

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020321\
 Data File : VX020846.D
 Acq On : 03 Feb 2021 17:27
 Operator : JC/SP
 Sample : M1289-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-DDC-8-PD

Quant Time: Feb 04 02:25:13 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	269613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	455626	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	440189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	188466	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	184610	50.20	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.40%
35) Dibromofluoromethane	5.464	113	157279	50.40	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.80%
50) Toluene-d8	8.695	98	566213	49.49	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.98%
62) 4-Bromofluorobenzene	11.122	95	193775	43.61	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.22%

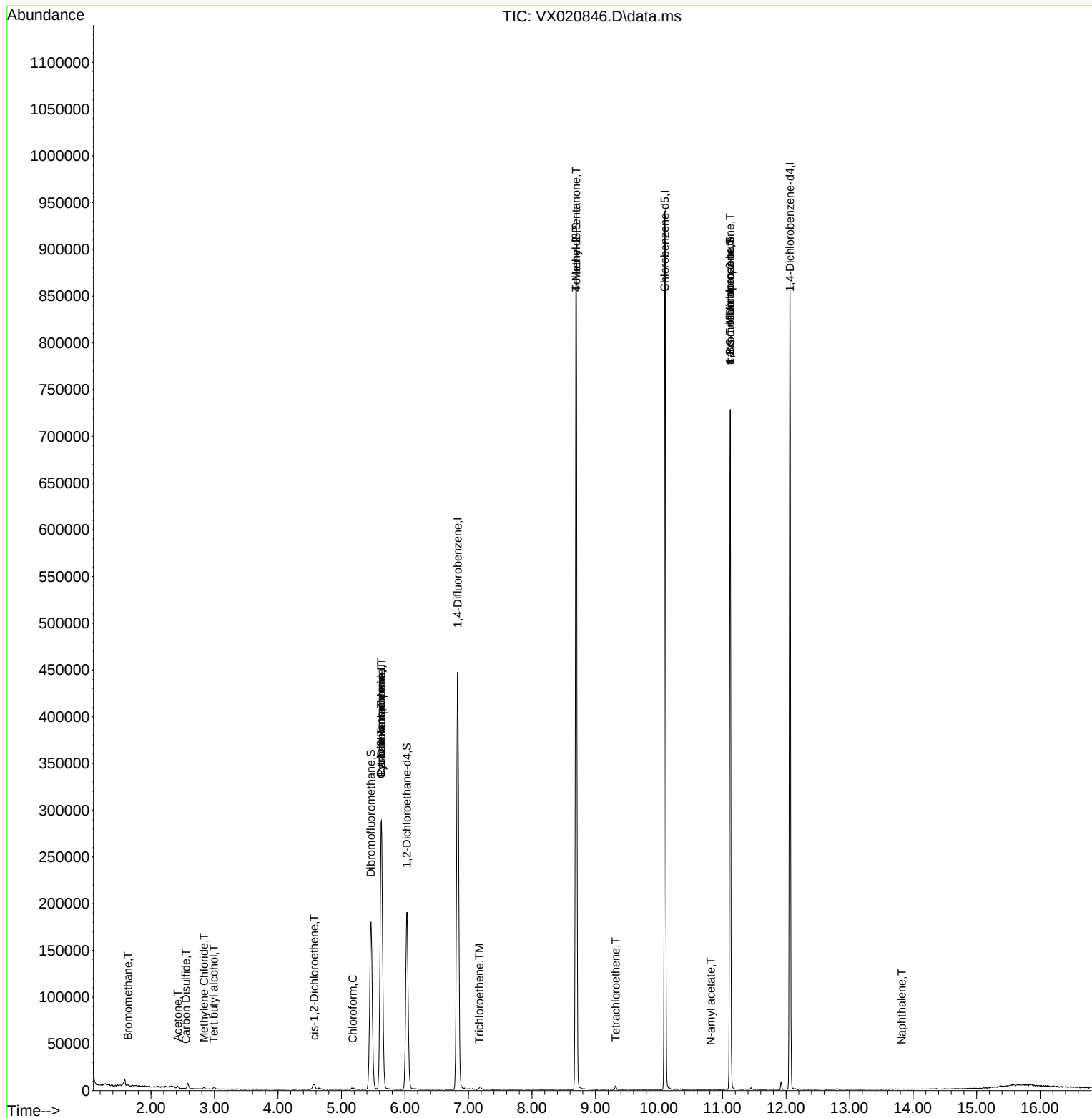
Target Compounds				Qvalue		
5) Bromomethane	1.636	94	368	0.20	ug/l	96
11) Tert butyl alcohol	2.989	59	1032	1.50	ug/l #	80
16) Acetone	2.422	43	1860	1.33	ug/l #	75
17) Carbon Disulfide	2.550	76	297	0.94	ug/l #	75
20) Methylene Chloride	2.837	84	845	0.24	ug/l #	89
27) cis-1,2-Dichloroethene	4.568	96	3785	1.07	ug/l	93
30) Chloroform	5.178	83	2067	0.35	ug/l	91
31) Cyclohexane	5.623	56	5164	1.04	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	20324	4.44	ug/l #	49
38) Carbon Tetrachloride	5.629	117	27351	5.69	ug/l #	18
44) Trichloroethene	7.171	130	1135	0.32	ug/l	76
51) 4-Methyl-2-Pentanone	8.695	43	2017	0.46	ug/l #	1
64) Tetrachloroethene	9.317	164	708	0.21	ug/l #	89
74) N-amyl acetate	10.817	43	40	2.02	ug/l #	38
76) 1,2,3-Trichloropropane	11.122	75	95668	21.89	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	95668	61.33	ug/l #	12
95) Naphthalene	13.823	128	108	2.88	ug/l #	69

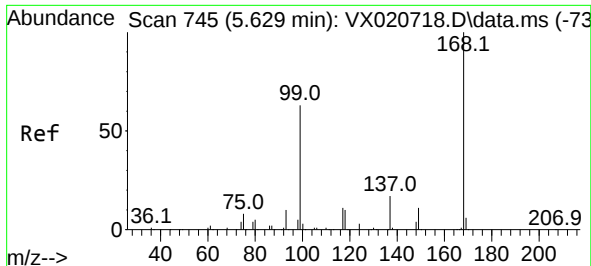
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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152140-DDC-8-PD

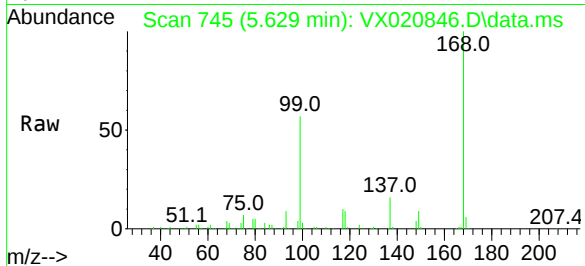
Quant Time: Feb 04 02:25:13 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:38:15 2021
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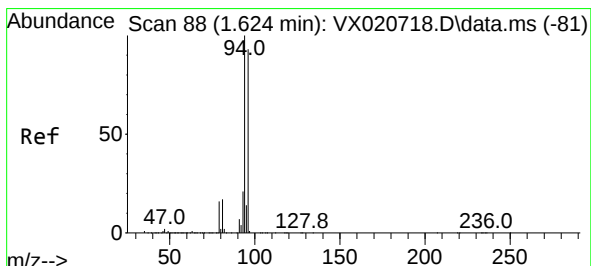
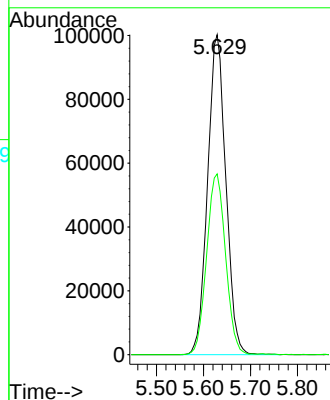
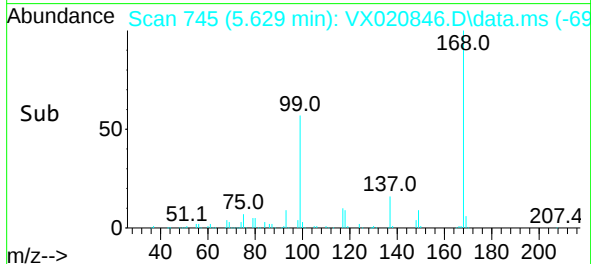


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020846.D
Acq: 03 Feb 2021 17:27

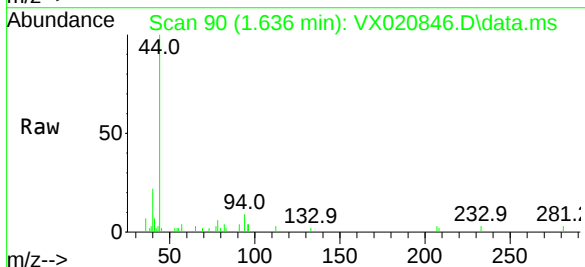
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-8-PD



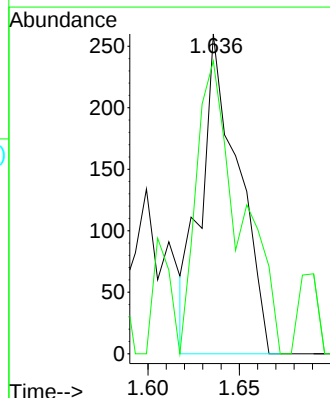
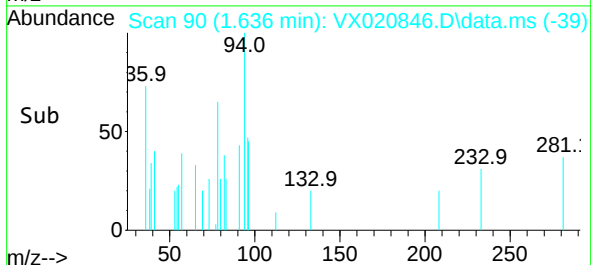
Tgt Ion:168 Resp: 269613
Ion Ratio Lower Upper
168 100
99 56.5 45.8 68.6

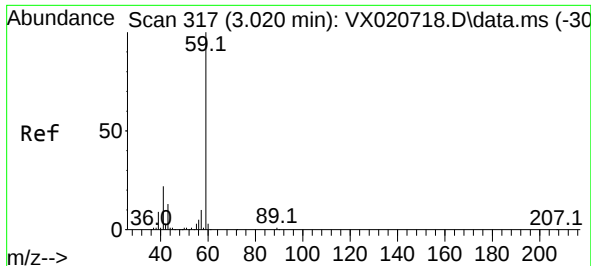


#5
Bromomethane
Concen: 0.20 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020846.D
Acq: 03 Feb 2021 17:27



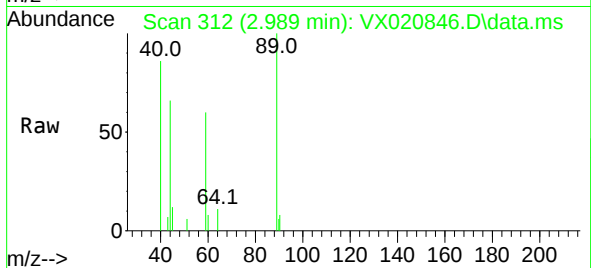
Tgt Ion: 94 Resp: 368
Ion Ratio Lower Upper
94 100
96 91.5 76.4 114.6



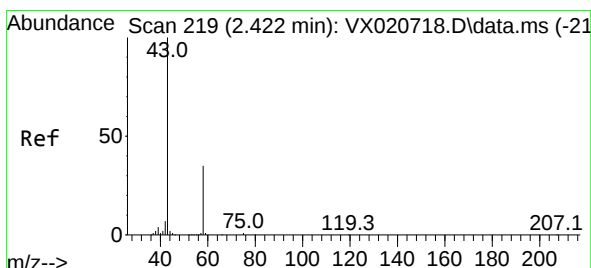
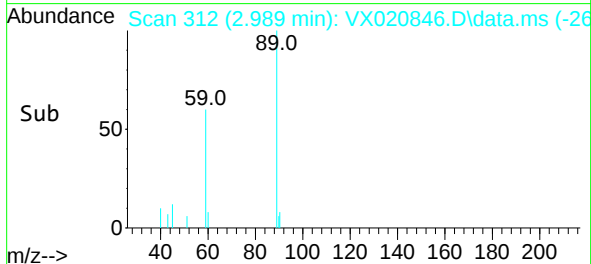
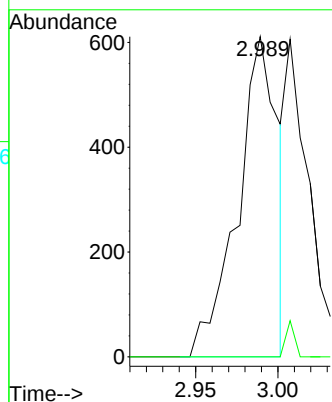


#11
Tert butyl alcohol
Concen: 1.50 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.031 min
Lab File: VX020846.D
Acq: 03 Feb 2021 17:27

Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-8-PD

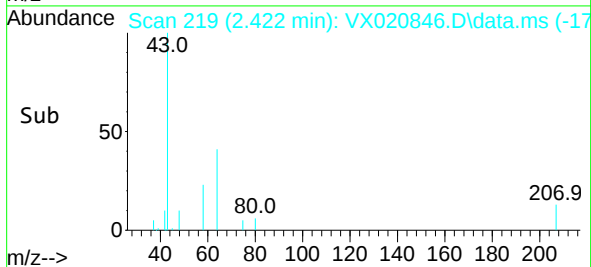
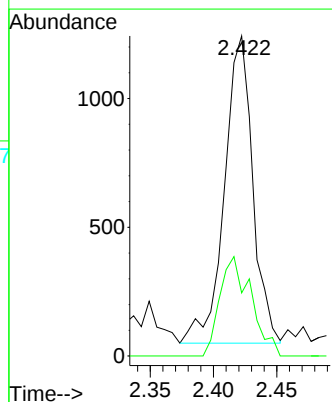
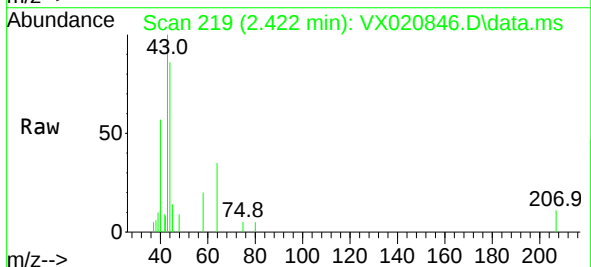


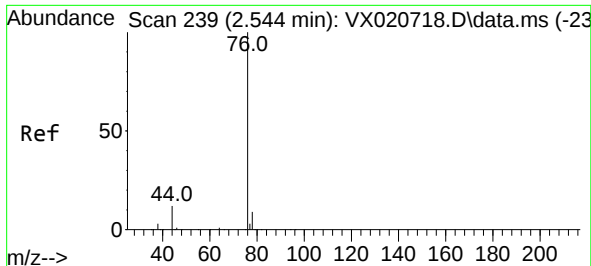
Tgt Ion: 59 Resp: 1032
Ion Ratio Lower Upper
59 100
57 2.4 7.8 11.8#



#16
Acetone
Concen: 1.33 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX020846.D
Acq: 03 Feb 2021 17:27

Tgt Ion: 43 Resp: 1860
Ion Ratio Lower Upper
43 100
58 20.5 27.8 41.8#

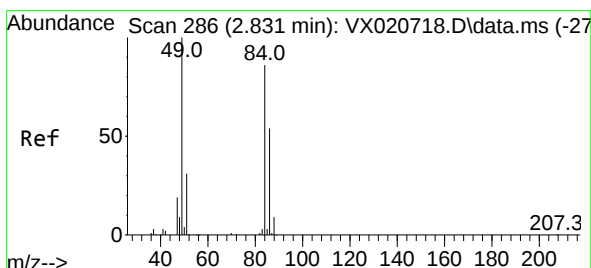
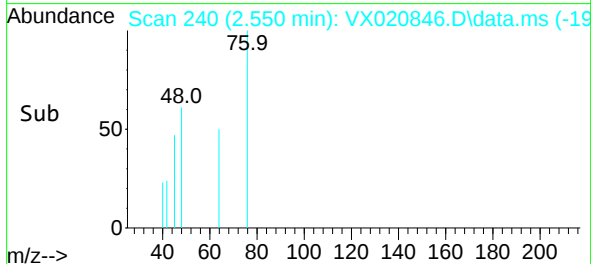
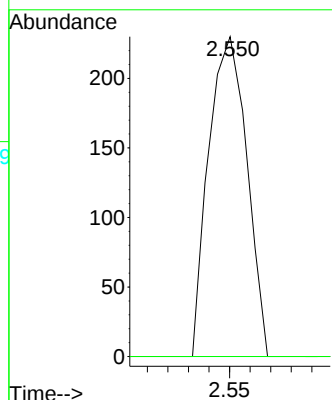
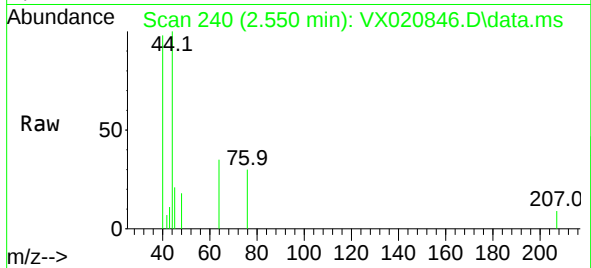




#17
Carbon Disulfide
Concen: 0.94 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020846.D
Acq: 03 Feb 2021 17:27

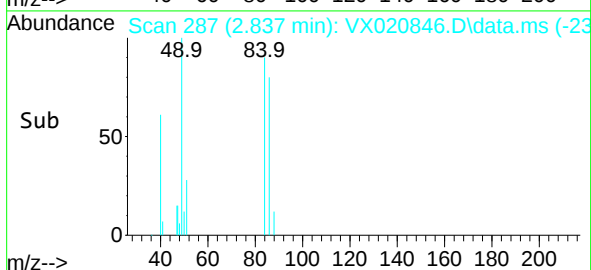
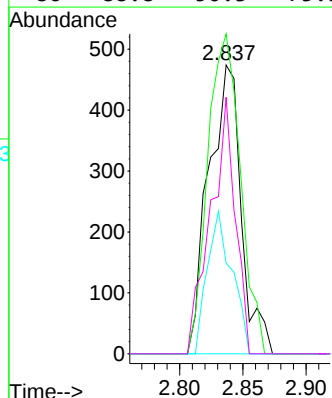
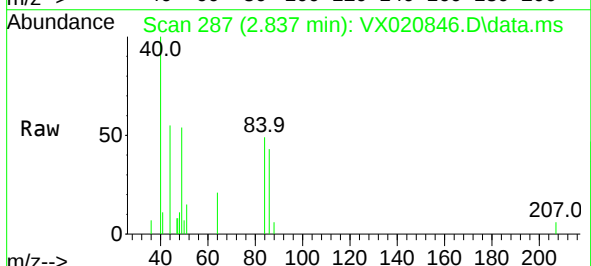
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-8-PD

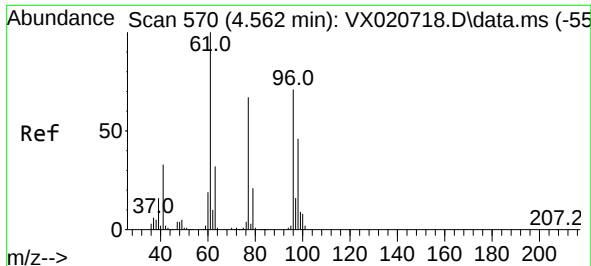
Tgt Ion: 76 Resp: 297
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.24 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020846.D
Acq: 03 Feb 2021 17:27

Tgt Ion: 84 Resp: 845
Ion Ratio Lower Upper
84 100
49 110.8 88.6 132.8
51 31.4 27.0 40.6
86 88.8 50.3 75.5#





#27

cis-1,2-Dichloroethene

Concen: 1.07 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX020846.D

Acq: 03 Feb 2021 17:27

Instrument :

MSVOA_X

ClientSampleId :

152140-DDC-8-PD

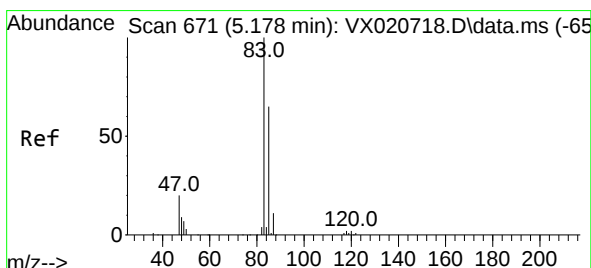
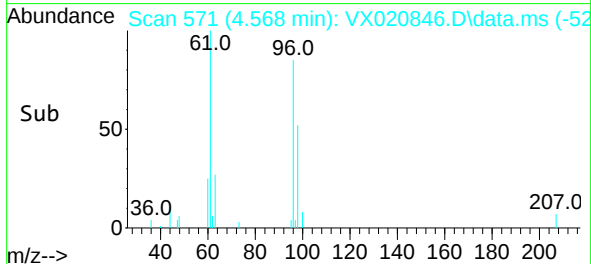
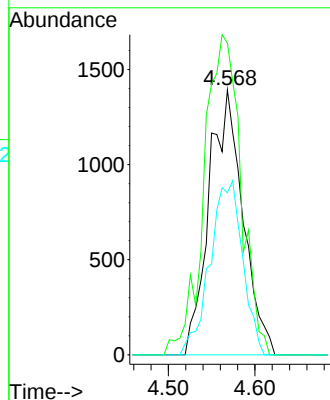
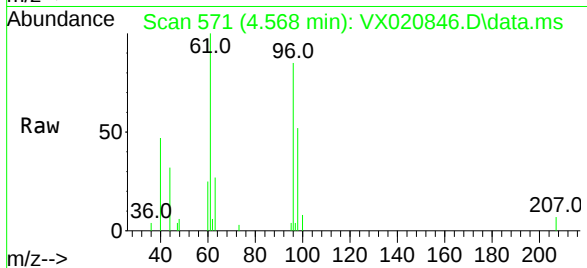
Tgt Ion: 96 Resp: 3785

Ion Ratio Lower Upper

96 100

61 131.1 0.0 285.6

98 63.1 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: VX020846.D

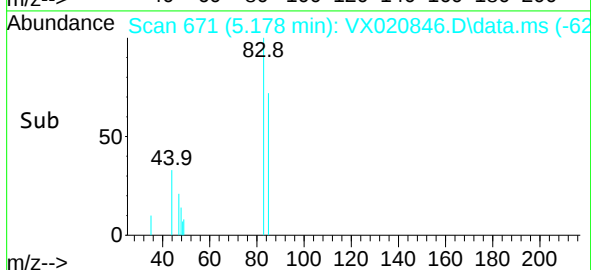
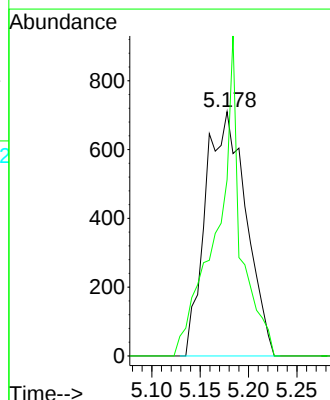
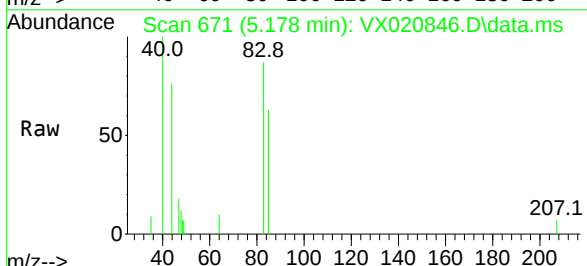
Acq: 03 Feb 2021 17:27

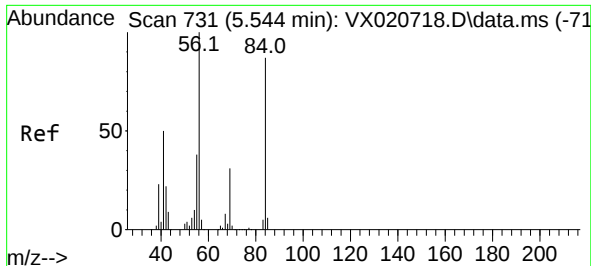
Tgt Ion: 83 Resp: 2067

Ion Ratio Lower Upper

83 100

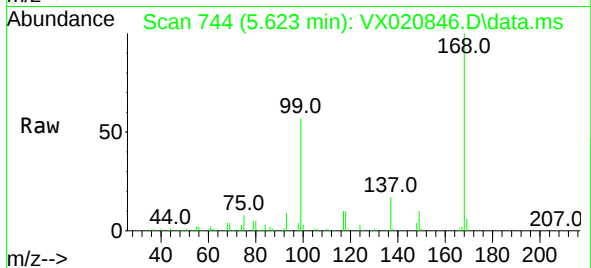
85 72.1 52.0 78.0



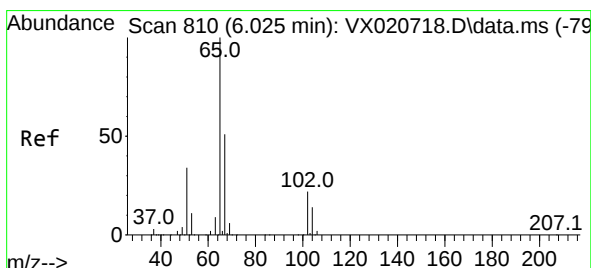
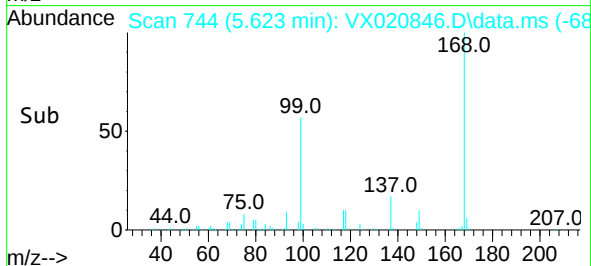
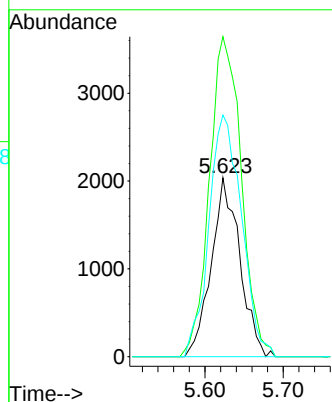


#31
Cyclohexane
Concen: 1.04 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.079 min
Lab File: VX020846.D
Acq: 03 Feb 2021 17:27

Instrument :
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ClientSampleId :
152140-DDC-8-PD

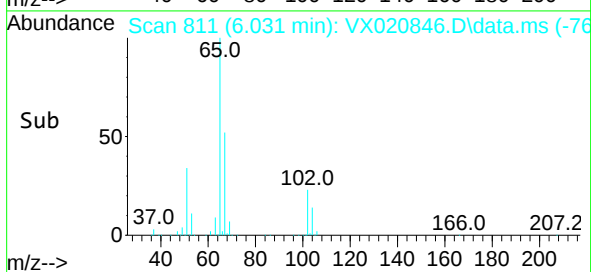
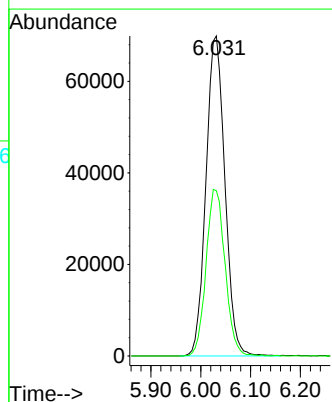
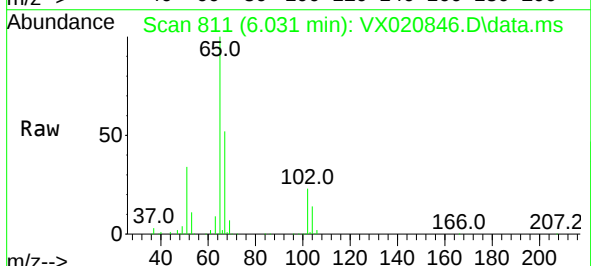


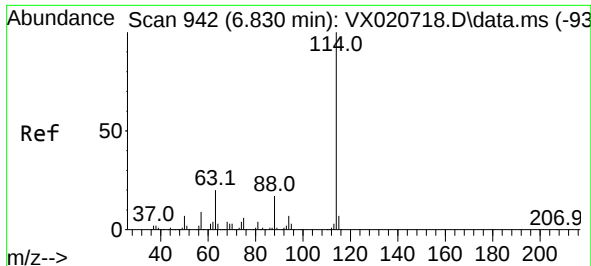
Tgt Ion: 56 Resp: 5164
Ion Ratio Lower Upper
56 100
69 178.8 25.3 37.9#
84 135.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.20 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020846.D
Acq: 03 Feb 2021 17:27

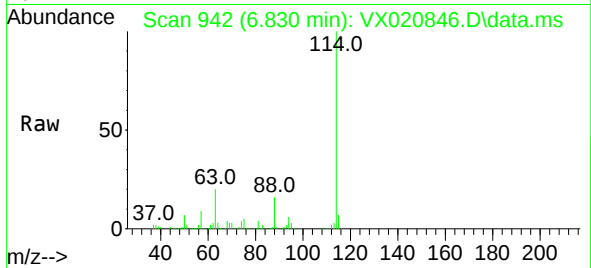
Tgt Ion: 65 Resp: 184610
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4



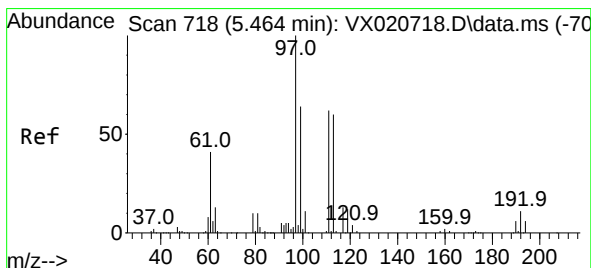
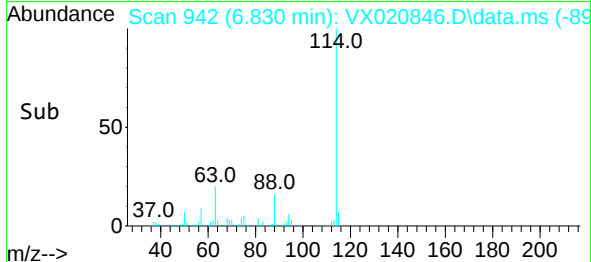
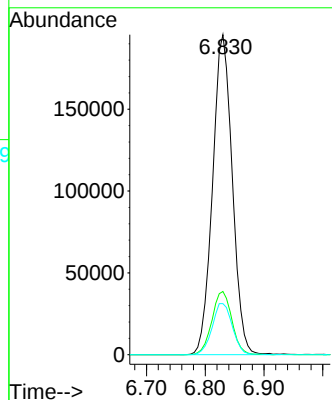


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX020846.D
Acq: 03 Feb 2021 17:27

Instrument :
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152140-DDC-8-PD

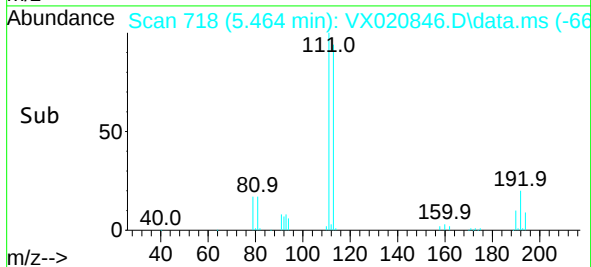
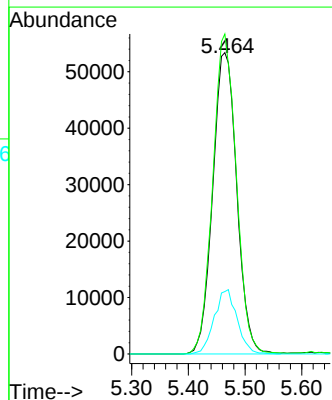
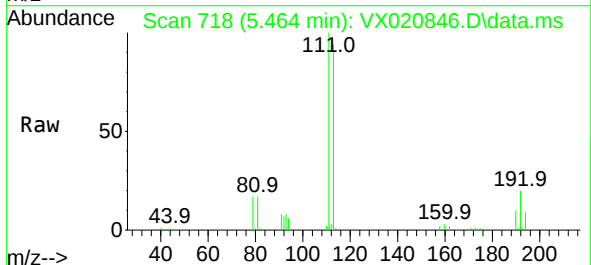


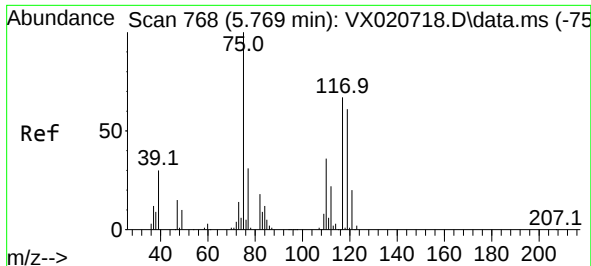
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.8
88	15.9	0.0	32.8



#35
Dibromofluoromethane
Concen: 50.40 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020846.D
Acq: 03 Feb 2021 17:27

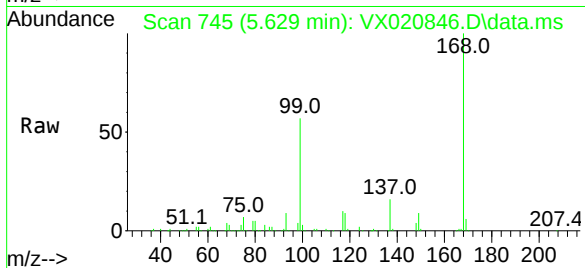
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.9	122.9
192	20.3	16.7	25.1



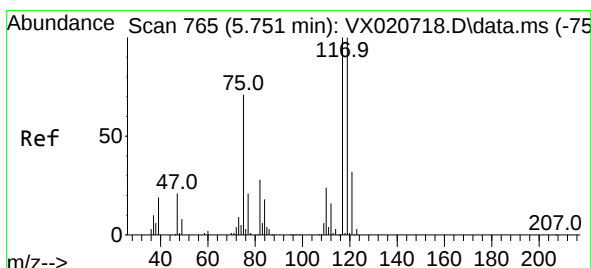
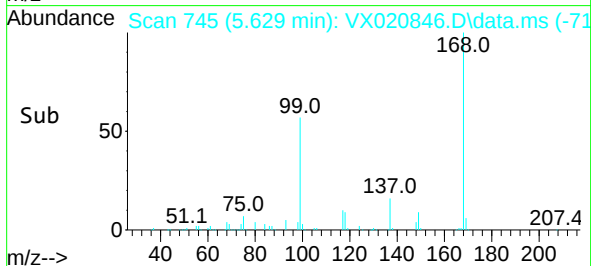
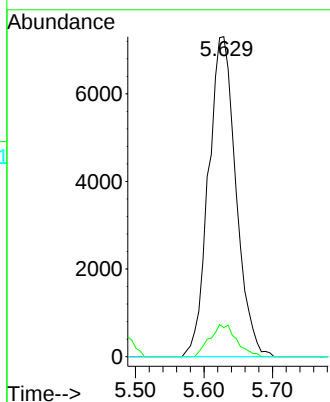


#36
1,1-Dichloropropene
Concen: 4.44 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020846.D
Acq: 03 Feb 2021 17:27

Instrument :
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ClientSampleId :
152140-DDC-8-PD

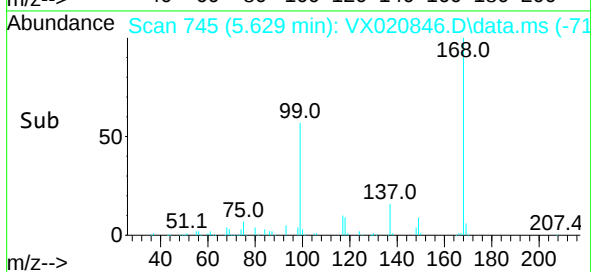
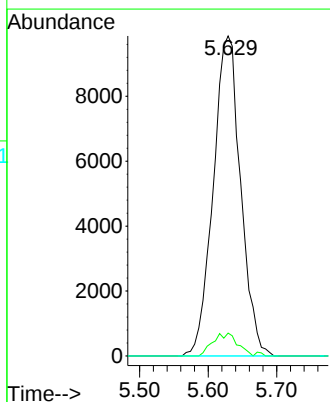
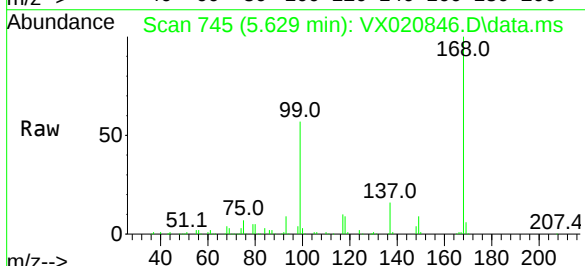


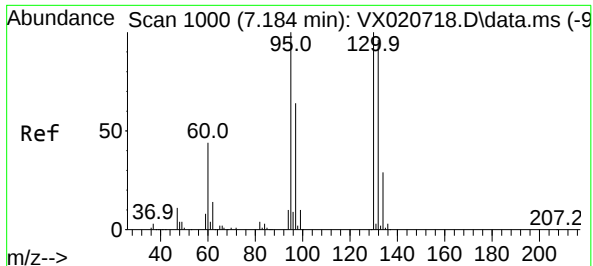
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.1	54.4#
77	0.0	25.3	37.9#



#38
Carbon Tetrachloride
Concen: 5.69 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020846.D
Acq: 03 Feb 2021 17:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.1	76.2	114.2#
121	0.0	24.8	37.2#

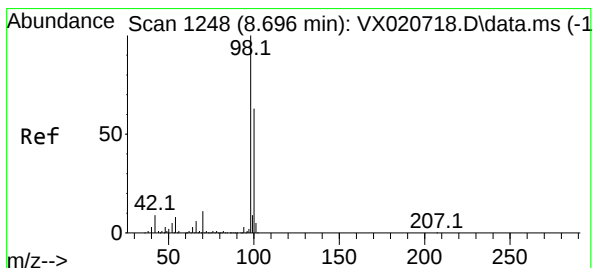
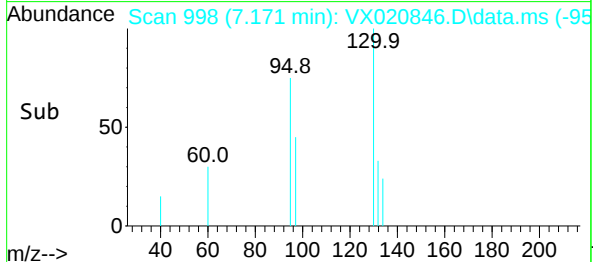
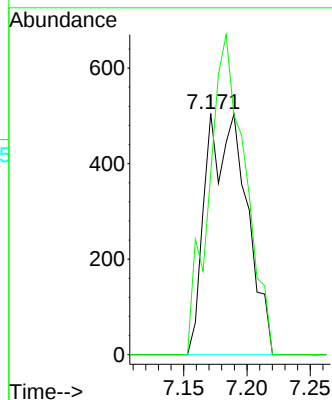
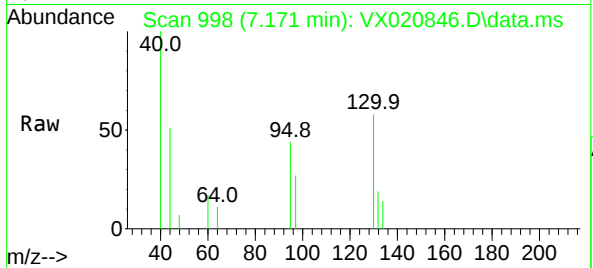




#44
Trichloroethene
Concen: 0.32 ug/l
RT: 7.171 min Scan# 998
Delta R.T. -0.013 min
Lab File: VX020846.D
Acq: 03 Feb 2021 17:27

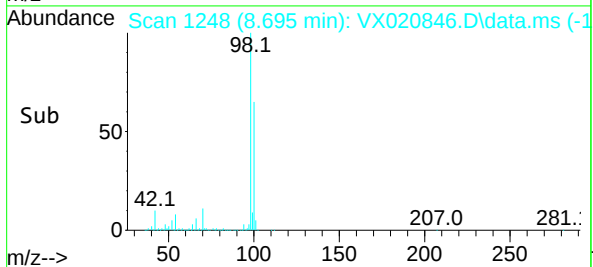
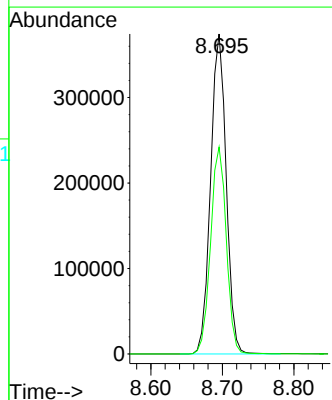
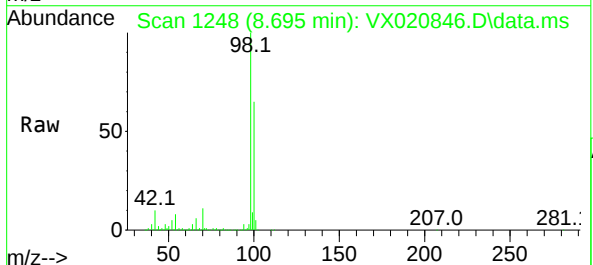
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-8-PD

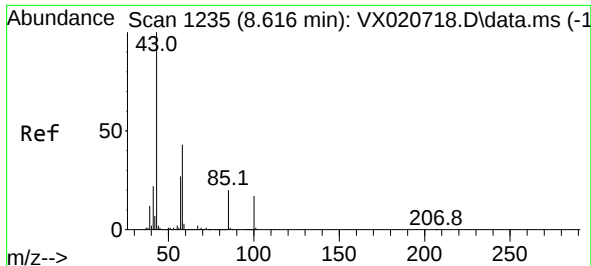
Tgt Ion:130 Resp: 1135
Ion Ratio Lower Upper
130 100
95 75.4 0.0 198.0



#50
Toluene-d8
Concen: 49.49 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020846.D
Acq: 03 Feb 2021 17:27

Tgt Ion: 98 Resp: 566213
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

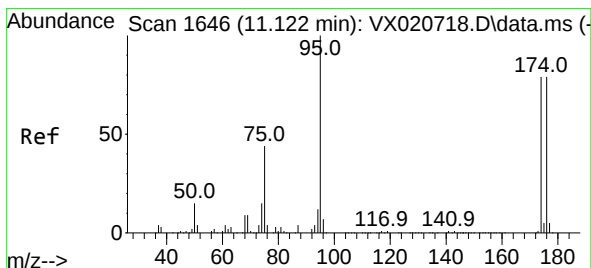
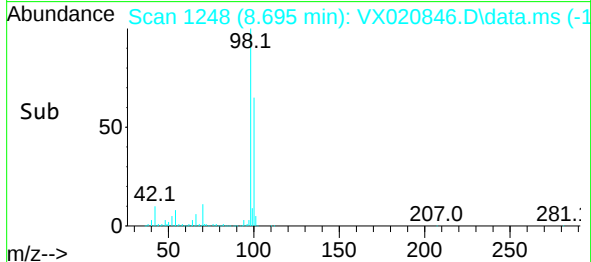
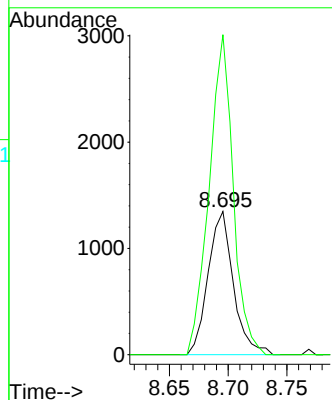
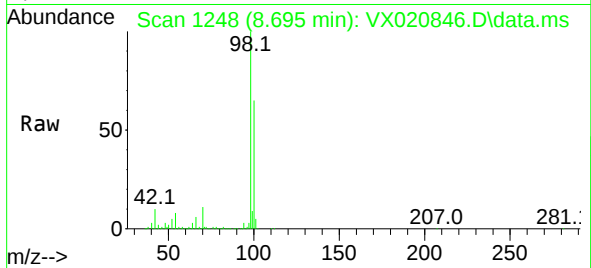




#51
4-Methyl-2-Pentanone
Concen: 0.46 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.079 min
Lab File: VX020846.D
Acq: 03 Feb 2021 17:27

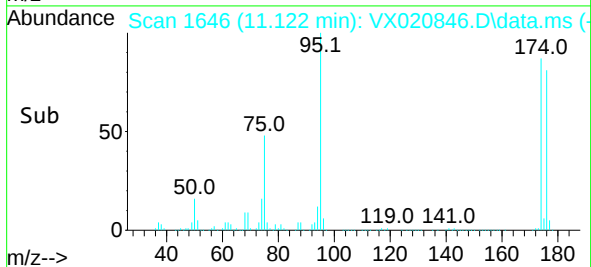
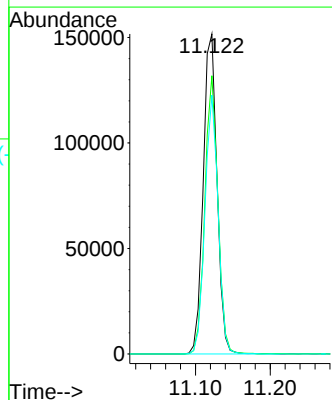
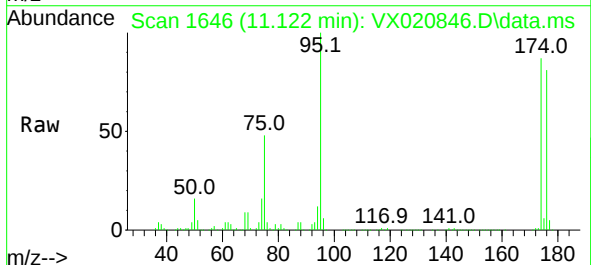
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-8-PD

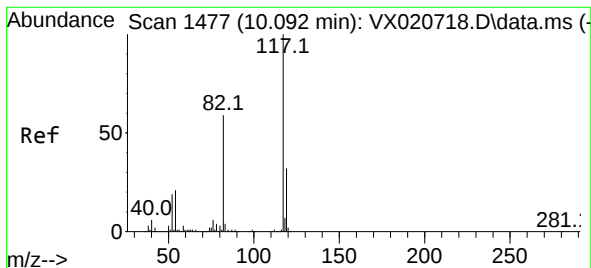
Tgt Ion: 43 Resp: 2017
Ion Ratio Lower Upper
43 100
58 212.7 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 43.61 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020846.D
Acq: 03 Feb 2021 17:27

Tgt Ion: 95 Resp: 193775
Ion Ratio Lower Upper
95 100
174 82.5 0.0 154.6
176 77.4 0.0 155.8

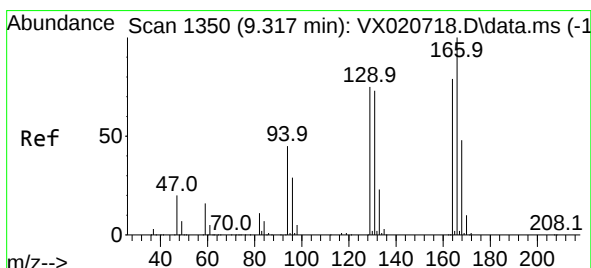
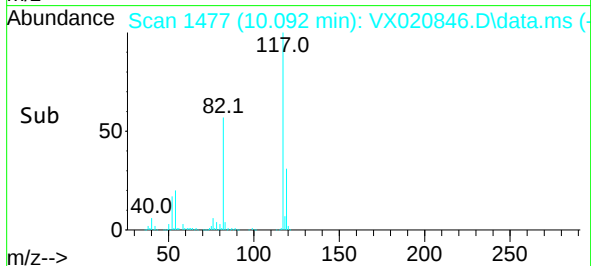
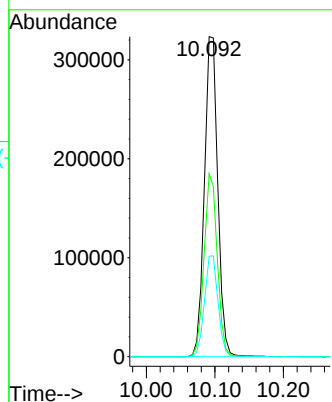
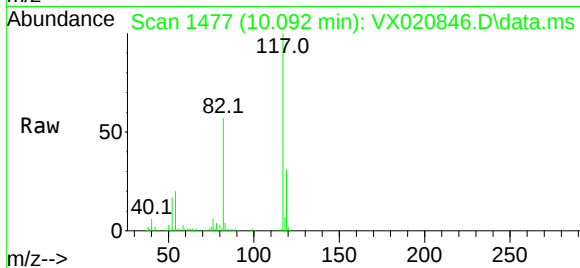




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020846.D
Acq: 03 Feb 2021 17:27

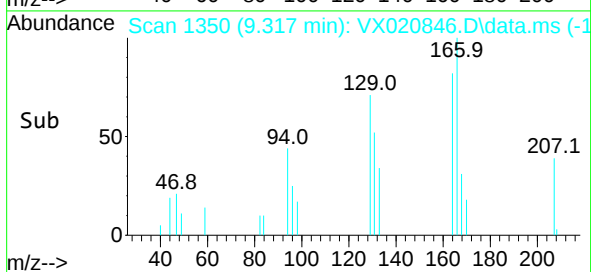
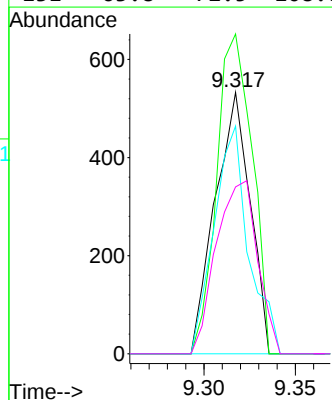
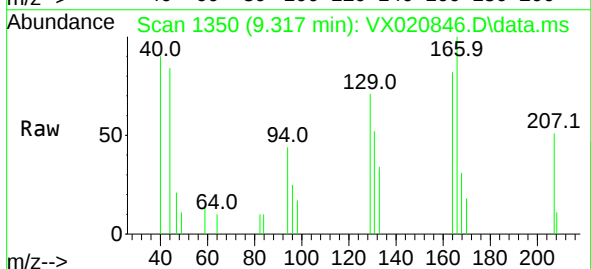
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-8-PD

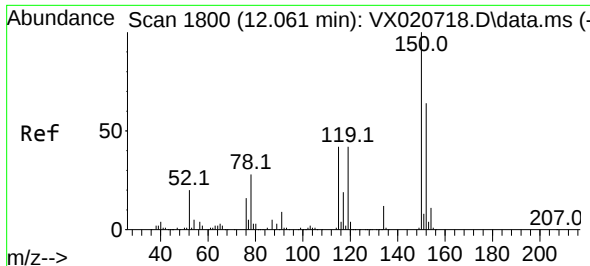
Tgt Ion:	117	Resp:	440189
Ion	Ratio	Lower	Upper
117	100		
82	57.2	47.4	71.2
119	31.4	26.6	39.8



#64
Tetrachloroethene
Concen: 0.21 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020846.D
Acq: 03 Feb 2021 17:27

Tgt Ion:	164	Resp:	708
Ion	Ratio	Lower	Upper
164	100		
166	122.3	103.4	155.2
129	87.1	70.8	106.2
131	63.8	72.5	108.7#

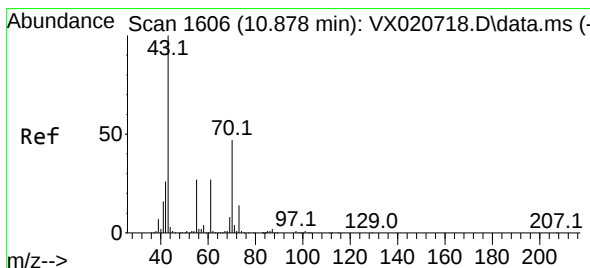
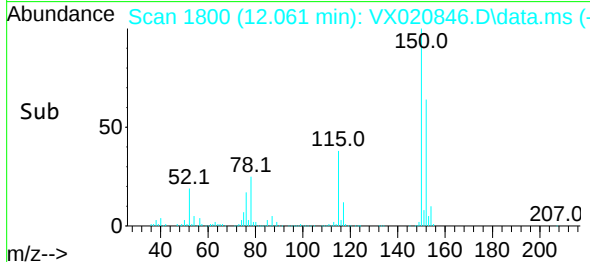
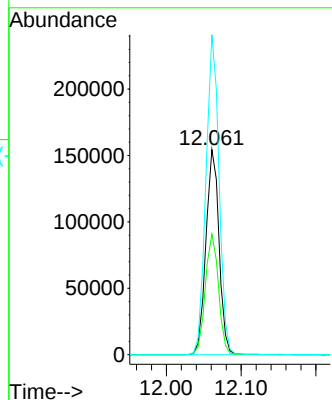
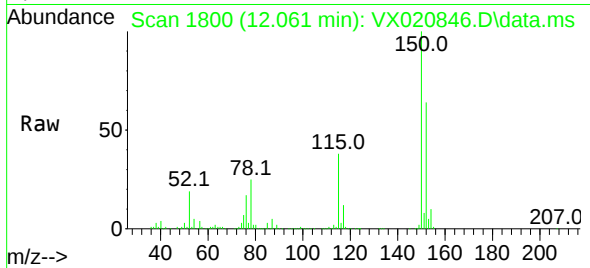




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020846.D
Acq: 03 Feb 2021 17:27

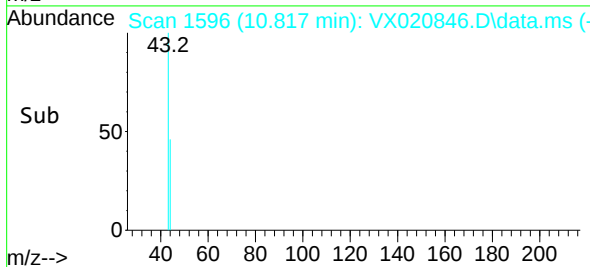
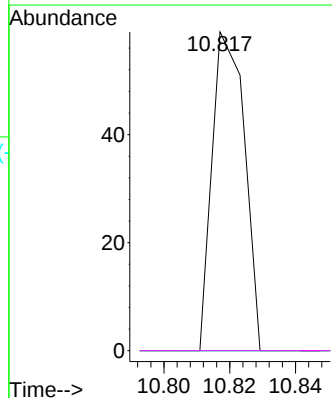
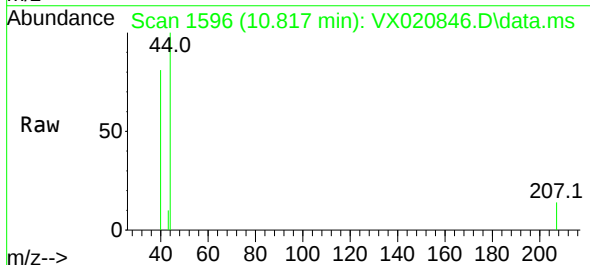
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-8-PD

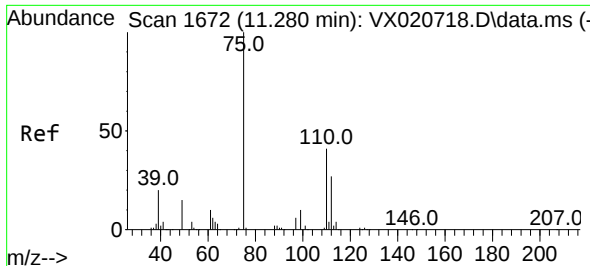
Tgt Ion:152 Resp: 188466
Ion Ratio Lower Upper
152 100
115 59.0 41.1 123.3
150 155.7 0.0 349.0



#74
N-ethyl acetate
Concen: 2.02 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.061 min
Lab File: VX020846.D
Acq: 03 Feb 2021 17:27

Tgt Ion: 43 Resp: 40
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#

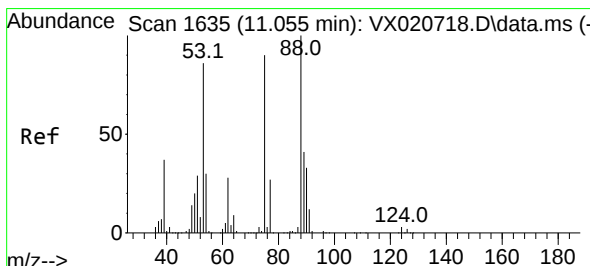
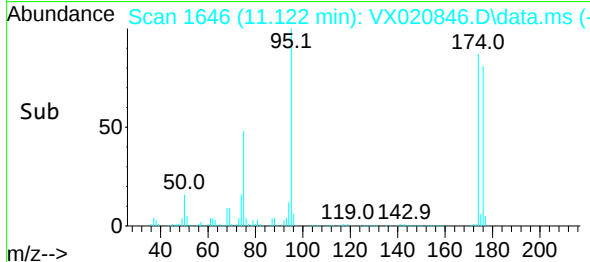
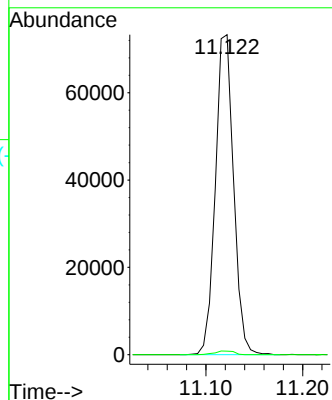
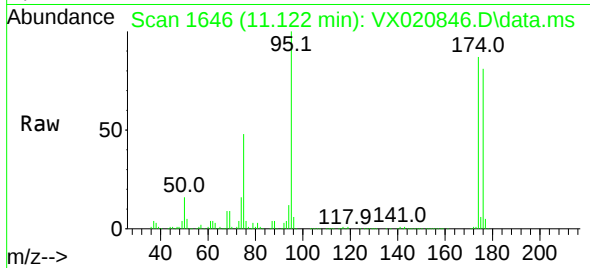




#76
1,2,3-Trichloropropane
Concen: 21.89 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020846.D
Acq: 03 Feb 2021 17:27

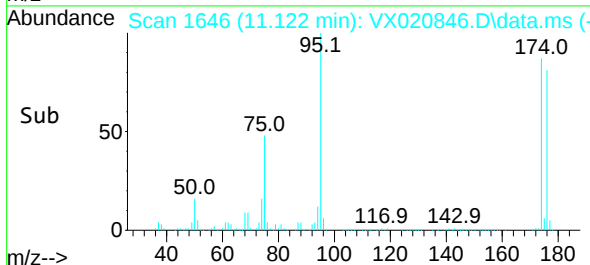
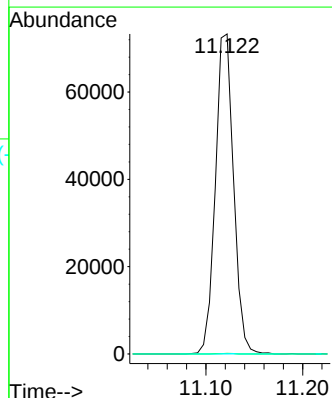
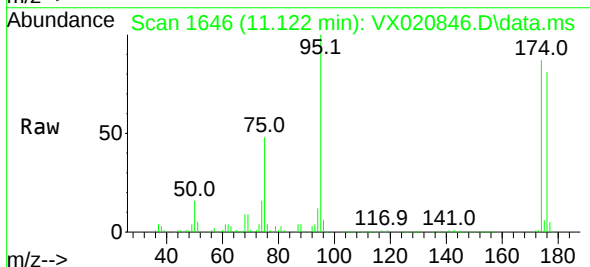
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-8-PD

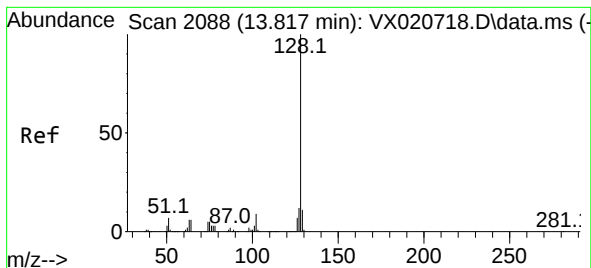
Tgt Ion: 75 Resp: 95668
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.33 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020846.D
Acq: 03 Feb 2021 17:27

Tgt Ion: 75 Resp: 95668
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.1 37.9 56.9#





#95
Naphthalene
Concen: 2.88 ug/l
RT: 13.823 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VX020846.D
Acq: 03 Feb 2021 17:27

Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-8-PD

Tgt Ion:128 Resp: 108
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

