

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020321\
 Data File : VX020844.D
 Acq On : 03 Feb 2021 16:40
 Operator : JC/SP
 Sample : M1289-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-DDC-7-PD

Quant Time: Feb 04 02:24:31 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)

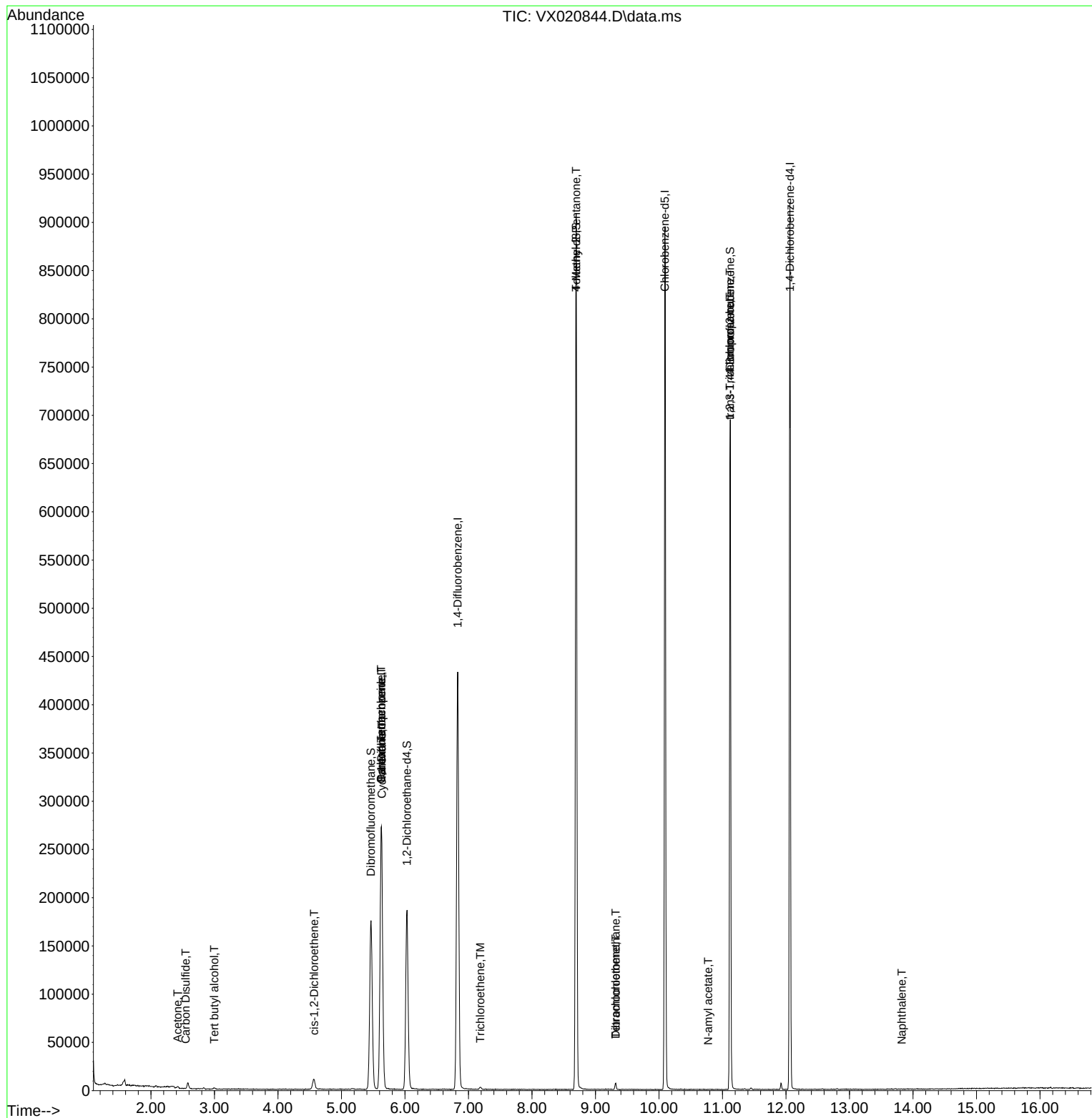
Internal Standards						
1) Pentafluorobenzene	5.629	168	257777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	442495	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	422658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	187094	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	177778	50.56	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.12%			
35) Dibromofluoromethane	5.465	113	154675	51.03	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.06%			
50) Toluene-d8	8.696	98	546444	49.18	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.36%			
62) 4-Bromofluorobenzene	11.122	95	191480	44.37	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 88.74%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.995	59	850	1.29	ug/l #	73
16) Acetone	2.416	43	1886	1.41	ug/l	99
17) Carbon Disulfide	2.544	76	346	0.94	ug/l #	75
27) cis-1,2-Dichloroethene	4.568	96	6948	2.05	ug/l	93
31) Cyclohexane	5.635	56	5026	1.06	ug/l #	4
36) 1,1-Dichloropropene	5.629	75	19049	4.29	ug/l #	49
38) Carbon Tetrachloride	5.623	117	26689	5.72	ug/l #	17
44) Trichloroethene	7.184	130	997	0.29	ug/l	91
51) 4-Methyl-2-Pentanone	8.696	43	2111	0.50	ug/l #	1
60) Dibromochloromethane	9.318	129	1223	0.32	ug/l #	11
64) Tetrachloroethene	9.318	164	1177	0.36	ug/l #	82
74) N-amyl acetate	10.775	43	40	2.02	ug/l #	38
76) 1,2,3-Trichloropropane	11.116	75	93547	21.56	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	93547	60.41	ug/l #	12
95) Naphthalene	13.823	128	96	2.88	ug/l #	69

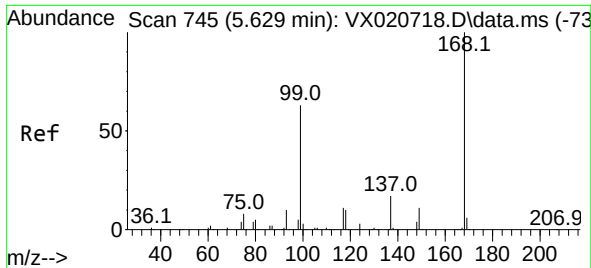
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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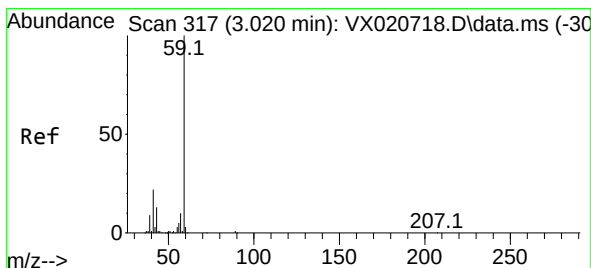
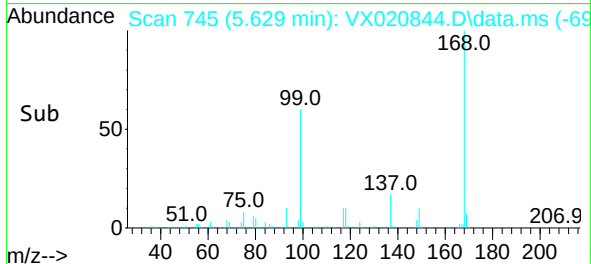
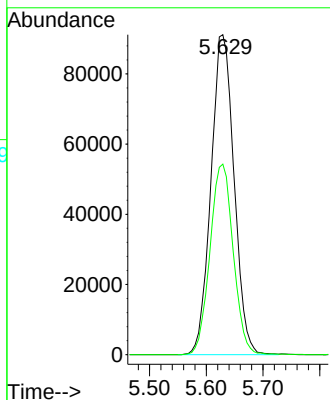
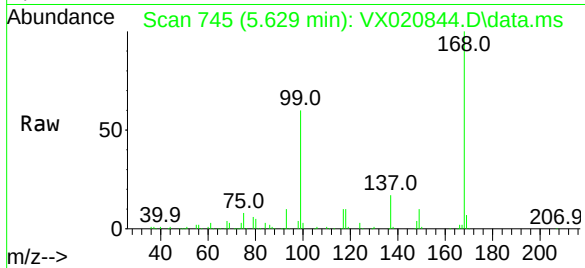




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020844.D
Acq: 03 Feb 2021 16:40

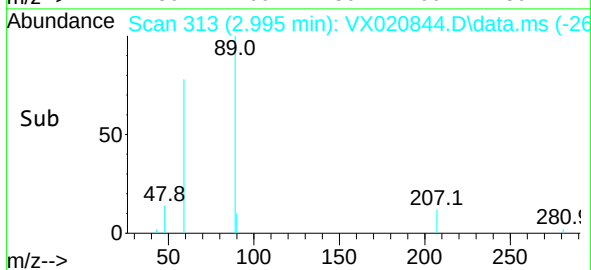
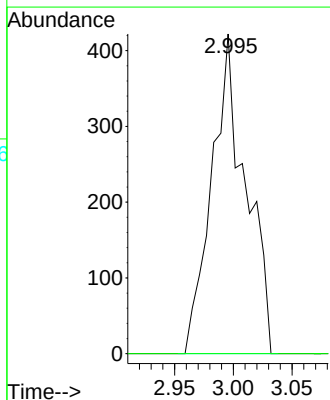
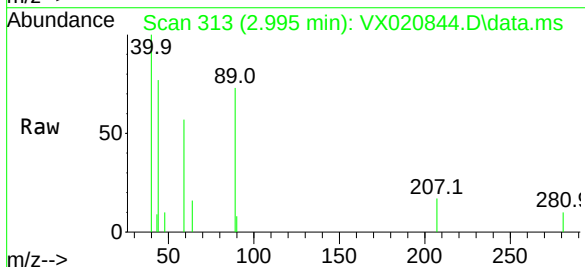
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-7-PD

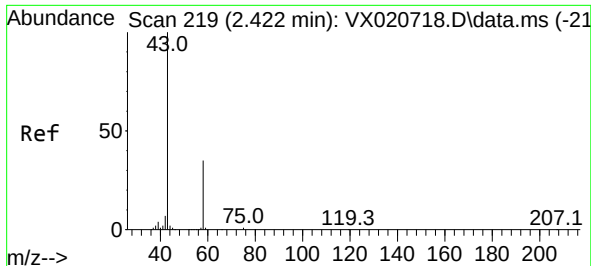
Tgt Ion:168 Resp: 257777
Ion Ratio Lower Upper
168 100
99 59.6 45.8 68.6



#11
Tert butyl alcohol
Concen: 1.29 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.025 min
Lab File: VX020844.D
Acq: 03 Feb 2021 16:40

Tgt Ion: 59 Resp: 850
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

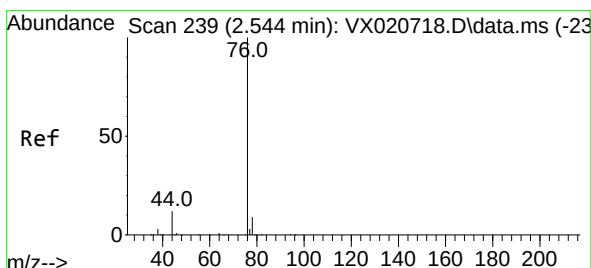
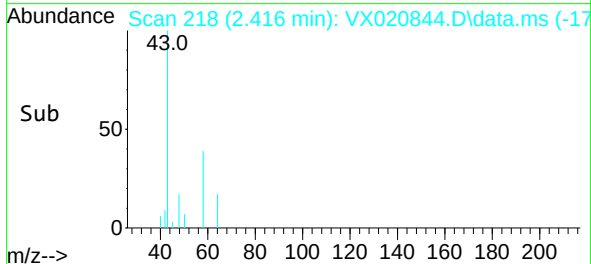
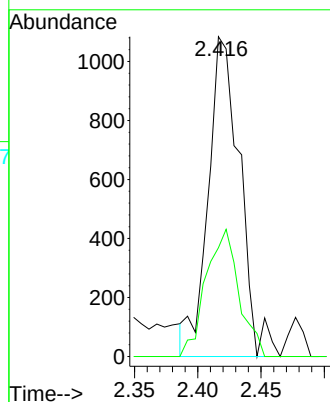
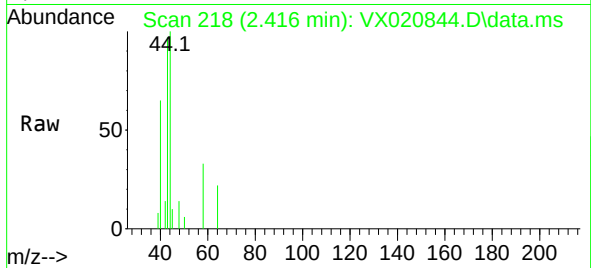




#16
Acetone
Concen: 1.41 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020844.D
Acq: 03 Feb 2021 16:40

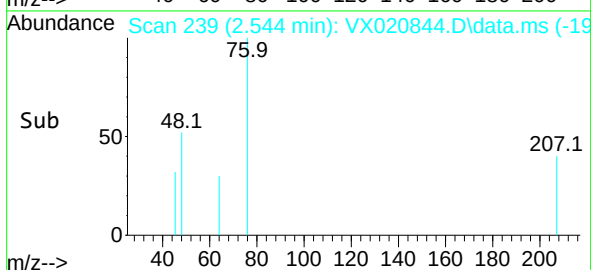
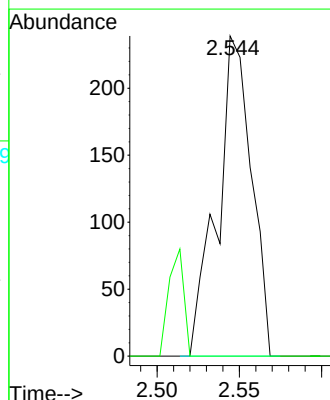
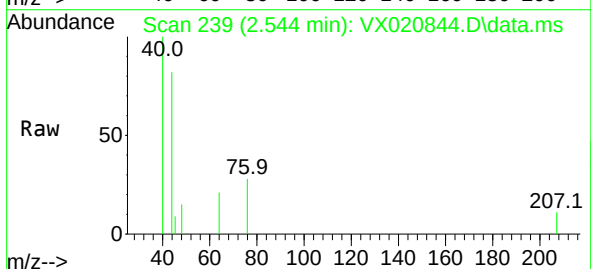
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-7-PD

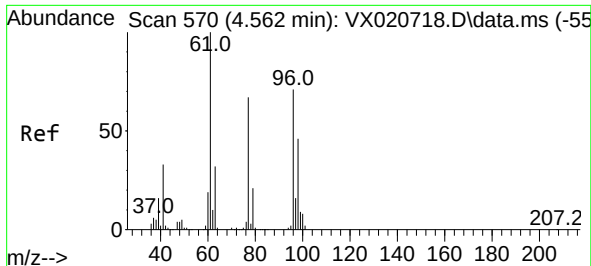
Tgt Ion: 43 Resp: 1886
Ion Ratio Lower Upper
43 100
58 34.0 27.8 41.8



#17
Carbon Disulfide
Concen: 0.94 ug/l
RT: 2.544 min Scan# 239
Delta R.T. 0.000 min
Lab File: VX020844.D
Acq: 03 Feb 2021 16:40

Tgt Ion: 76 Resp: 346
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#27

cis-1,2-Dichloroethene

Concen: 2.05 ug/l

RT: 4.568 min Scan# 571

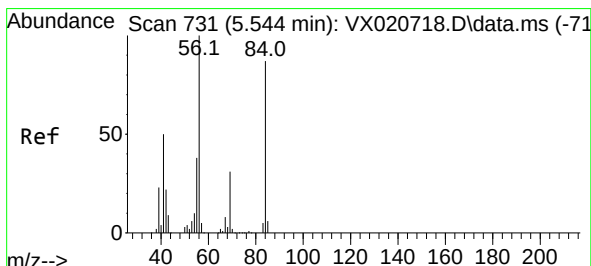
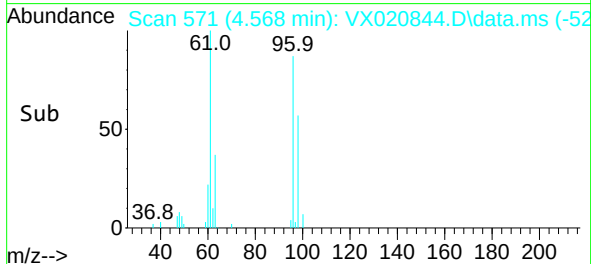
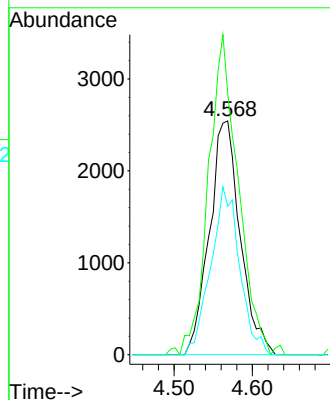
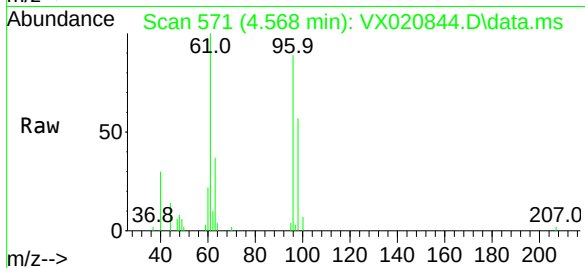
Delta R.T. 0.006 min

Lab File: VX020844.D

Acq: 03 Feb 2021 16:40

Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-7-PD

Tgt Ion:	96	Resp:	6948
Ion	Ratio	Lower	Upper
96	100		
61	132.8	0.0	285.6
98	67.6	0.0	129.6



#31

Cyclohexane

Concen: 1.06 ug/l

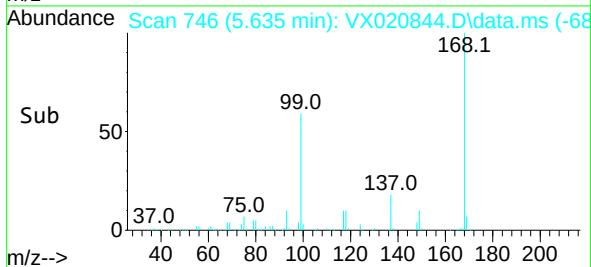
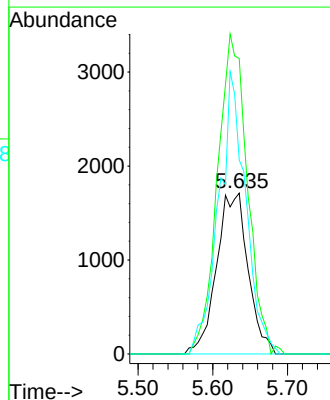
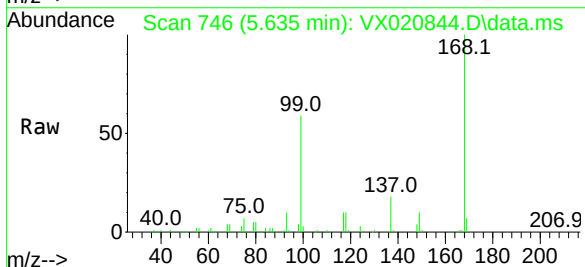
RT: 5.635 min Scan# 746

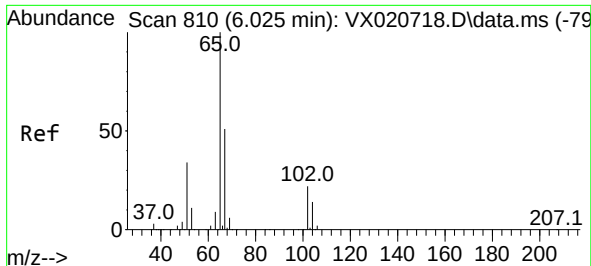
Delta R.T. 0.091 min

Lab File: VX020844.D

Acq: 03 Feb 2021 16:40

Tgt Ion:	56	Resp:	5026
Ion	Ratio	Lower	Upper
56	100		
69	183.6	25.3	37.9#
84	120.6	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.56 ug/l

RT: 6.032 min Scan# 811

Delta R.T. 0.007 min

Lab File: VX020844.D

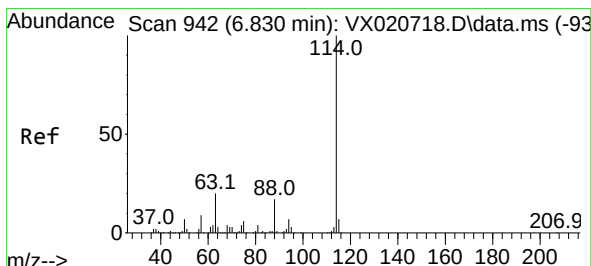
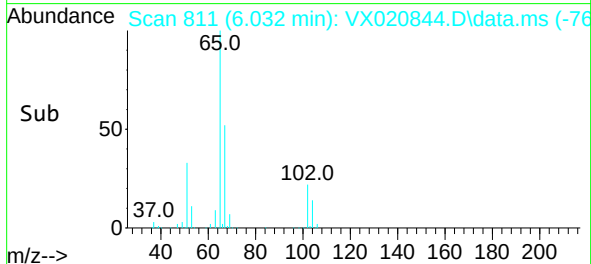
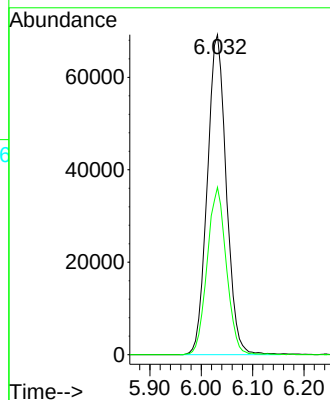
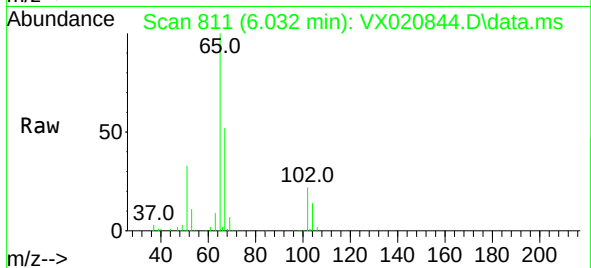
Acq: 03 Feb 2021 16:40

Tgt Ion: 65 Resp: 177778

Ion Ratio Lower Upper

65 100

67 52.7 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: VX020844.D

Acq: 03 Feb 2021 16:40

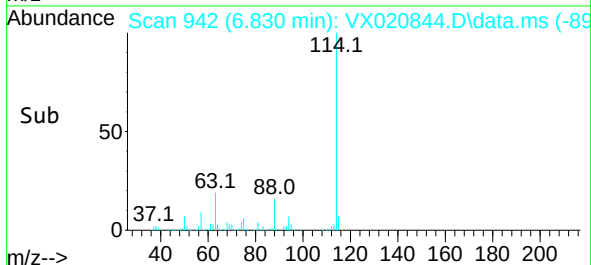
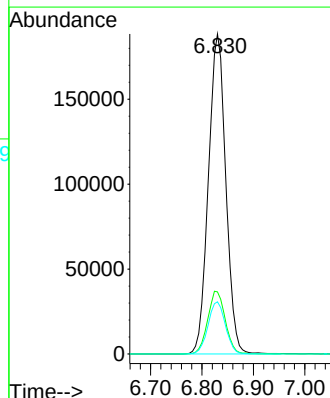
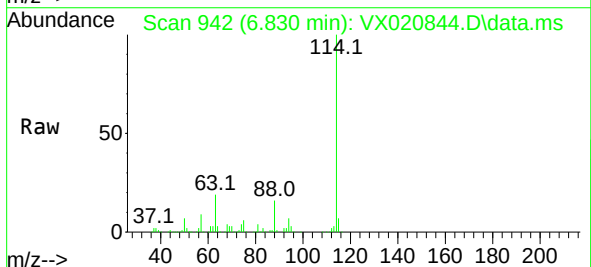
Tgt Ion: 114 Resp: 442495

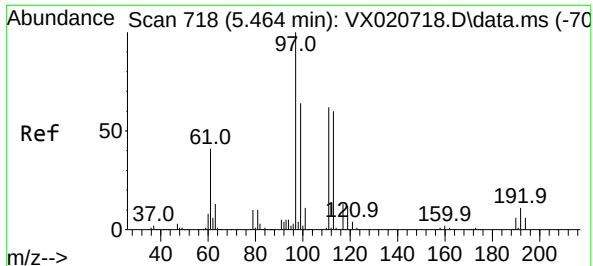
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.8

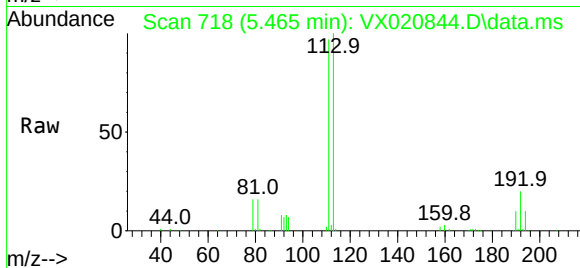
88 16.3 0.0 32.8



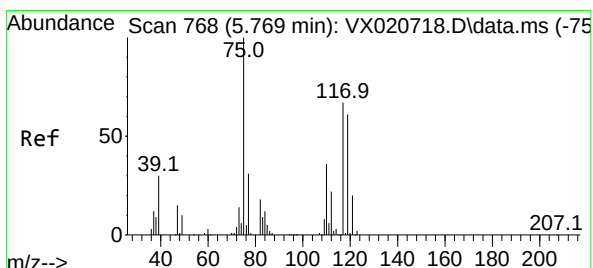
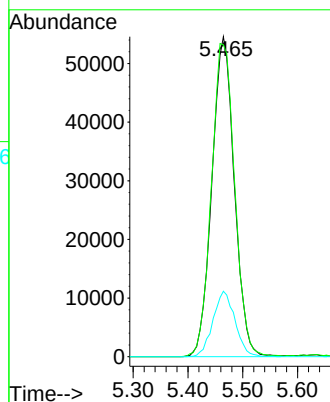
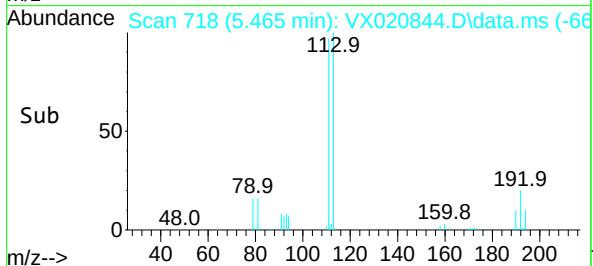


#35
Dibromofluoromethane
Concen: 51.03 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.001 min
Lab File: VX020844.D
Acq: 03 Feb 2021 16:40

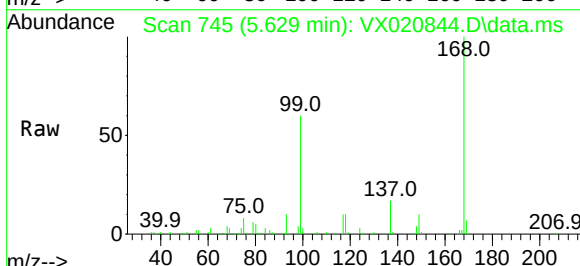
Instrument :
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152140-DDC-7-PD



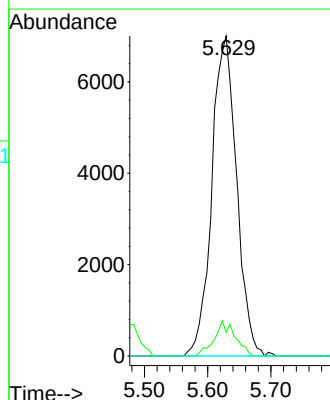
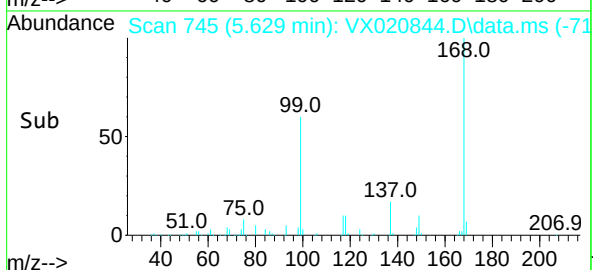
Tgt Ion:113 Resp: 154675
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 20.2 16.7 25.1

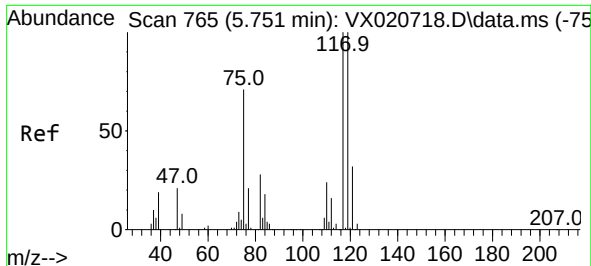


#36
1,1-Dichloropropene
Concen: 4.29 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020844.D
Acq: 03 Feb 2021 16:40



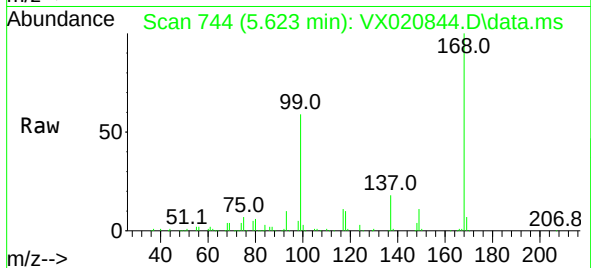
Tgt Ion: 75 Resp: 19049
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



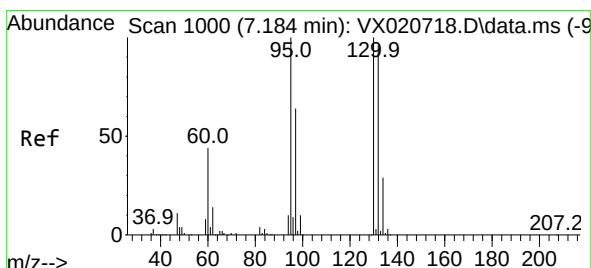
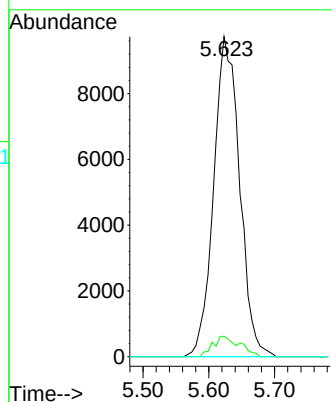
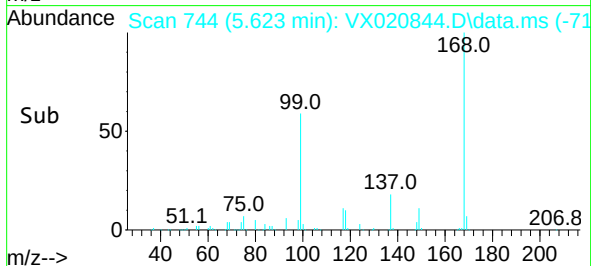


#38
Carbon Tetrachloride
Concen: 5.72 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020844.D
Acq: 03 Feb 2021 16:40

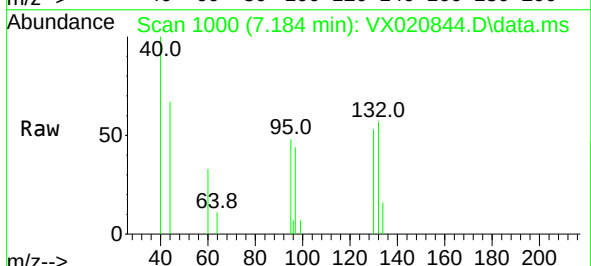
Instrument :
MSVOA_X
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152140-DDC-7-PD



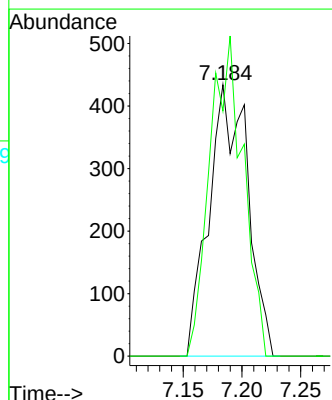
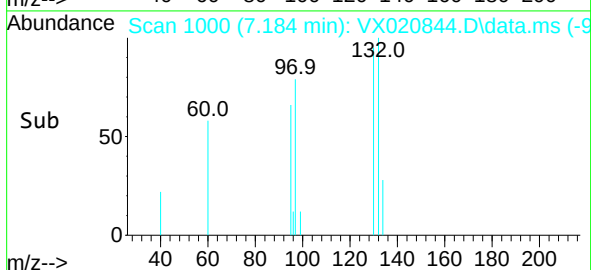
Tgt Ion:117 Resp: 26689
Ion Ratio Lower Upper
117 100
119 6.4 76.2 114.2#
121 0.0 24.8 37.2#

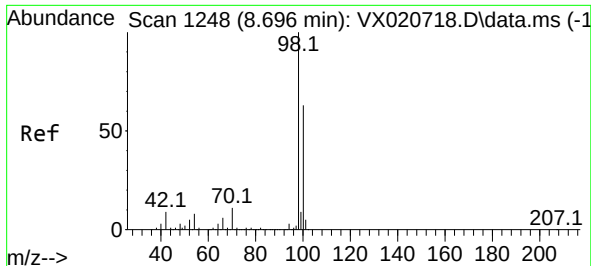


#44
Trichloroethene
Concen: 0.29 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020844.D
Acq: 03 Feb 2021 16:40



Tgt Ion:130 Resp: 997
Ion Ratio Lower Upper
130 100
95 90.3 0.0 198.0

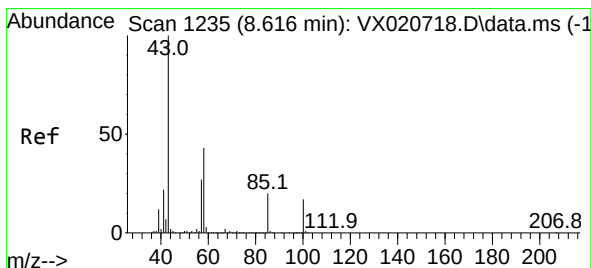
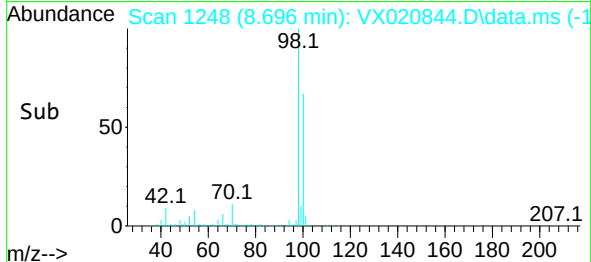
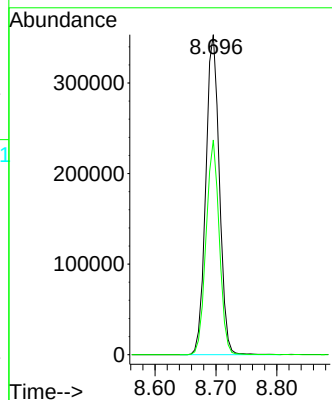
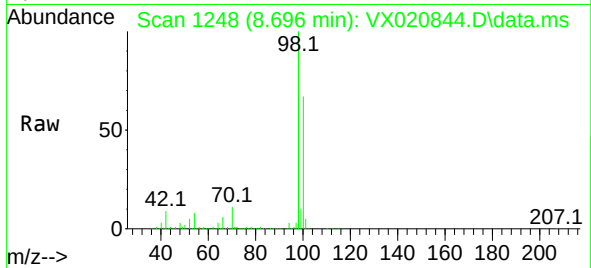




#50
Toluene-d8
Concen: 49.18 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020844.D
Acq: 03 Feb 2021 16:40

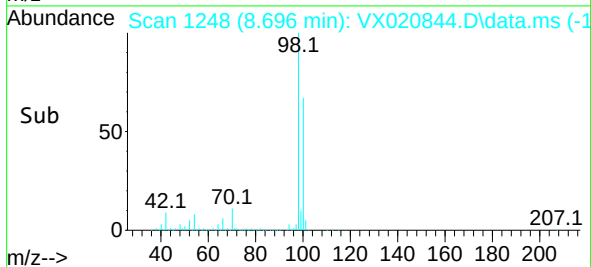
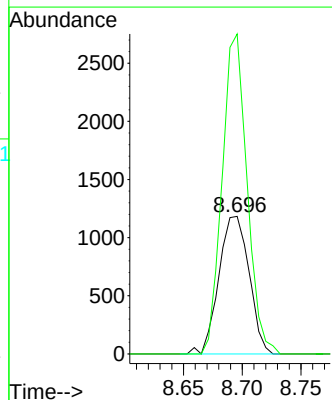
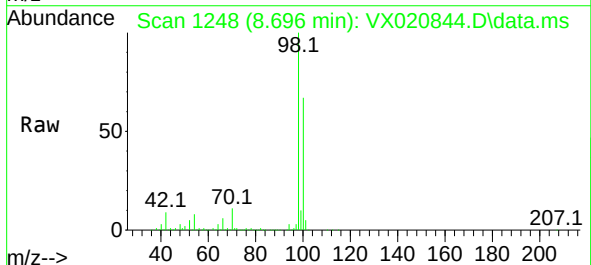
Instrument :
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152140-DDC-7-PD

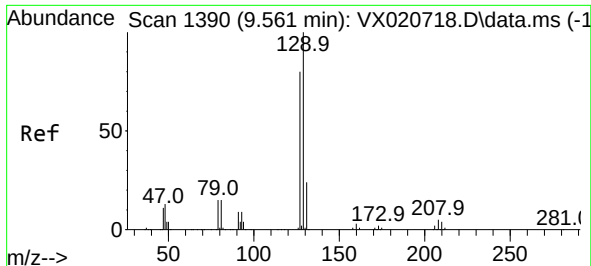
Tgt Ion: 98 Resp: 546444
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020844.D
Acq: 03 Feb 2021 16:40

Tgt Ion: 43 Resp: 2111
Ion Ratio Lower Upper
43 100
58 192.1 35.4 53.0#

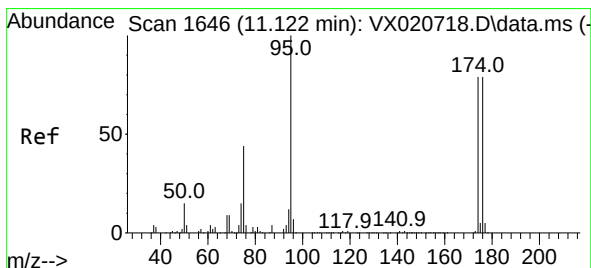
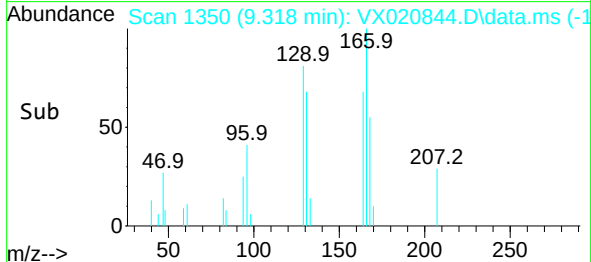
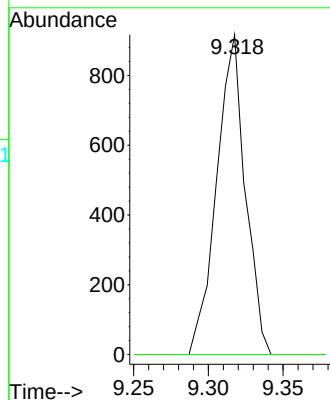
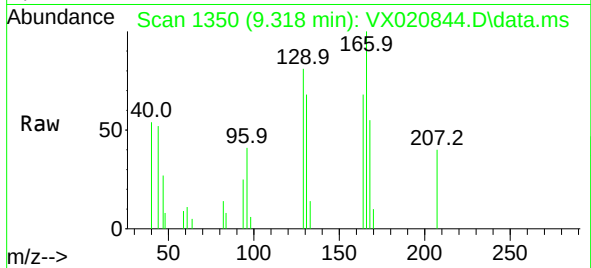




#60
Dibromochloromethane
Concen: 0.32 ug/l
RT: 9.318 min Scan# 1350
Delta R.T. -0.243 min
Lab File: VX020844.D
Acq: 03 Feb 2021 16:40

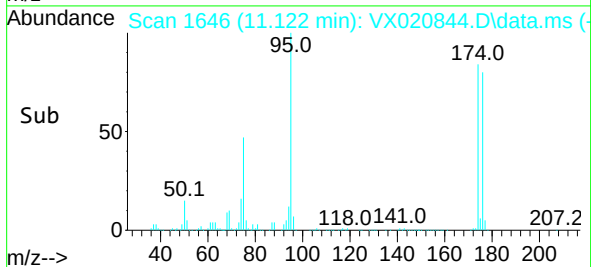
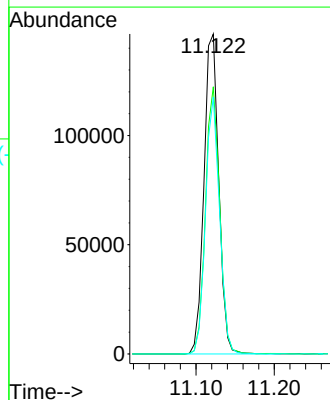
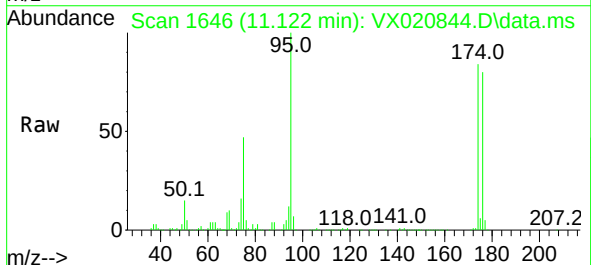
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-7-PD

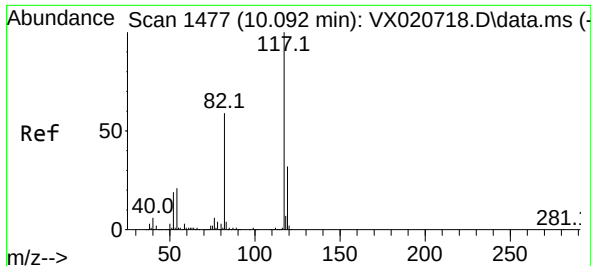
Tgt Ion:129 Resp: 1223
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 44.37 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020844.D
Acq: 03 Feb 2021 16:40

Tgt Ion: 95 Resp: 191480
Ion Ratio Lower Upper
95 100
174 80.5 0.0 154.6
176 76.5 0.0 155.8

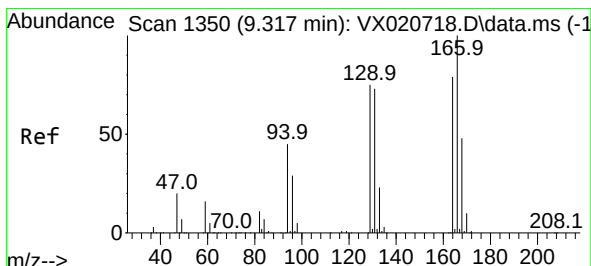
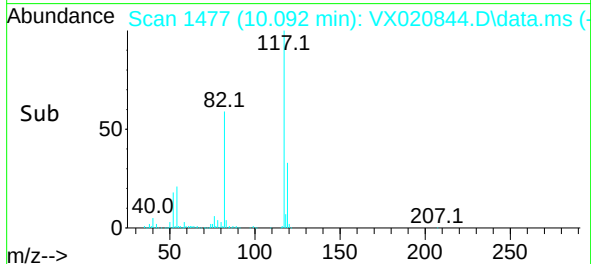
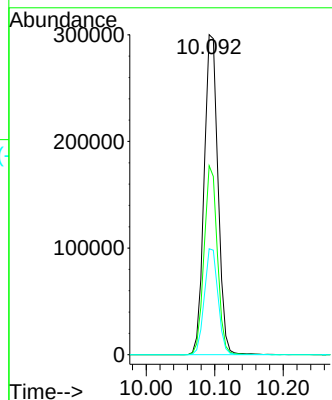
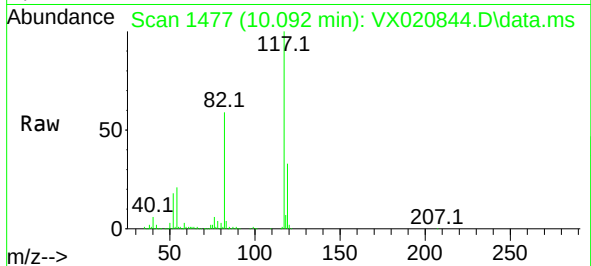




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020844.D
Acq: 03 Feb 2021 16:40

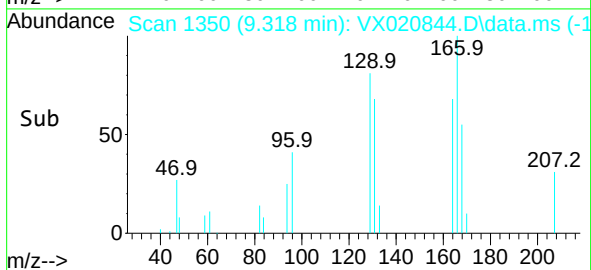
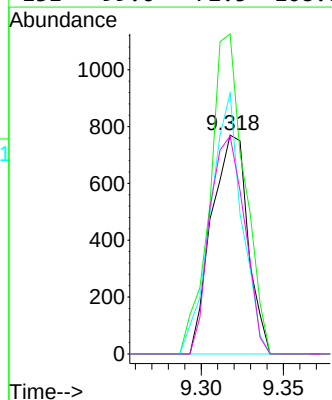
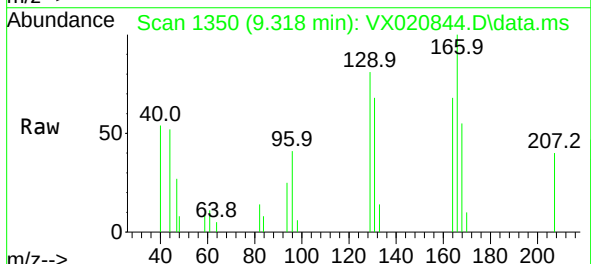
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-7-PD

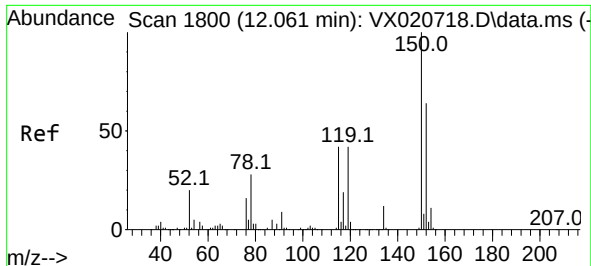
Tgt Ion:117 Resp: 422658
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 33.1 26.6 39.8



#64
Tetrachloroethene
Concen: 0.36 ug/l
RT: 9.318 min Scan# 1350
Delta R.T. 0.001 min
Lab File: VX020844.D
Acq: 03 Feb 2021 16:40

Tgt Ion:164 Resp: 1177
Ion Ratio Lower Upper
164 100
166 146.2 103.4 155.2
129 119.1 70.8 106.2#
131 99.6 72.5 108.7

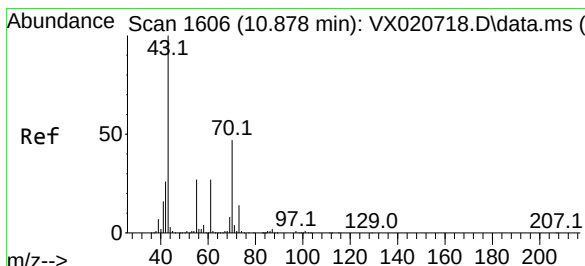
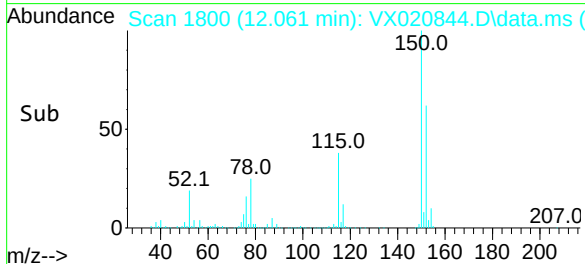
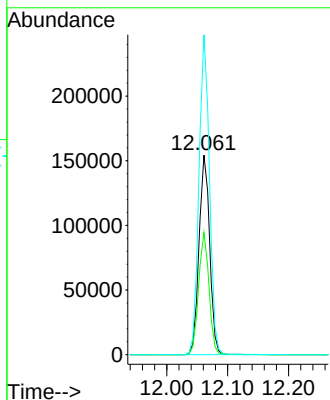
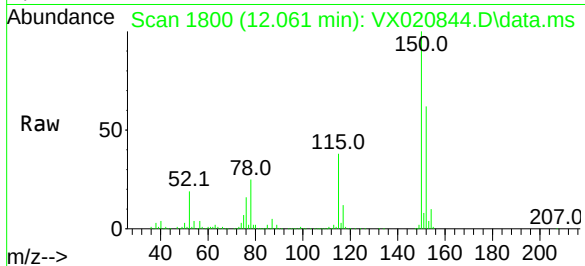




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020844.D
Acq: 03 Feb 2021 16:40

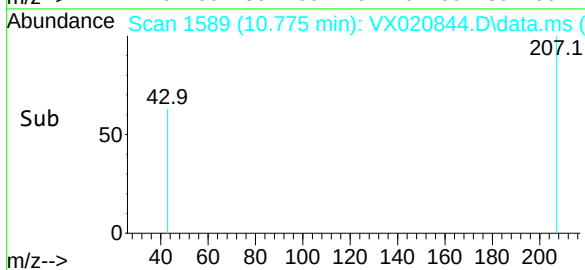
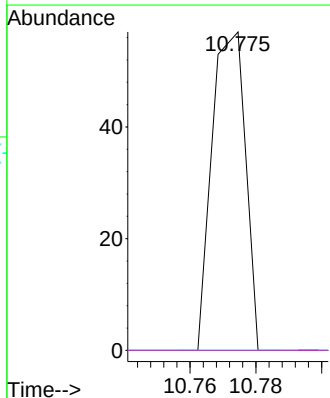
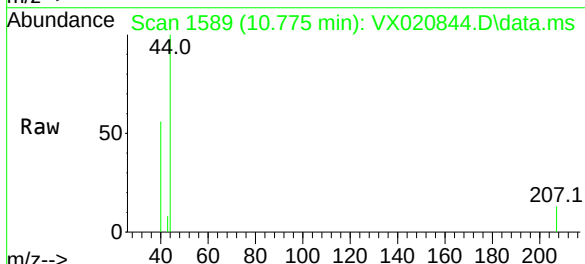
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-7-PD

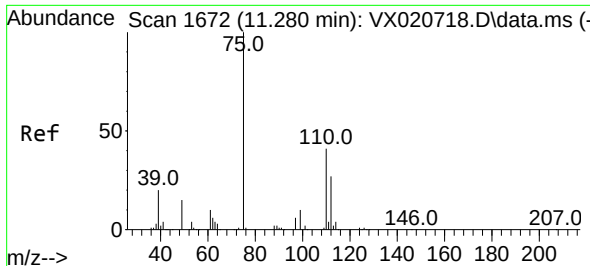
Tgt Ion:152 Resp: 187094
Ion Ratio Lower Upper
152 100
115 59.5 41.1 123.3
150 157.8 0.0 349.0



#74
N-ethyl acetate
Concen: 2.02 ug/l
RT: 10.775 min Scan# 1589
Delta R.T. -0.103 min
Lab File: VX020844.D
Acq: 03 Feb 2021 16:40

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#

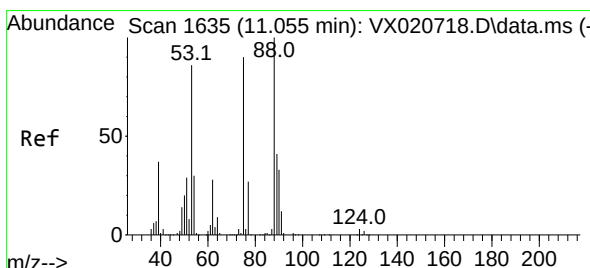
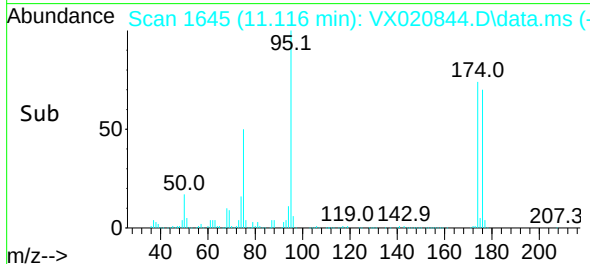
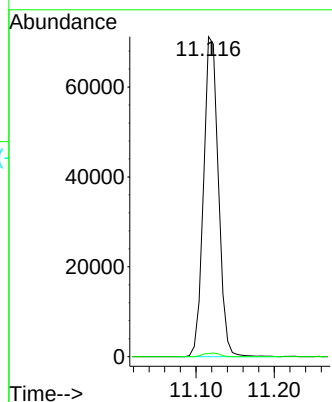
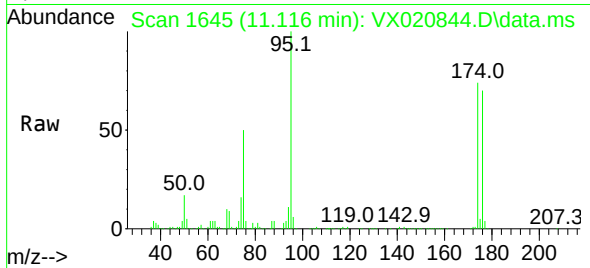




#76
1,2,3-Trichloropropane
Concen: 21.56 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020844.D
Acq: 03 Feb 2021 16:40

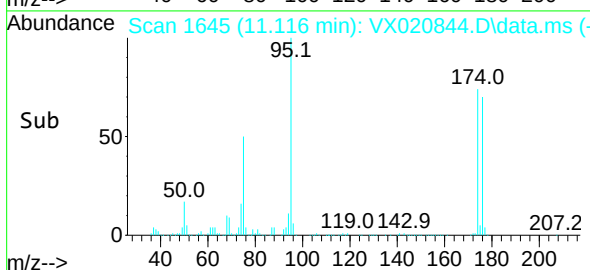
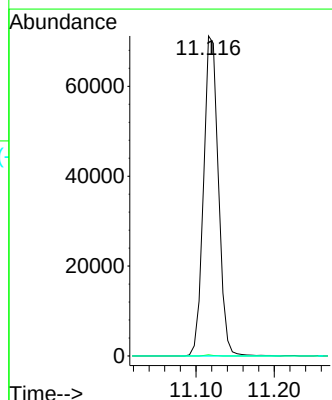
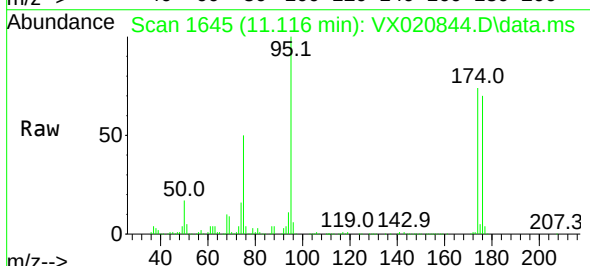
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-7-PD

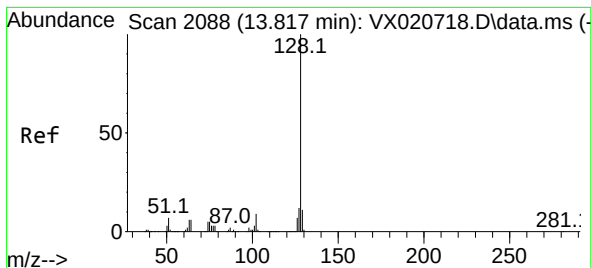
Tgt Ion: 75 Resp: 93547
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.41 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020844.D
Acq: 03 Feb 2021 16:40

Tgt Ion: 75 Resp: 93547
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 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: VX020844.D
Acq: 03 Feb 2021 16:40

Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-7-PD

Tgt Ion:128 Resp: 96
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

