000 min

Lab File: VX020839.D

Acq: 03 Feb 2021 14:43

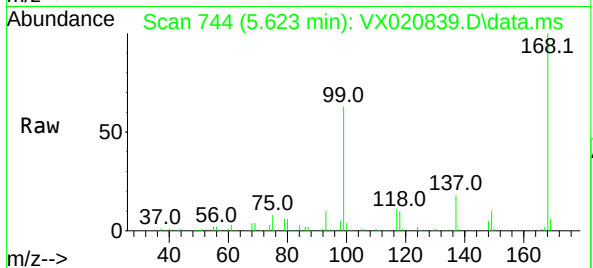
Tgt Ion:	83	Resp:	2133
Ion	Ratio	Lower	Upper
83	100		
85	44.5	52.0	78.0#



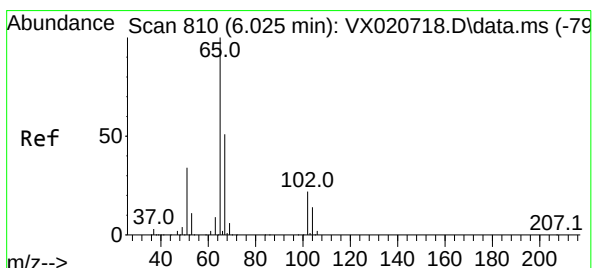
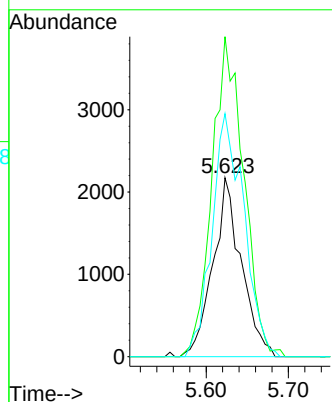
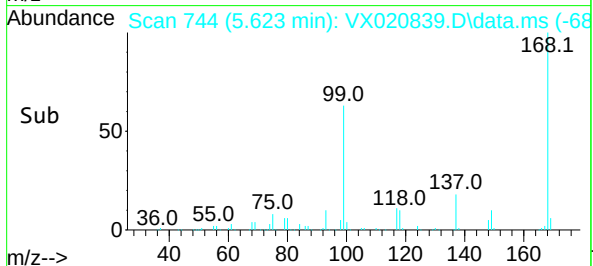


#31
Cyclohexane
Concen: 1.01 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.079 min
Lab File: VX020839.D
Acq: 03 Feb 2021 14:43

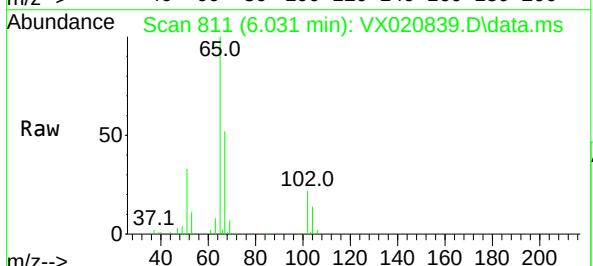
Instrument :
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ClientSampleId :
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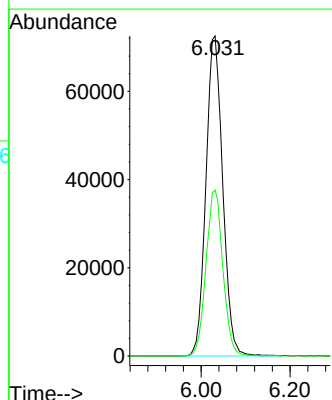
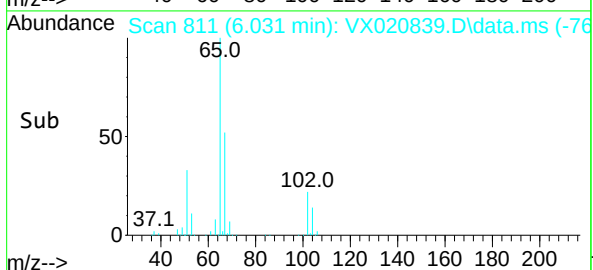
Tgt Ion: 56 Resp: 5193
Ion Ratio Lower Upper
56 100
69 178.8 25.3 37.9#
84 135.8 71.4 107.0#

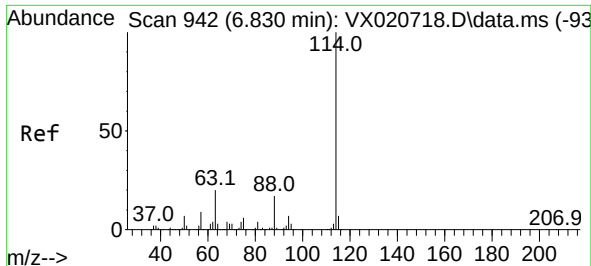


#33
1,2-Dichloroethane-d4
Concen: 49.96 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020839.D
Acq: 03 Feb 2021 14:43



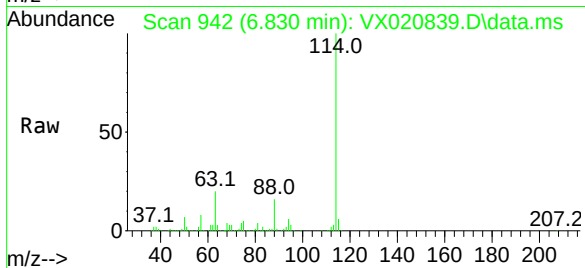
Tgt Ion: 65 Resp: 190811
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4



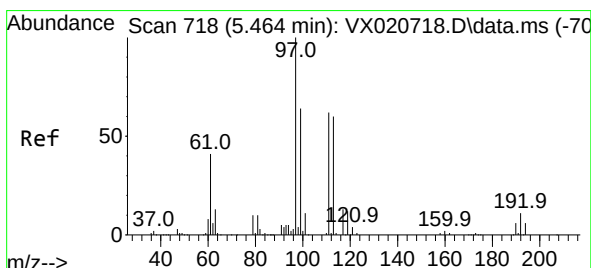
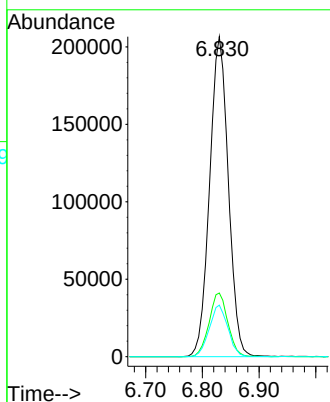
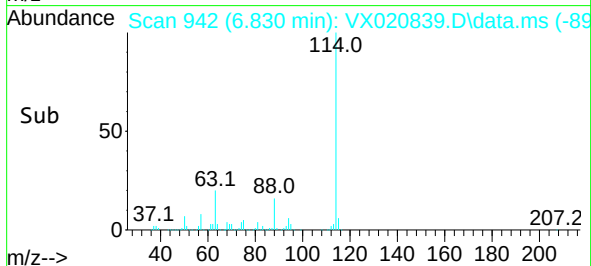


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020839.D
Acq: 03 Feb 2021 14:43

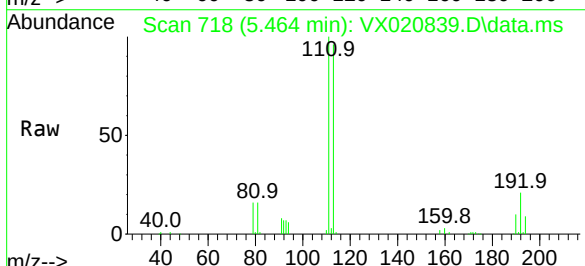
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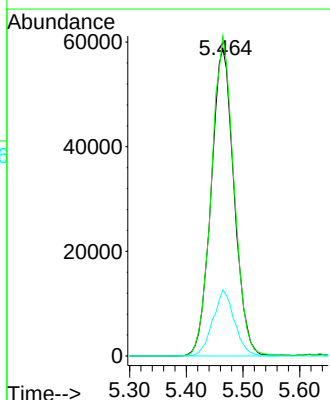
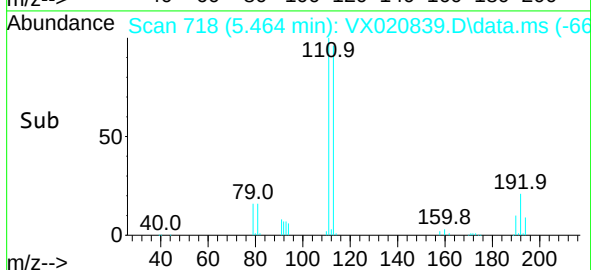
Tgt Ion:114 Resp: 473289
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 16.1 0.0 32.8

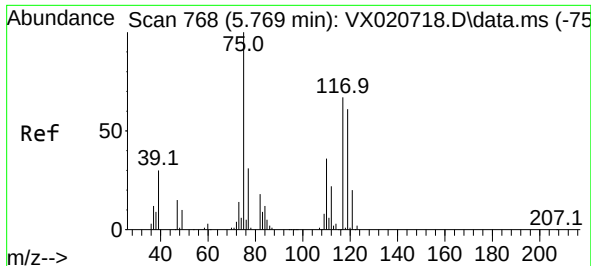


#35
Dibromofluoromethane
Concen: 50.91 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020839.D
Acq: 03 Feb 2021 14:43



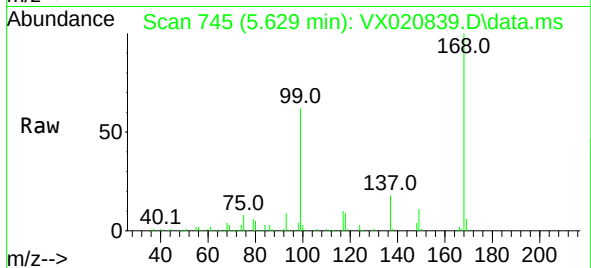
Tgt Ion:113 Resp: 165043
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 20.2 16.7 25.1



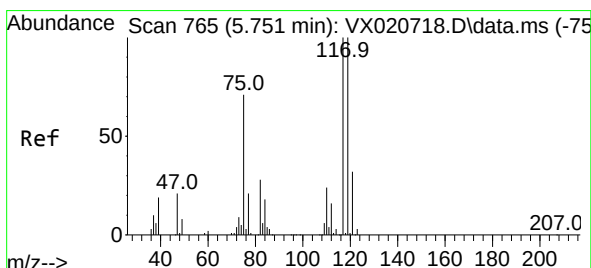
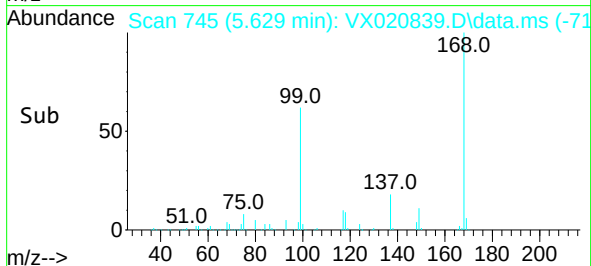
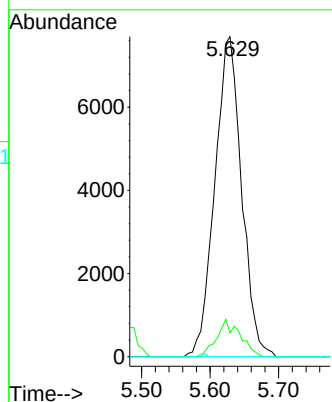


#36
1,1-Dichloropropene
Concen: 4.39 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020839.D
Acq: 03 Feb 2021 14:43

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

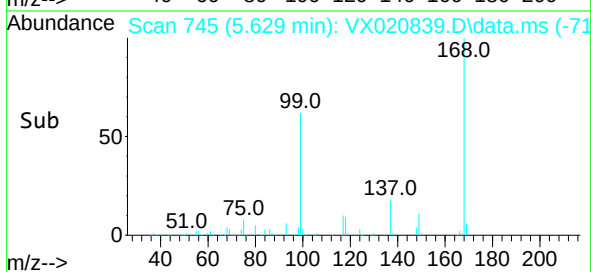
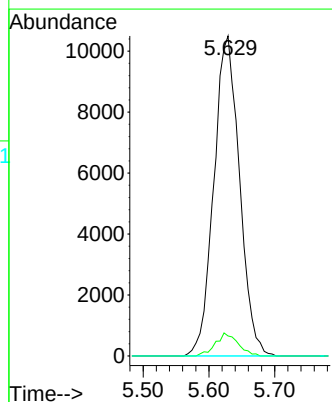
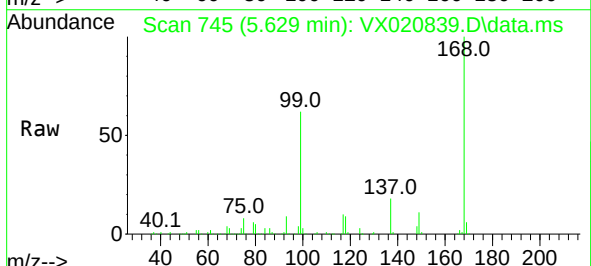


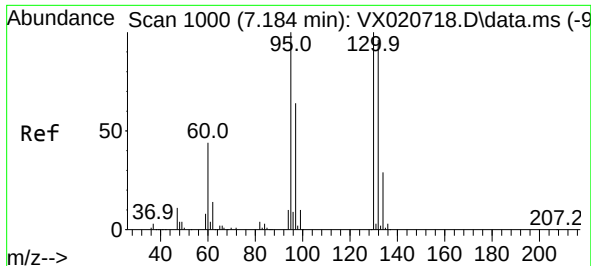
Tgt Ion: 75 Resp: 20867
Ion Ratio Lower Upper
75 100
110 10.1 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.72 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020839.D
Acq: 03 Feb 2021 14:43

Tgt Ion: 117 Resp: 28546
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.2#
121 0.0 24.8 37.2#

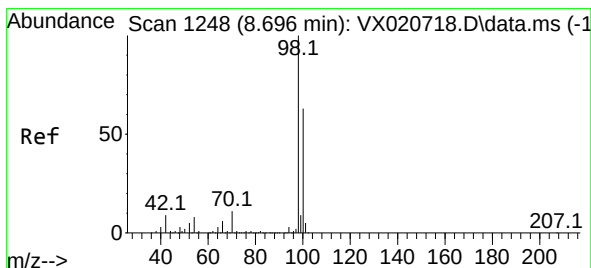
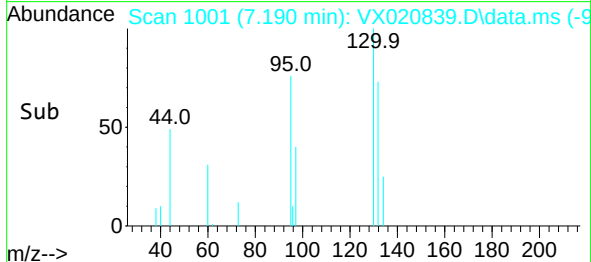
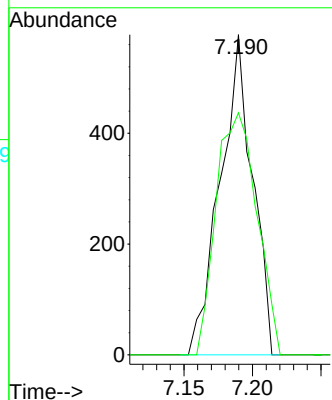
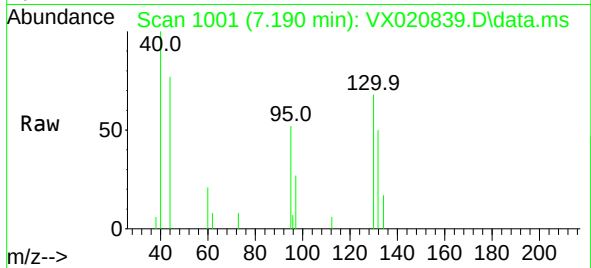




#44
Trichloroethene
Concen: 0.25 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020839.D
Acq: 03 Feb 2021 14:43

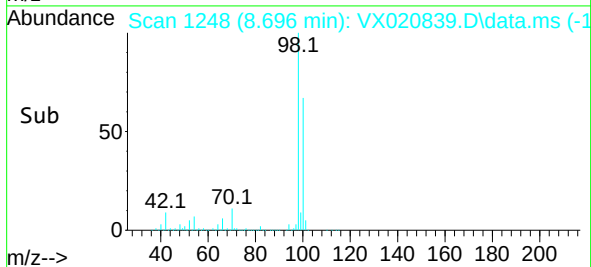
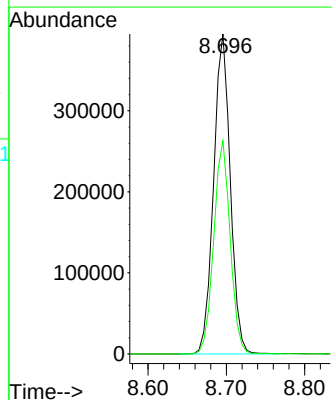
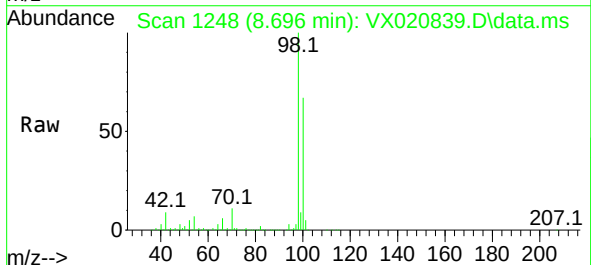
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-5-PS

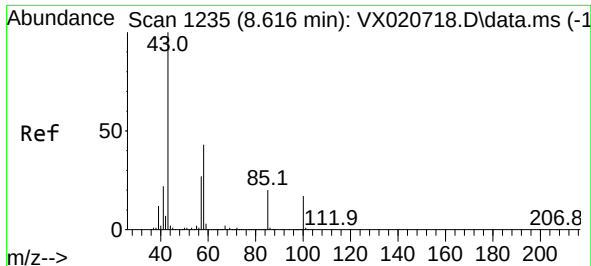
Tgt Ion:130 Resp: 946
Ion Ratio Lower Upper
130 100
95 75.6 0.0 198.0



#50
Toluene-d8
Concen: 49.16 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020839.D
Acq: 03 Feb 2021 14:43

Tgt Ion: 98 Resp: 584253
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

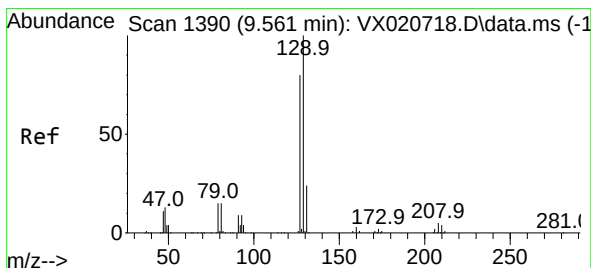
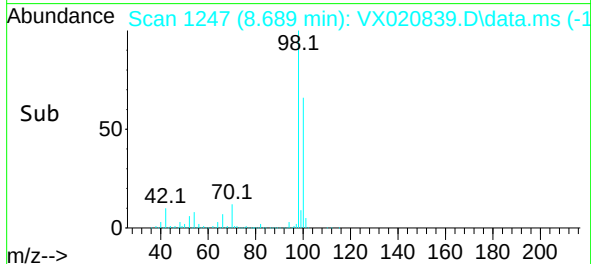
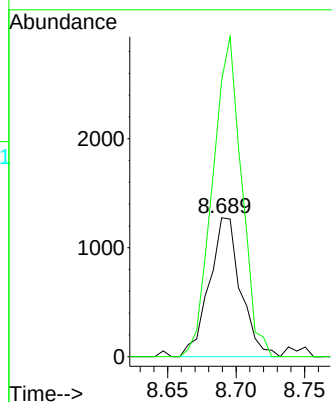
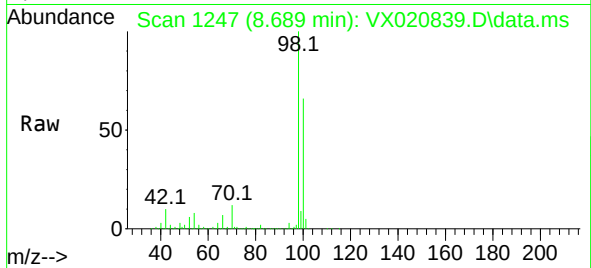




#51
4-Methyl-2-Pentanone
Concen: 0.45 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. 0.073 min
Lab File: VX020839.D
Acq: 03 Feb 2021 14:43

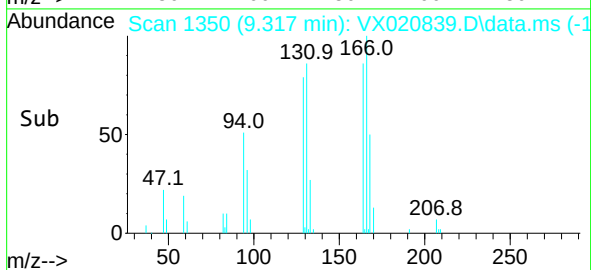
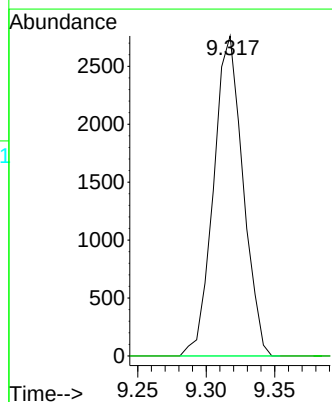
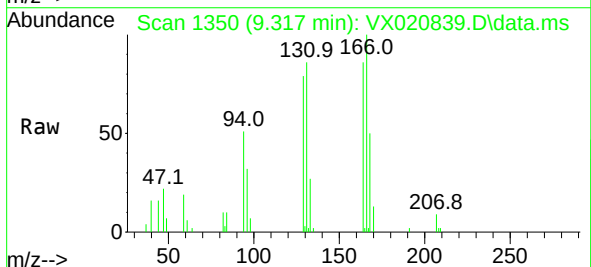
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-5-PS

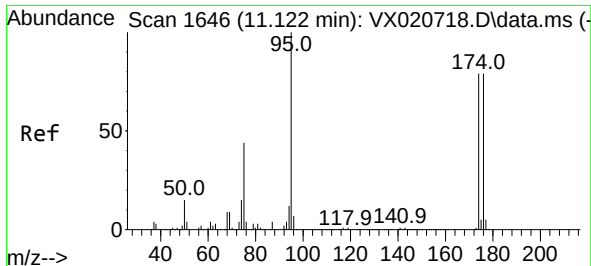
Tgt Ion: 43 Resp: 2030
Ion Ratio Lower Upper
43 100
58 213.3 35.4 53.0#



#60
Dibromochloromethane
Concen: 1.02 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.244 min
Lab File: VX020839.D
Acq: 03 Feb 2021 14:43

Tgt Ion: 129 Resp: 4130
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

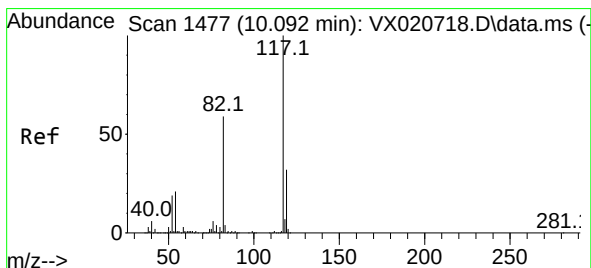
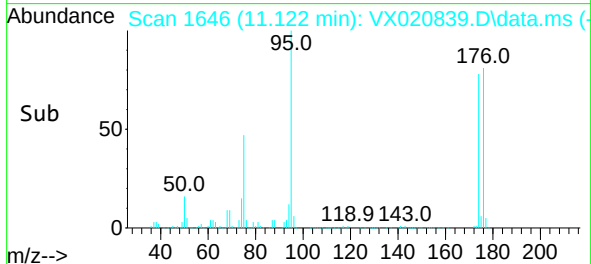
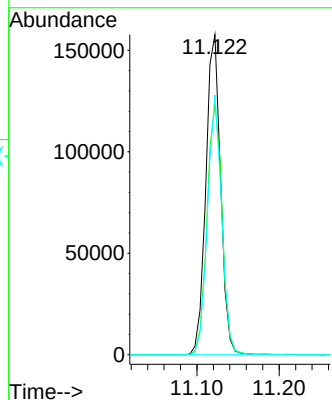
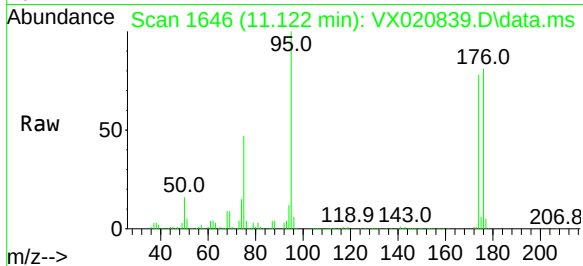




#62
4-Bromofluorobenzene
Concen: 42.53 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020839.D
Acq: 03 Feb 2021 14:43

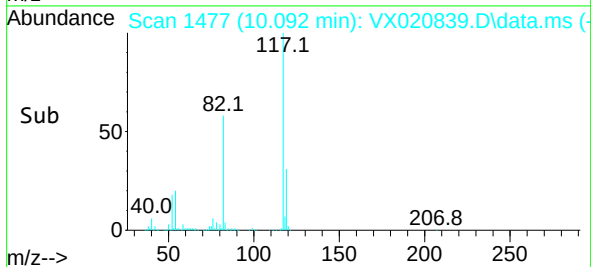
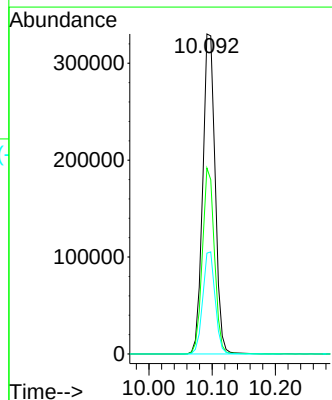
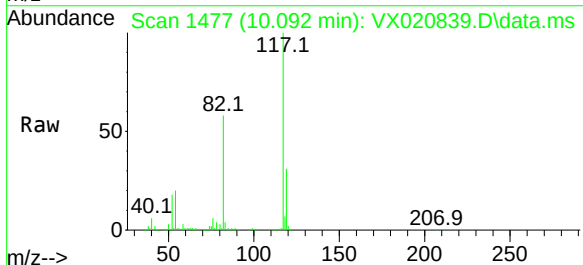
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-5-PS

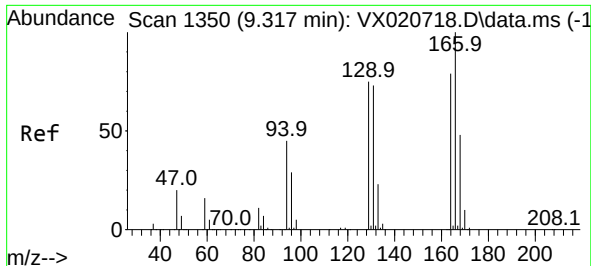
Tgt Ion: 95 Resp: 196298
Ion Ratio Lower Upper
95 100
174 80.6 0.0 154.6
176 77.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020839.D
Acq: 03 Feb 2021 14:43

Tgt Ion: 117 Resp: 452040
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 31.5 26.6 39.8



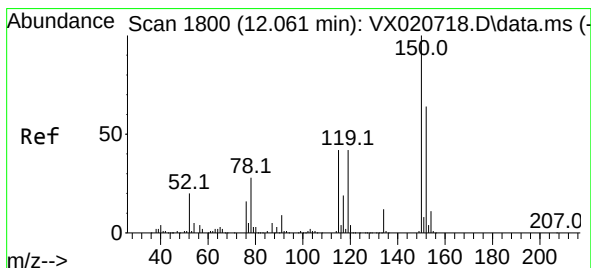
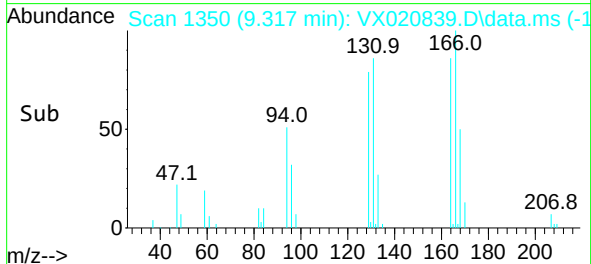
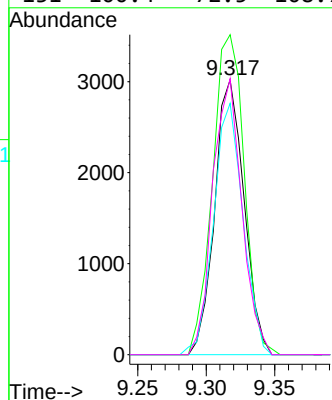
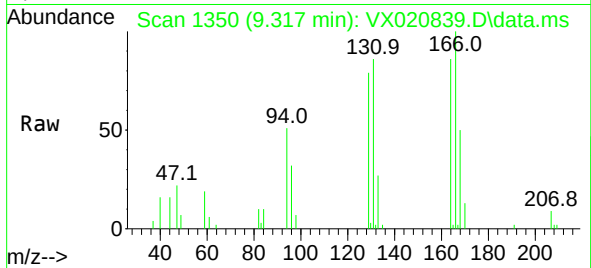


#64
Tetrachloroethene
Concen: 1.30 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020839.D
Acq: 03 Feb 2021 14:43

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

Tgt Ion:164 Resp: 4506

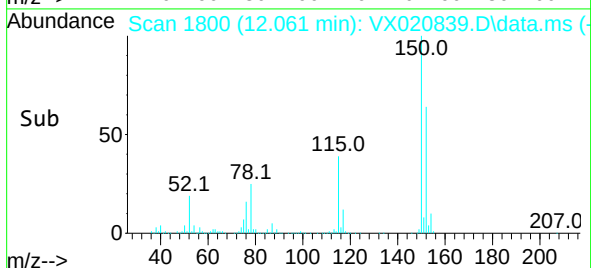
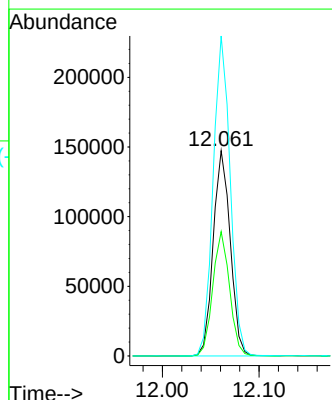
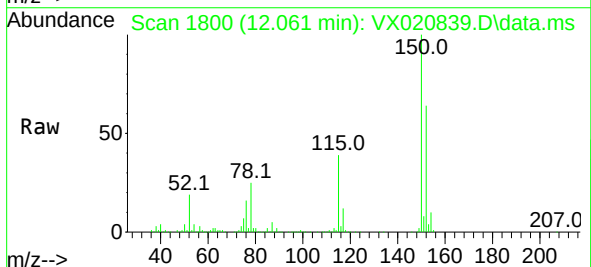
Ion	Ratio	Lower	Upper
164	100		
166	116.4	103.4	155.2
129	91.4	70.8	106.2
131	100.4	72.5	108.7

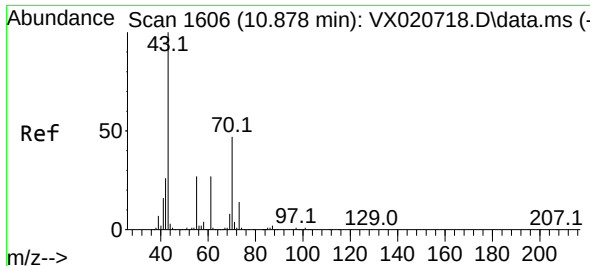


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020839.D
Acq: 03 Feb 2021 14:43

Tgt Ion:152 Resp: 180693

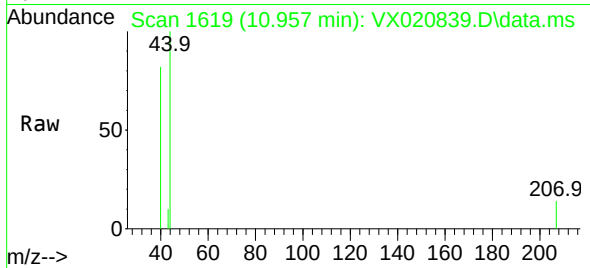
Ion	Ratio	Lower	Upper
152	100		
115	59.6	41.1	123.3
150	155.8	0.0	349.0



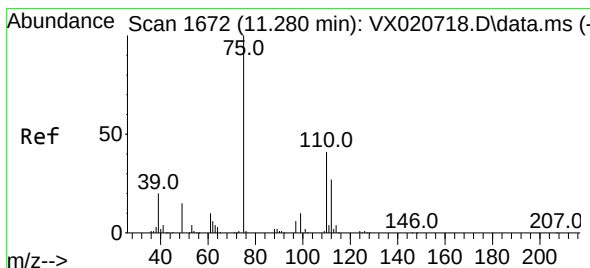
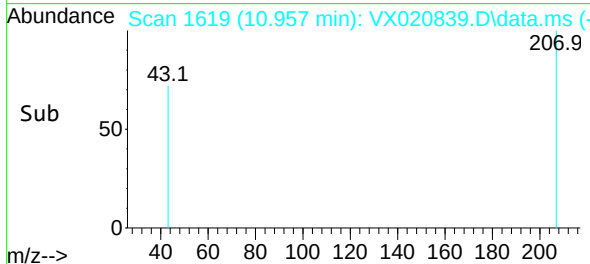
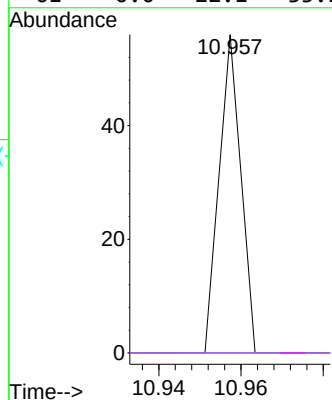


#74
N-amy1 acetate
Concen: 2.02 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.079 min
Lab File: VX020839.D
Acq: 03 Feb 2021 14:43

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

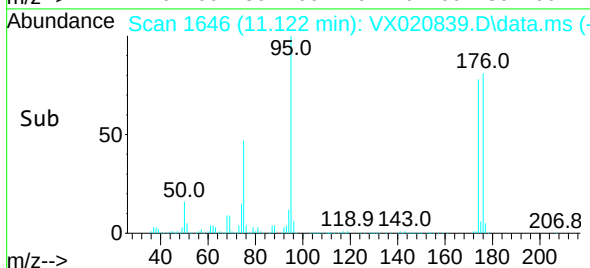
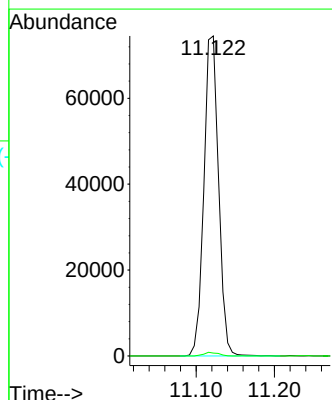
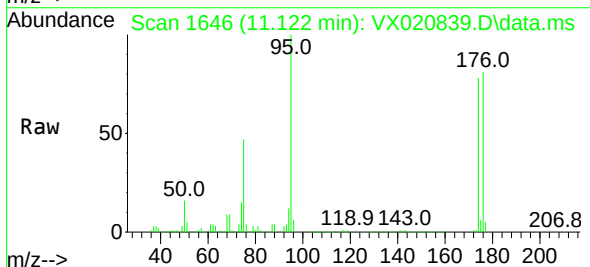


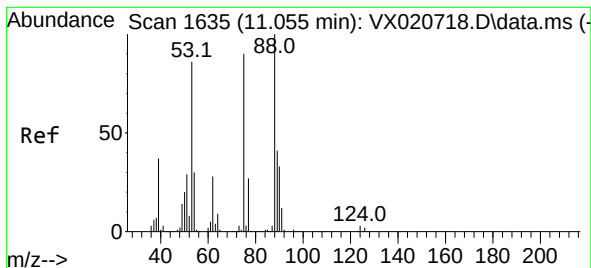
Tgt Ion: 43	Resp: 20
Ion Ratio	Lower Upper
43	100
70	0.0 39.0 58.6#
55	0.0 21.5 32.3#
61	0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 23.07 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020839.D
Acq: 03 Feb 2021 14:43

Tgt Ion: 75	Resp: 96700
Ion Ratio	Lower Upper
75	100
77	1.1 19.1 57.5#

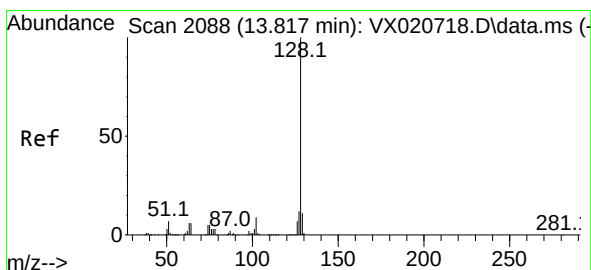
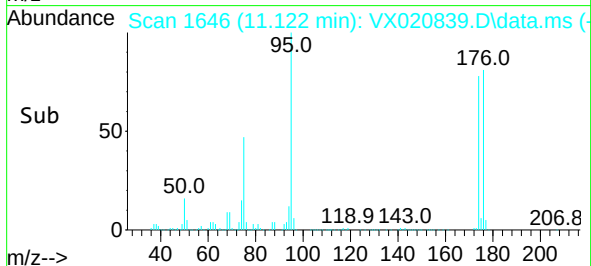
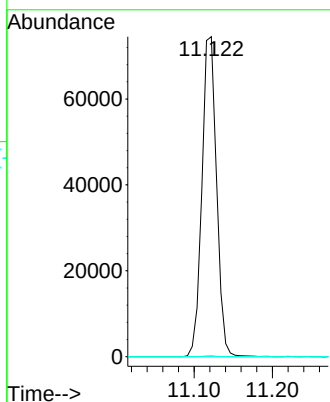
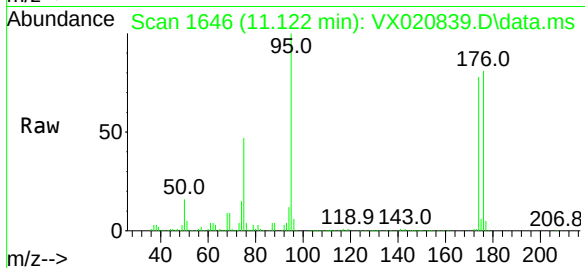




#81
trans-1,4-Dichloro-2-butene
Concen: 64.66 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020839.D
Acq: 03 Feb 2021 14:43

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

Tgt Ion: 75 Resp: 96700
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 2.89 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020839.D
Acq: 03 Feb 2021 14:43

Tgt Ion: 128 Resp: 227
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

