

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020321\
 Data File : VX020845.D
 Acq On : 03 Feb 2021 17:04
 Operator : JC/SP
 Sample : M1289-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Feb 04 02:24:51 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)

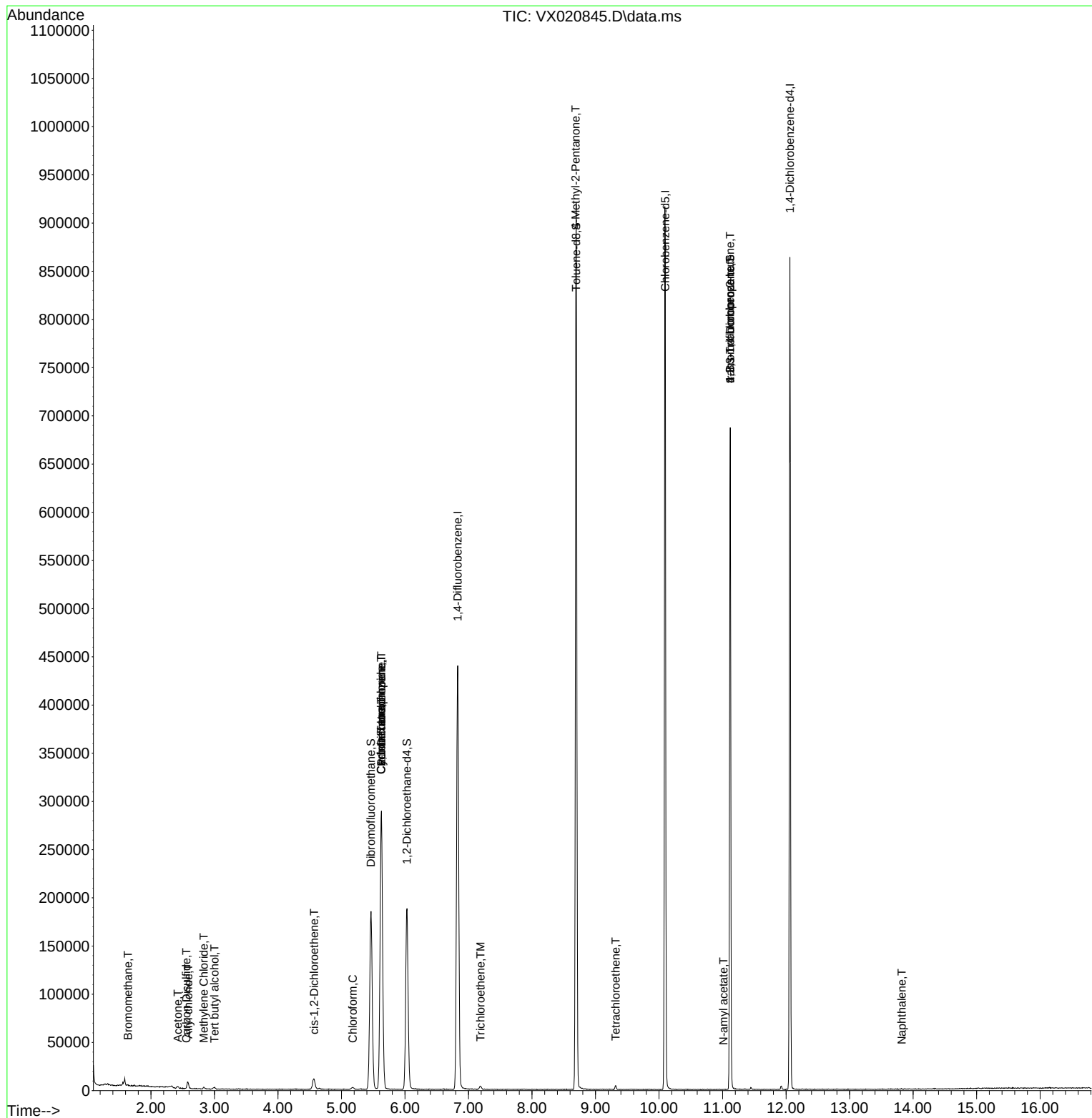
Internal Standards						
1) Pentafluorobenzene	5.629	168	262963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	452025	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	430440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	178443	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	183486	51.16	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.32%	
35) Dibromofluoromethane	5.464	113	160363	51.79	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.58%	
50) Toluene-d8	8.696	98	559350	49.28	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.56%	
62) 4-Bromofluorobenzene	11.122	95	188153	42.68	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 85.36%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	366	0.21	ug/l #	78
11) Tert butyl alcohol	3.001	59	1357	2.03	ug/l #	73
14) Allyl chloride	2.587	41	1027	0.22	ug/l #	72
16) Acetone	2.422	43	2513	1.85	ug/l	90
17) Carbon Disulfide	2.556	76	290	0.94	ug/l #	75
20) Methylene Chloride	2.831	84	808	0.24	ug/l #	75
27) cis-1,2-Dichloroethene	4.568	96	7568	2.19	ug/l	89
30) Chloroform	5.178	83	2582	0.45	ug/l #	71
31) Cyclohexane	5.623	56	4878	1.01	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	20228	4.46	ug/l #	49
38) Carbon Tetrachloride	5.623	117	27216	5.71	ug/l #	17
44) Trichloroethene	7.190	130	1413	0.40	ug/l	96
51) 4-Methyl-2-Pentanone	8.689	43	2048	0.47	ug/l #	1
64) Tetrachloroethene	9.317	164	770	0.23	ug/l #	66
74) N-amyl acetate	11.012	43	23	2.02	ug/l #	38
76) 1,2,3-Trichloropropane	11.122	75	91087	22.01	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	91087	61.67	ug/l #	12
95) Naphthalene	13.823	128	158	2.88	ug/l #	69

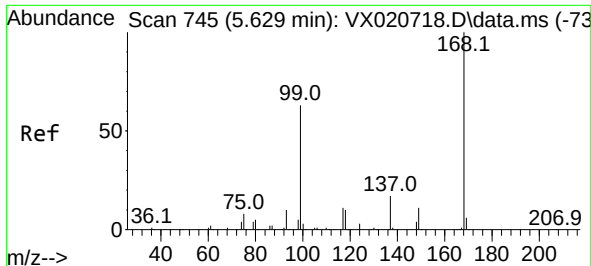
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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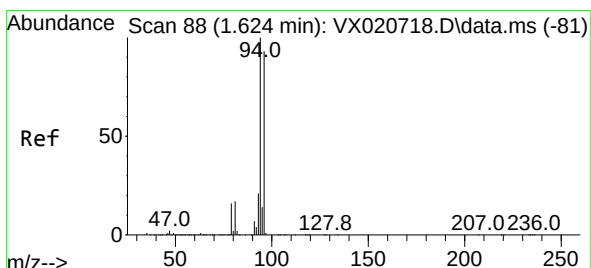
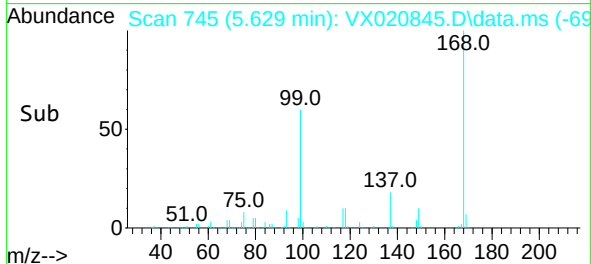
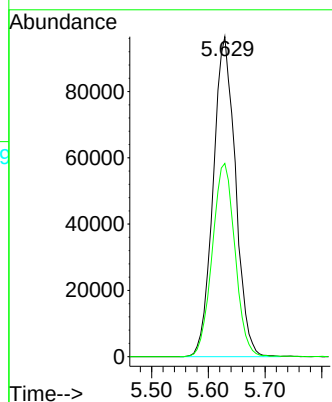
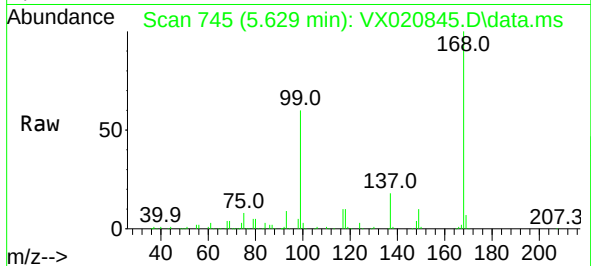




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020845.D
Acq: 03 Feb 2021 17:04

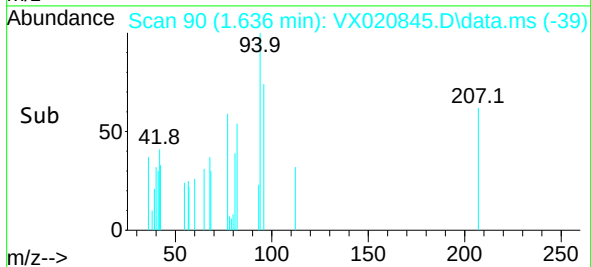
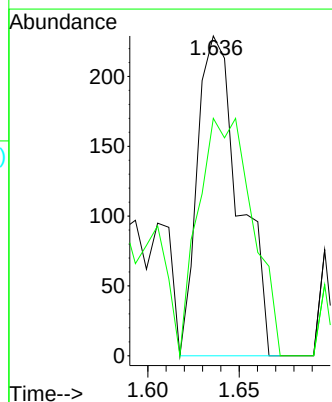
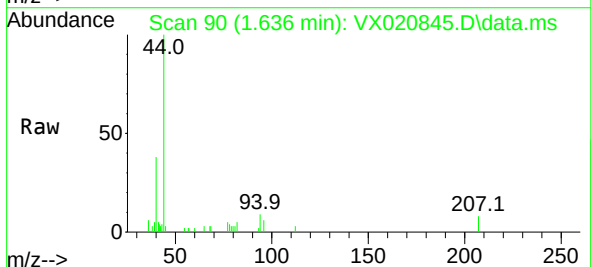
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-8-PS

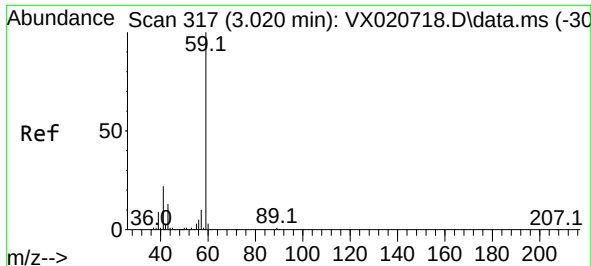
Tgt Ion:168 Resp: 262963
Ion Ratio Lower Upper
168 100
99 60.4 45.8 68.6



#5
Bromomethane
Concen: 0.21 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020845.D
Acq: 03 Feb 2021 17:04

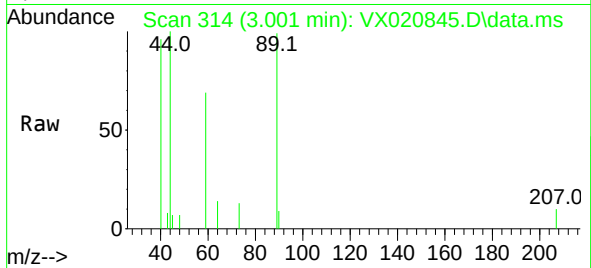
Tgt Ion: 94 Resp: 366
Ion Ratio Lower Upper
94 100
96 74.2 76.4 114.6#



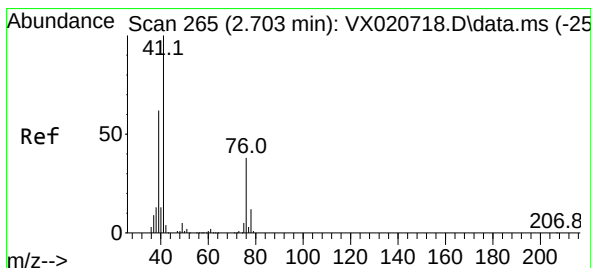
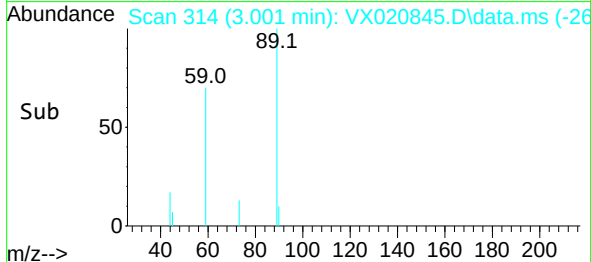
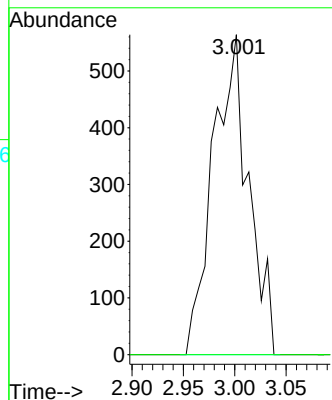


#11
Tert butyl alcohol
Concen: 2.03 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.019 min
Lab File: VX020845.D
Acq: 03 Feb 2021 17:04

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

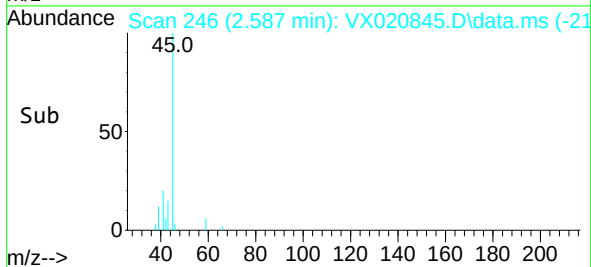
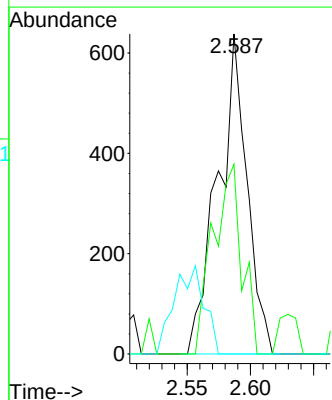
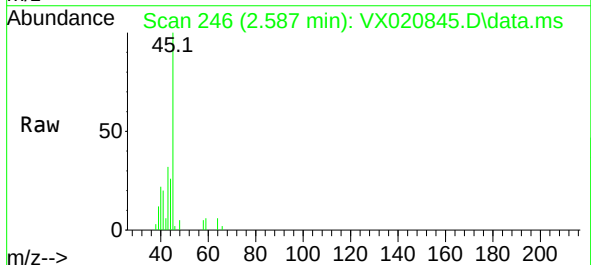


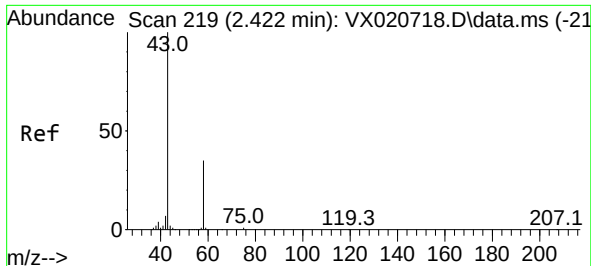
Tgt Ion: 59 Resp: 1357
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#14
Allyl chloride
Concen: 0.22 ug/l
RT: 2.587 min Scan# 246
Delta R.T. -0.116 min
Lab File: VX020845.D
Acq: 03 Feb 2021 17:04

Tgt Ion: 41 Resp: 1027
Ion Ratio Lower Upper
41 100
39 58.3 51.6 77.4
76 0.0 30.5 45.7#

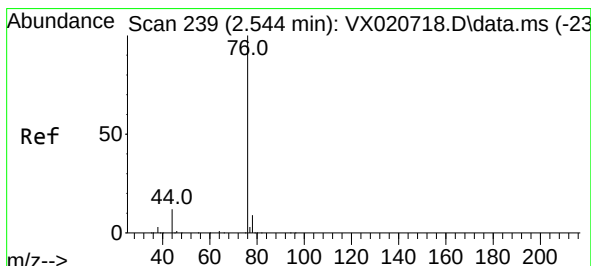
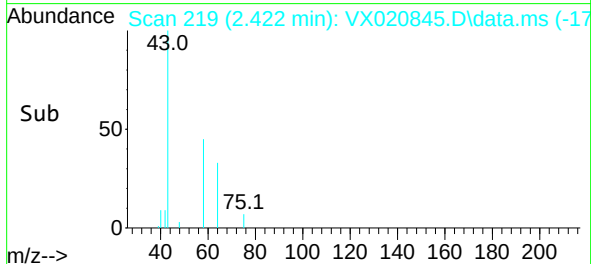
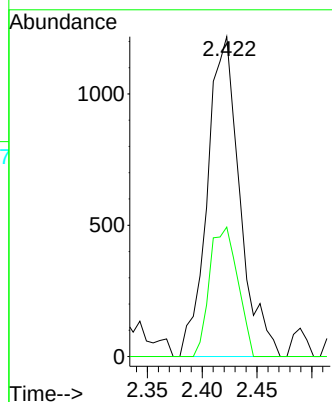
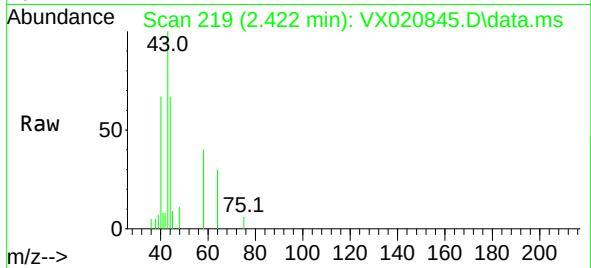




#16
Acetone
Concen: 1.85 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX020845.D
Acq: 03 Feb 2021 17:04

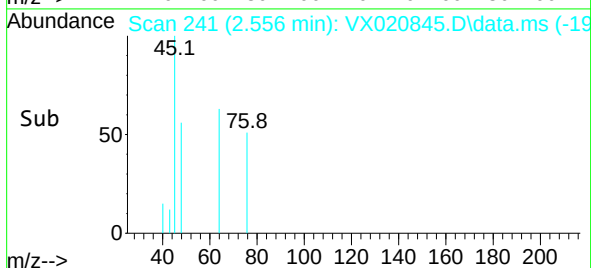
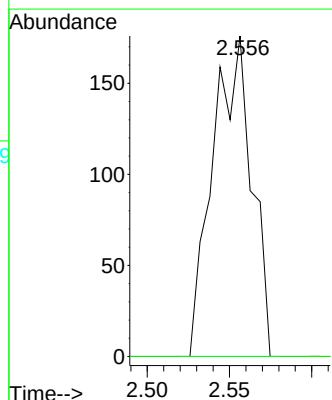
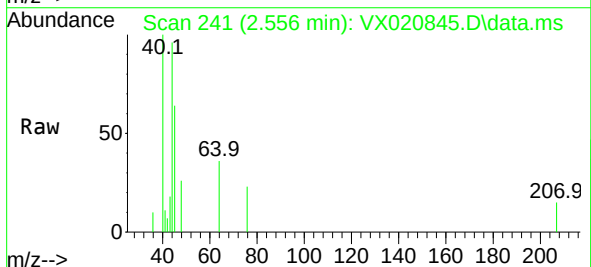
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-8-PS

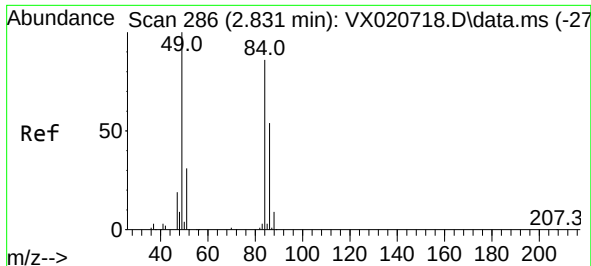
Tgt Ion: 43 Resp: 2513
Ion Ratio Lower Upper
43 100
58 40.5 27.8 41.8



#17
Carbon Disulfide
Concen: 0.94 ug/l
RT: 2.556 min Scan# 241
Delta R.T. 0.012 min
Lab File: VX020845.D
Acq: 03 Feb 2021 17:04

Tgt Ion: 76 Resp: 290
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.24 ug/l

RT: 2.831 min Scan# 286

Delta R.T. -0.000 min

Lab File: VX020845.D

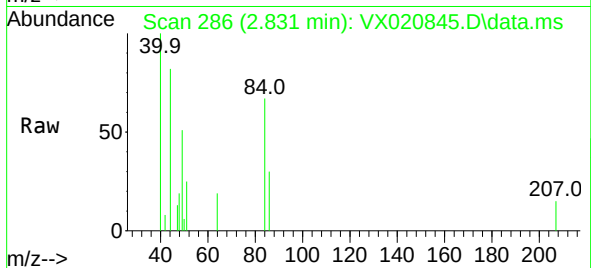
Acq: 03 Feb 2021 17:04

Instrument :

MSVOA_X

ClientSampleId :

152140-DDC-8-PS



Tgt Ion: 84 Resp: 808

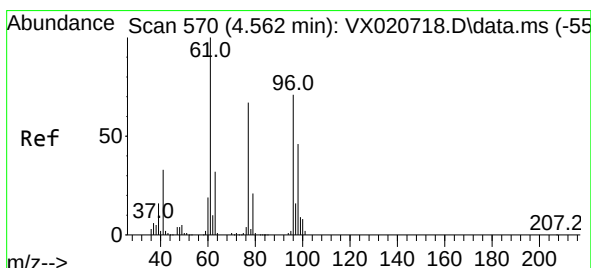
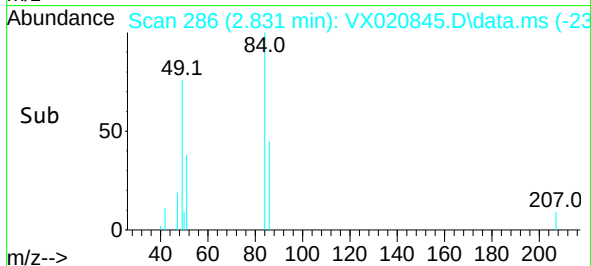
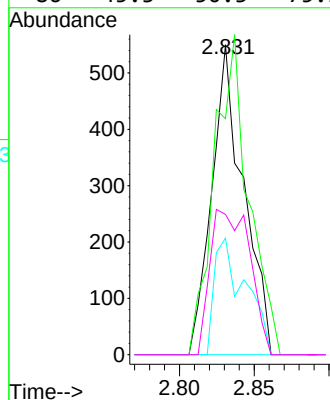
Ion Ratio Lower Upper

84 100

49 76.2 88.6 132.8#

51 37.6 27.0 40.6

86 45.3 50.3 75.5#



#27

cis-1,2-Dichloroethene

Concen: 2.19 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX020845.D

Acq: 03 Feb 2021 17:04

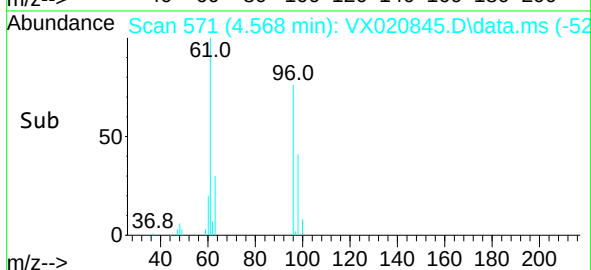
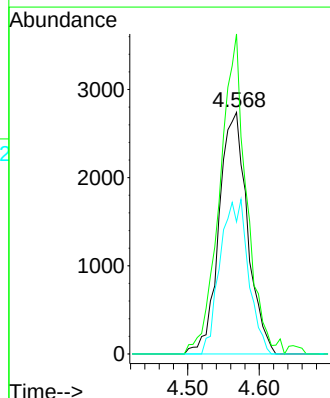
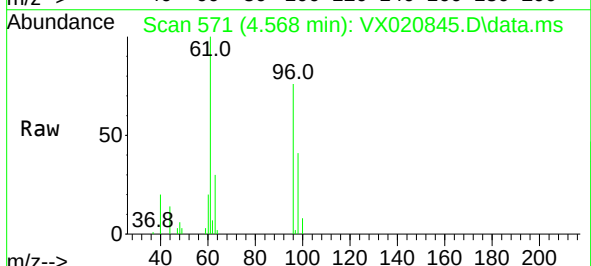
Tgt Ion: 96 Resp: 7568

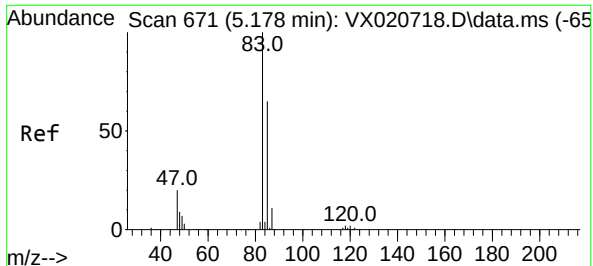
Ion Ratio Lower Upper

96 100

61 124.2 0.0 285.6

98 63.4 0.0 129.6





#30

Chloroform

Concen: 0.45 ug/l

RT: 5.178 min Scan# 671

Delta R.T. -0.000 min

Lab File: VX020845.D

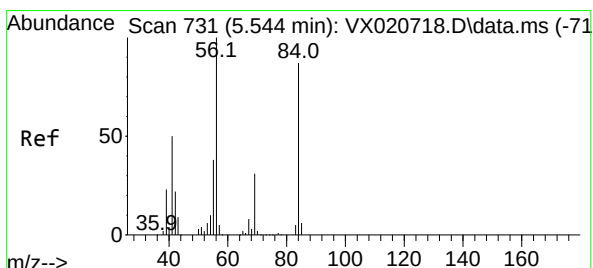
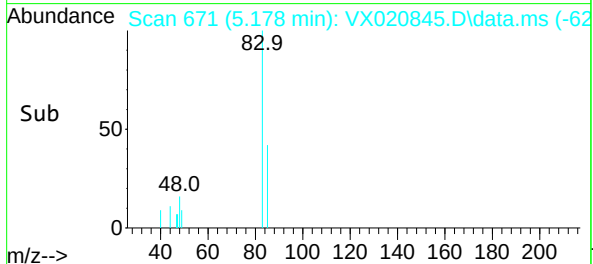
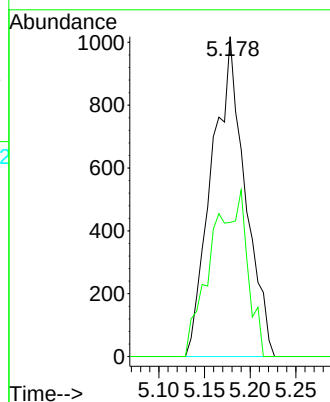
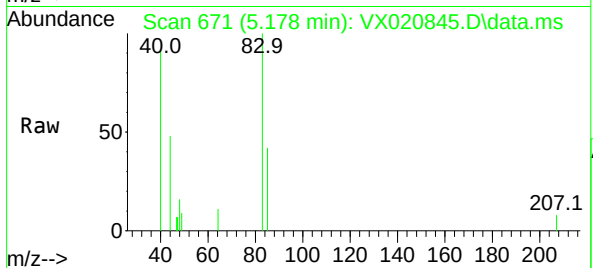
Acq: 03 Feb 2021 17:04

Tgt Ion: 83 Resp: 2582

Ion Ratio Lower Upper

83 100

85 41.9 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: VX020845.D

Acq: 03 Feb 2021 17:04

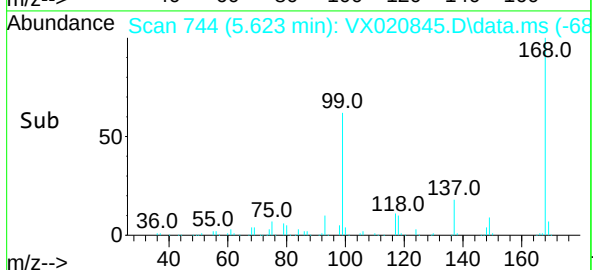
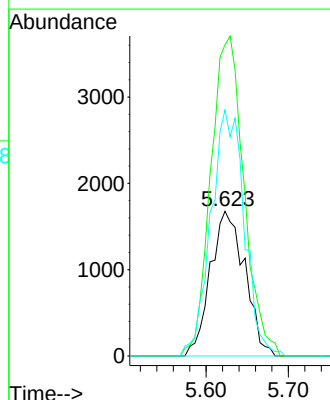
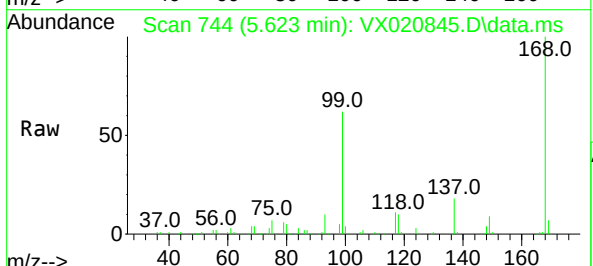
Tgt Ion: 56 Resp: 4878

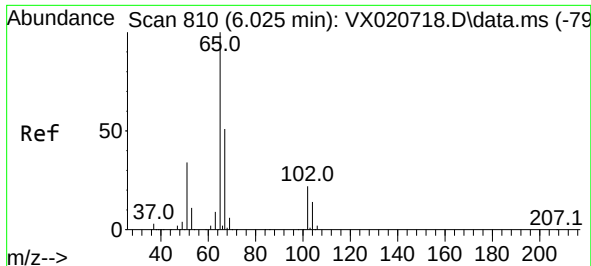
Ion Ratio Lower Upper

56 100

69 215.1 25.3 37.9#

84 169.9 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.16 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020845.D

Acq: 03 Feb 2021 17:04

Tgt Ion: 65 Resp: 183486

Ion Ratio Lower Upper

65 100

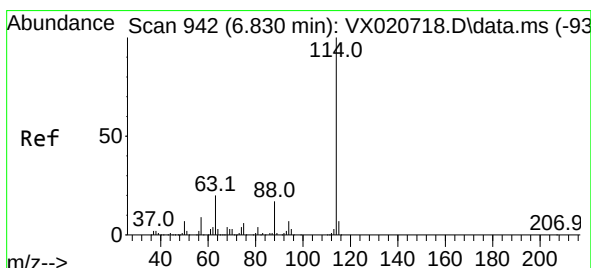
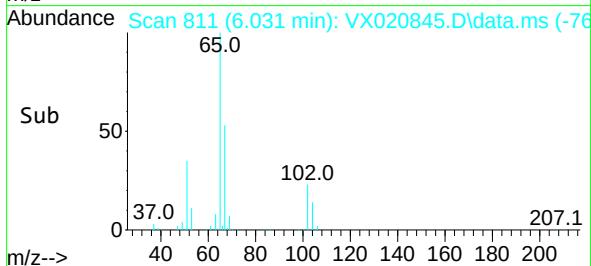
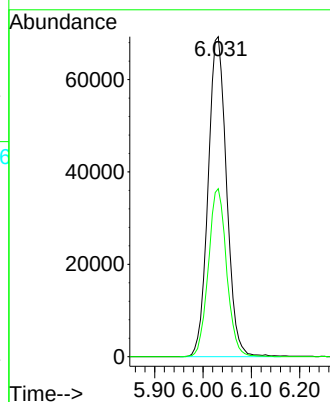
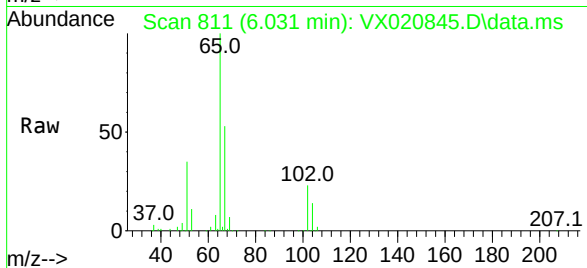
67 52.0 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

152140-DDC-8-PS



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.000 min

Lab File: VX020845.D

Acq: 03 Feb 2021 17:04

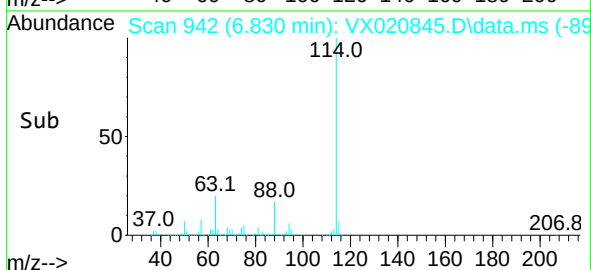
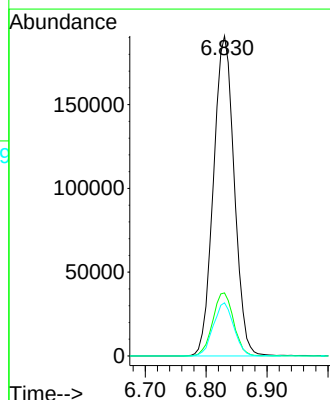
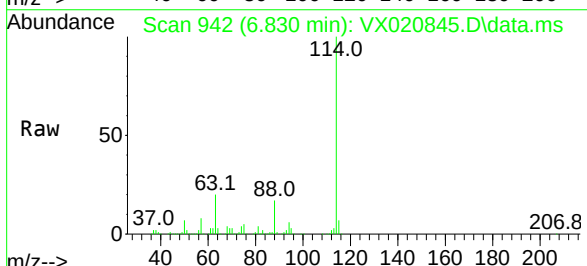
Tgt Ion: 114 Resp: 452025

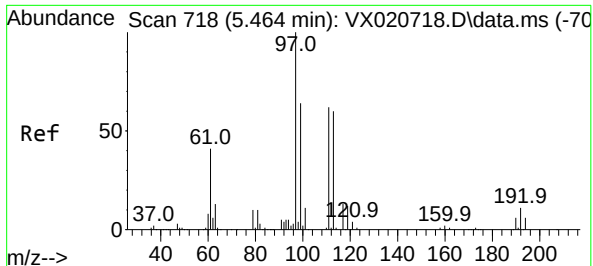
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

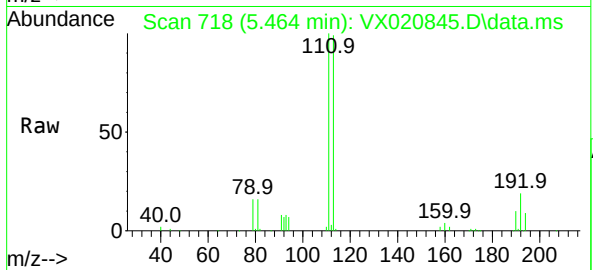
88 16.6 0.0 32.8



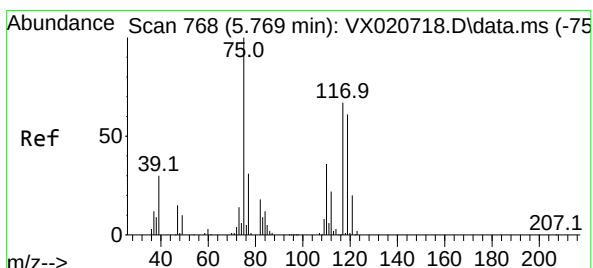
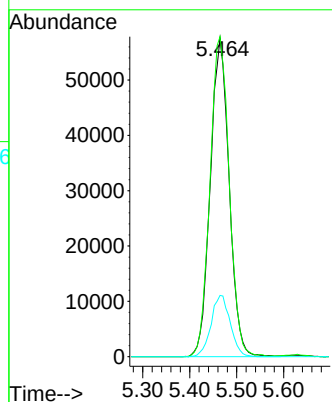
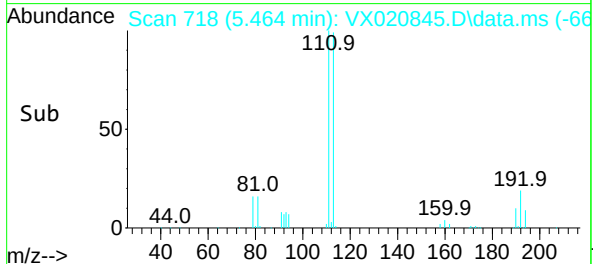


#35
Dibromofluoromethane
Concen: 51.79 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020845.D
Acq: 03 Feb 2021 17:04

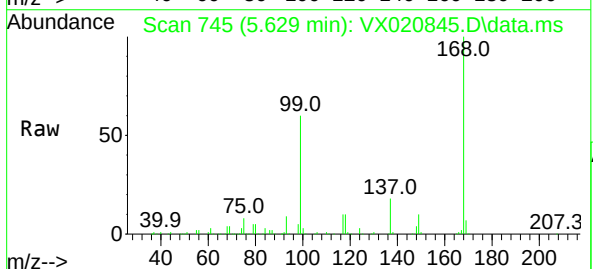
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-8-PS



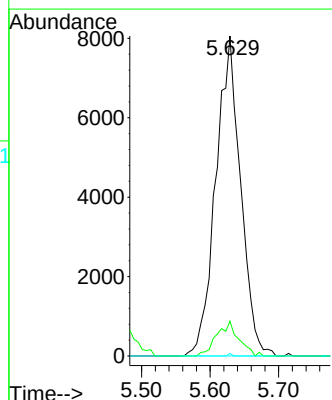
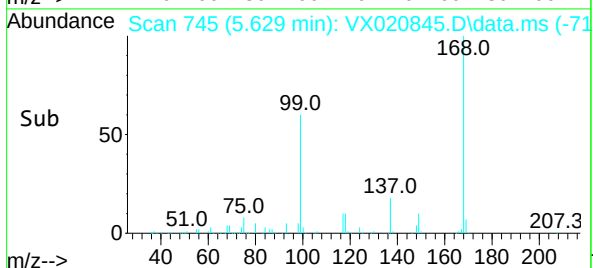
Tgt Ion:113 Resp: 160363
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 19.6 16.7 25.1

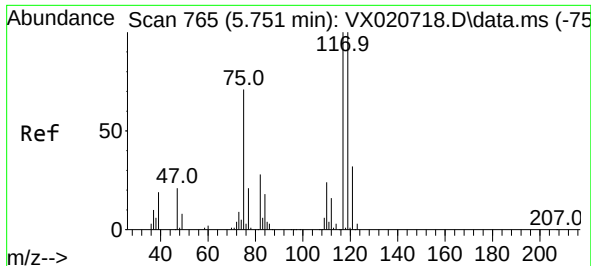


#36
1,1-Dichloropropene
Concen: 4.46 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020845.D
Acq: 03 Feb 2021 17:04



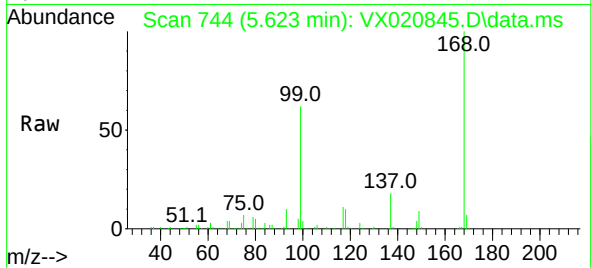
Tgt Ion: 75 Resp: 20228
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.1 25.3 37.9#



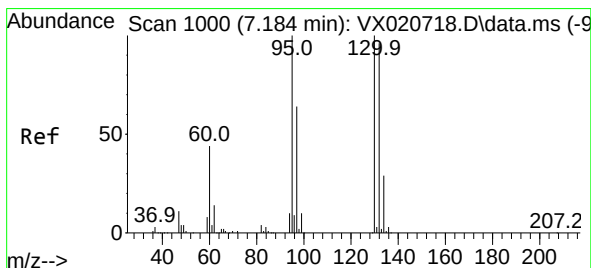
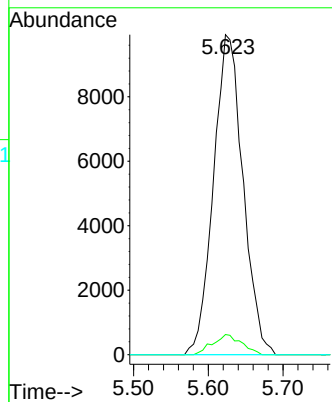
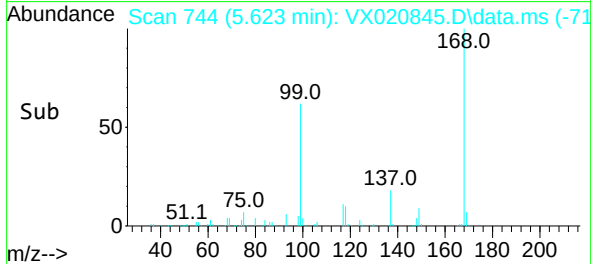


#38
Carbon Tetrachloride
Concen: 5.71 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020845.D
Acq: 03 Feb 2021 17:04

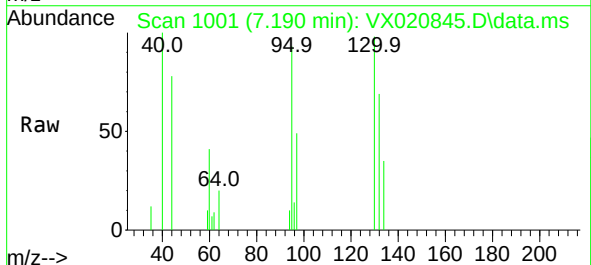
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-8-PS



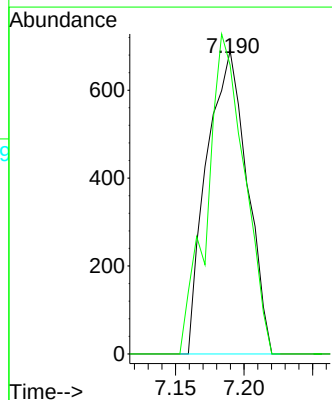
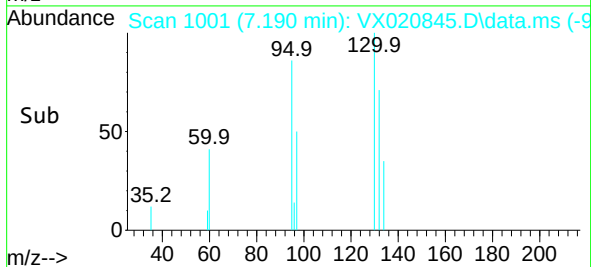
Tgt Ion:117 Resp: 27216
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.2#
121 0.0 24.8 37.2#

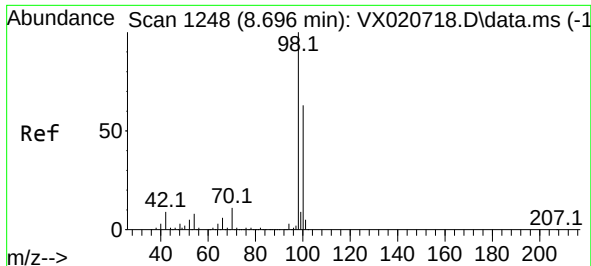


#44
Trichloroethene
Concen: 0.40 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020845.D
Acq: 03 Feb 2021 17:04



Tgt Ion:130 Resp: 1413
Ion Ratio Lower Upper
130 100
95 95.2 0.0 198.0

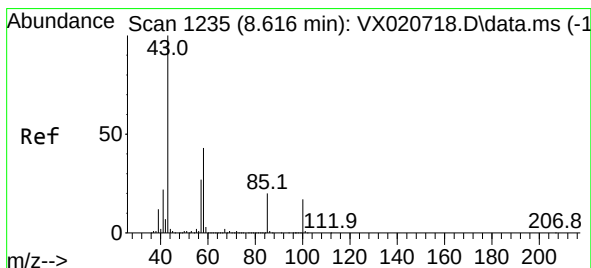
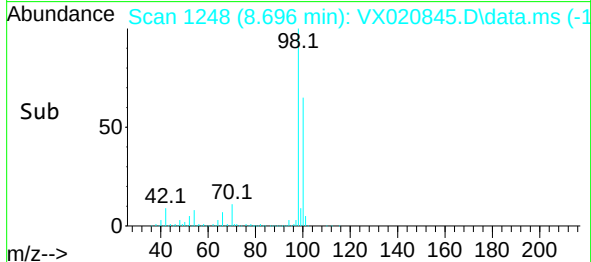
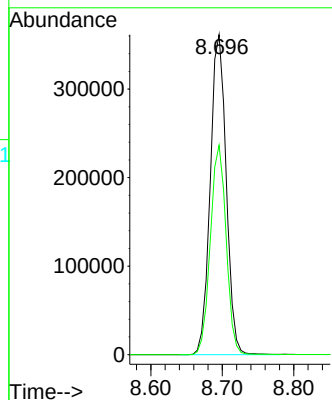
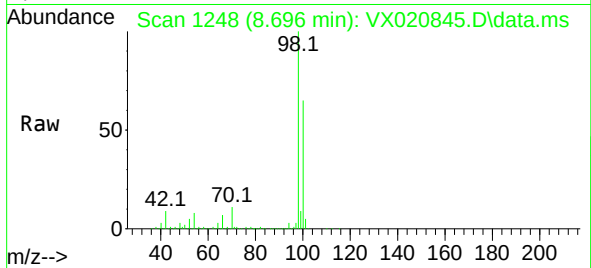




#50
Toluene-d8
Concen: 49.28 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020845.D
Acq: 03 Feb 2021 17:04

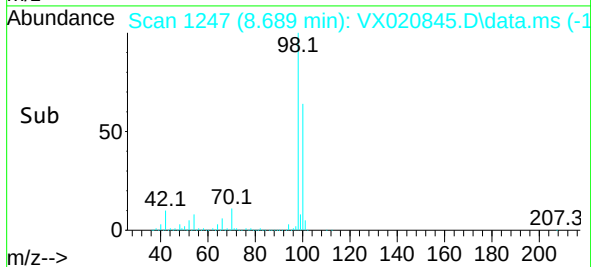
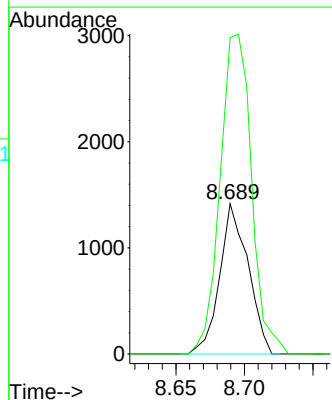
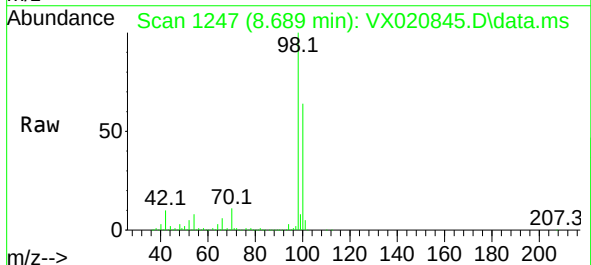
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-8-PS

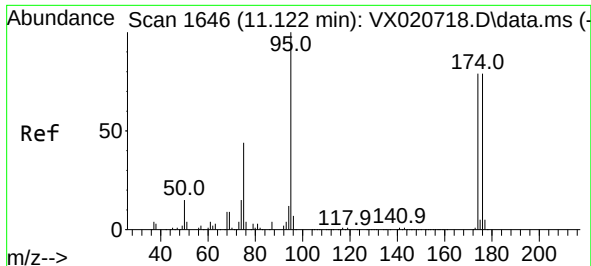
Tgt Ion: 98 Resp: 559350
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.47 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. 0.073 min
Lab File: VX020845.D
Acq: 03 Feb 2021 17:04

Tgt Ion: 43 Resp: 2048
Ion Ratio Lower Upper
43 100
58 234.9 35.4 53.0#

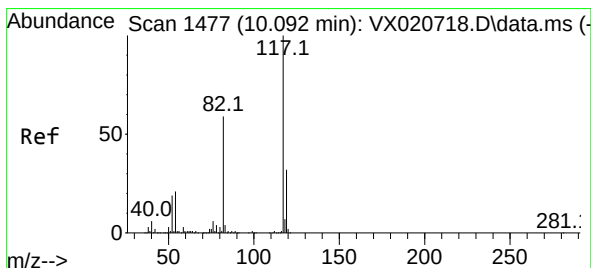
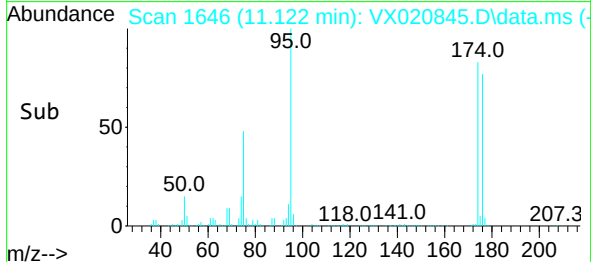
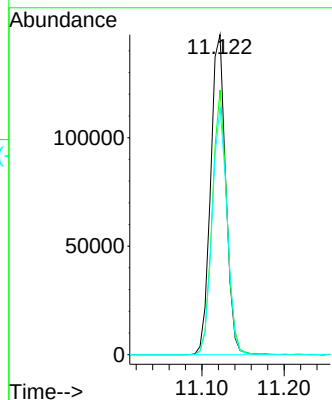
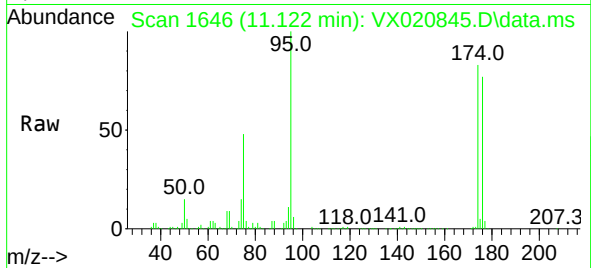




#62
4-Bromofluorobenzene
Concen: 42.68 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020845.D
Acq: 03 Feb 2021 17:04

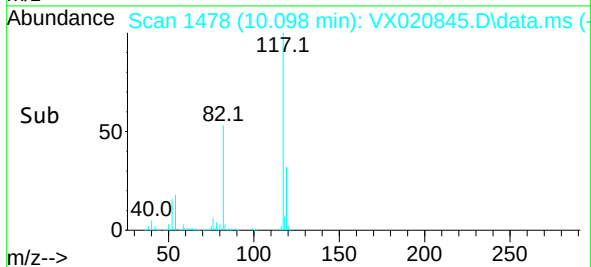
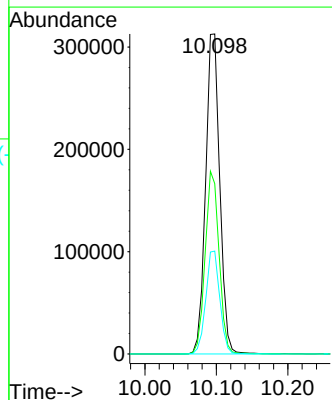
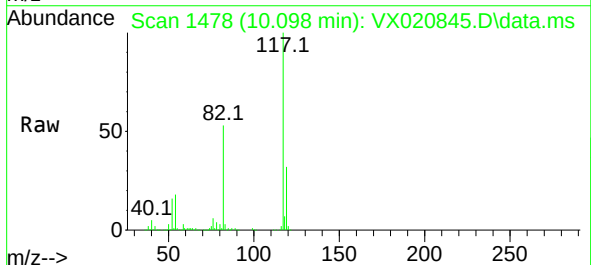
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-8-PS

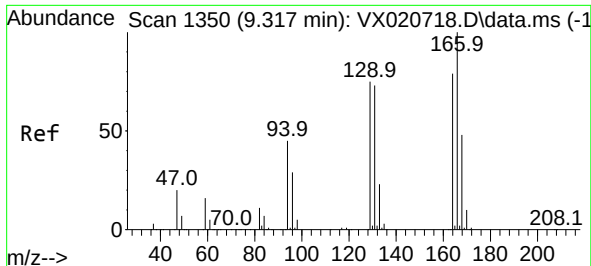
Tgt Ion: 95 Resp: 188153
Ion Ratio Lower Upper
95 100
174 80.2 0.0 154.6
176 76.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020845.D
Acq: 03 Feb 2021 17:04

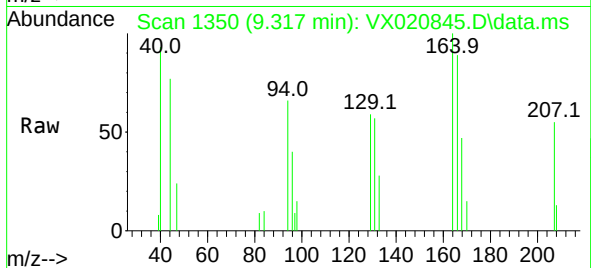
Tgt Ion: 117 Resp: 430440
Ion Ratio Lower Upper
117 100
82 53.2 47.4 71.2
119 32.2 26.6 39.8



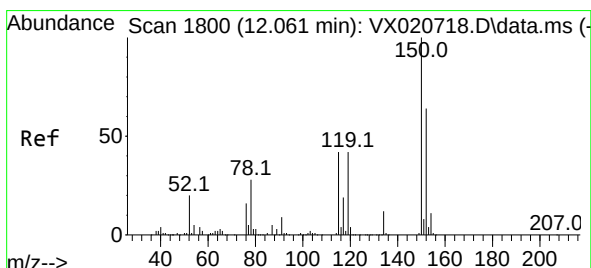
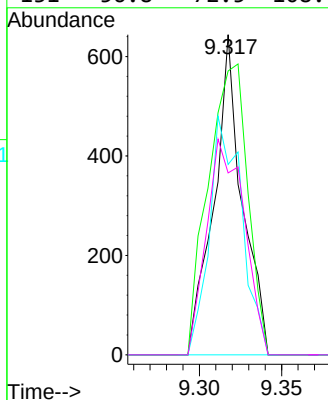
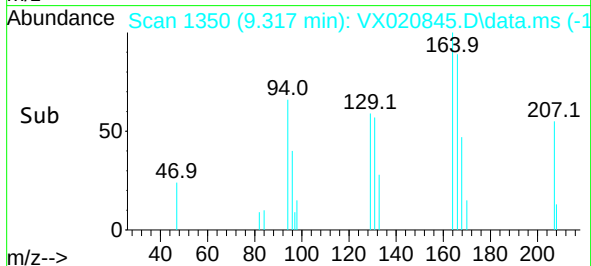


#64
Tetrachloroethene
Concen: 0.23 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020845.D
Acq: 03 Feb 2021 17:04

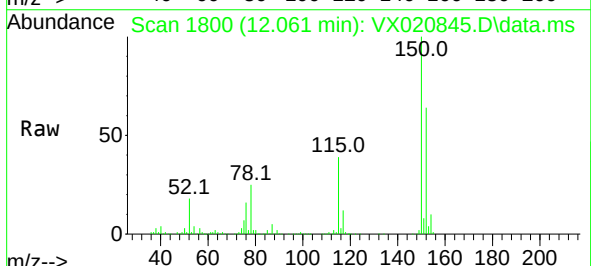
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-8-PS



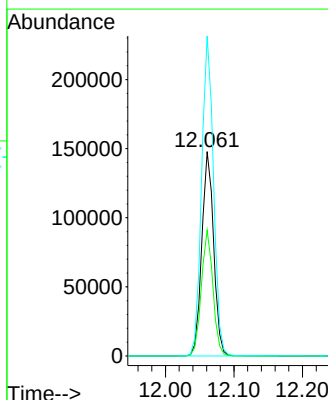
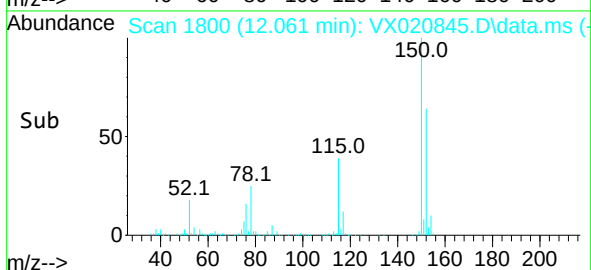
Tgt Ion:164 Resp: 770
Ion Ratio Lower Upper
164 100
166 88.7 103.4 155.2#
129 59.5 70.8 106.2#
131 56.8 72.5 108.7#

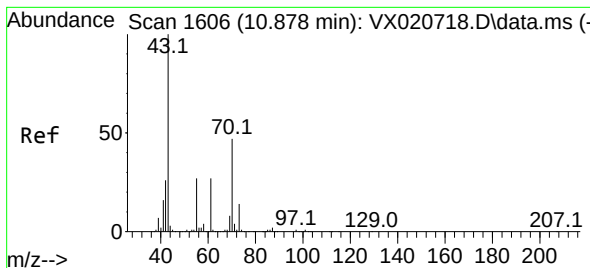


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020845.D
Acq: 03 Feb 2021 17:04



Tgt Ion:152 Resp: 178443
Ion Ratio Lower Upper
152 100
115 60.0 41.1 123.3
150 156.8 0.0 349.0

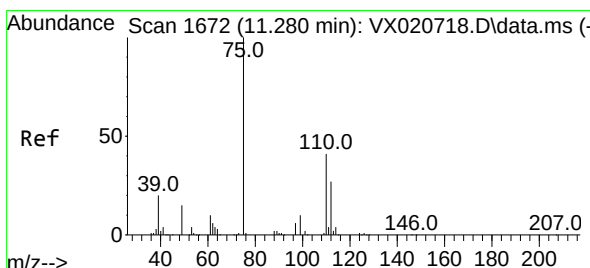
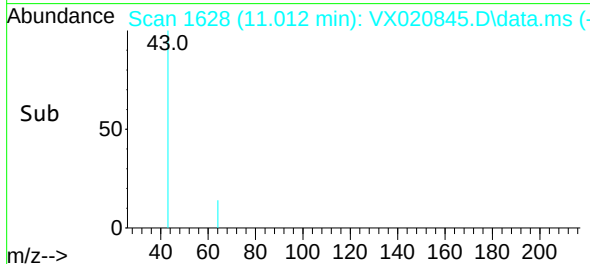
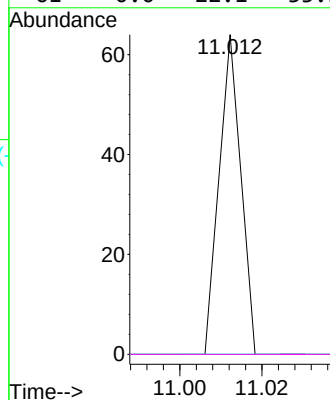
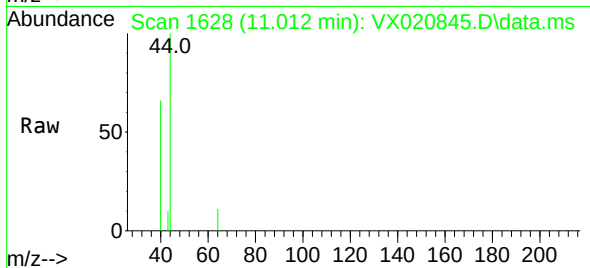




#74
N-amy1 acetate
Concen: 2.02 ug/l
RT: 11.012 min Scan# 1628
Delta R.T. 0.134 min
Lab File: VX020845.D
Acq: 03 Feb 2021 17:04

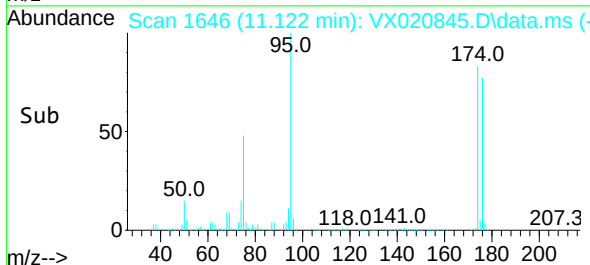
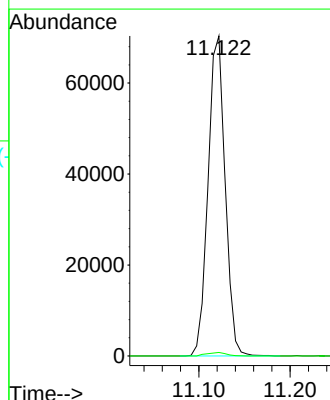
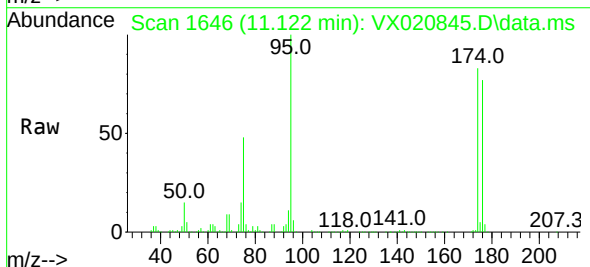
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-8-PS

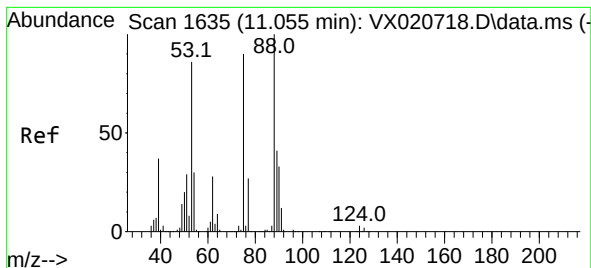
Tgt Ion: 43	Resp:	23
Ion	Ratio	Lower Upper
43	100	
70	0.0	39.0 58.6#
55	0.0	21.5 32.3#
61	0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 22.01 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020845.D
Acq: 03 Feb 2021 17:04

Tgt Ion: 75	Resp:	91087
Ion	Ratio	Lower Upper
75	100	
77	1.3	19.1 57.5#

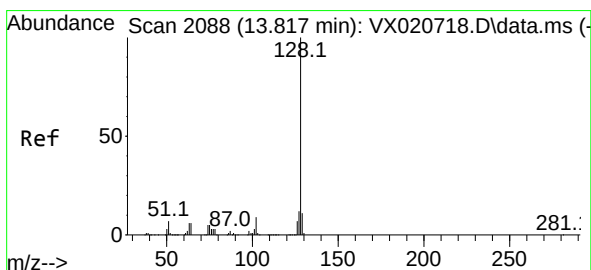
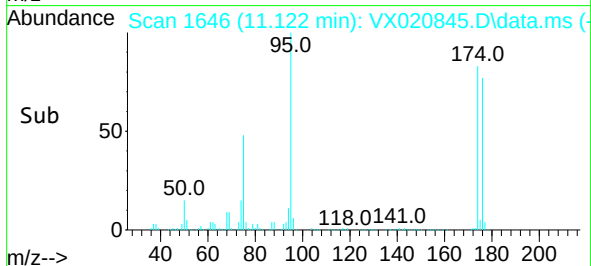
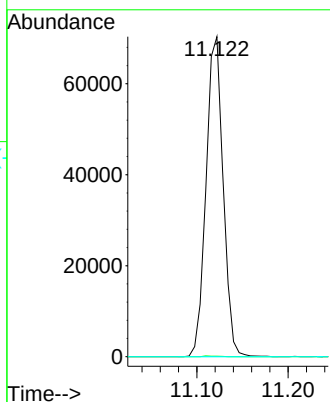
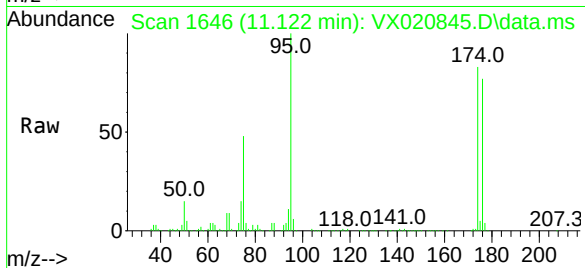




#81
trans-1,4-Dichloro-2-butene
Concen: 61.67 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020845.D
Acq: 03 Feb 2021 17:04

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

Tgt Ion: 75 Resp: 91087
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: VX020845.D
Acq: 03 Feb 2021 17:04

Tgt Ion: 128 Resp: 158
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

