

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021599.D
 Acq On : 30 Mar 2021 00:40
 Operator : JC/MD
 Sample : M1843-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 30 05:22:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

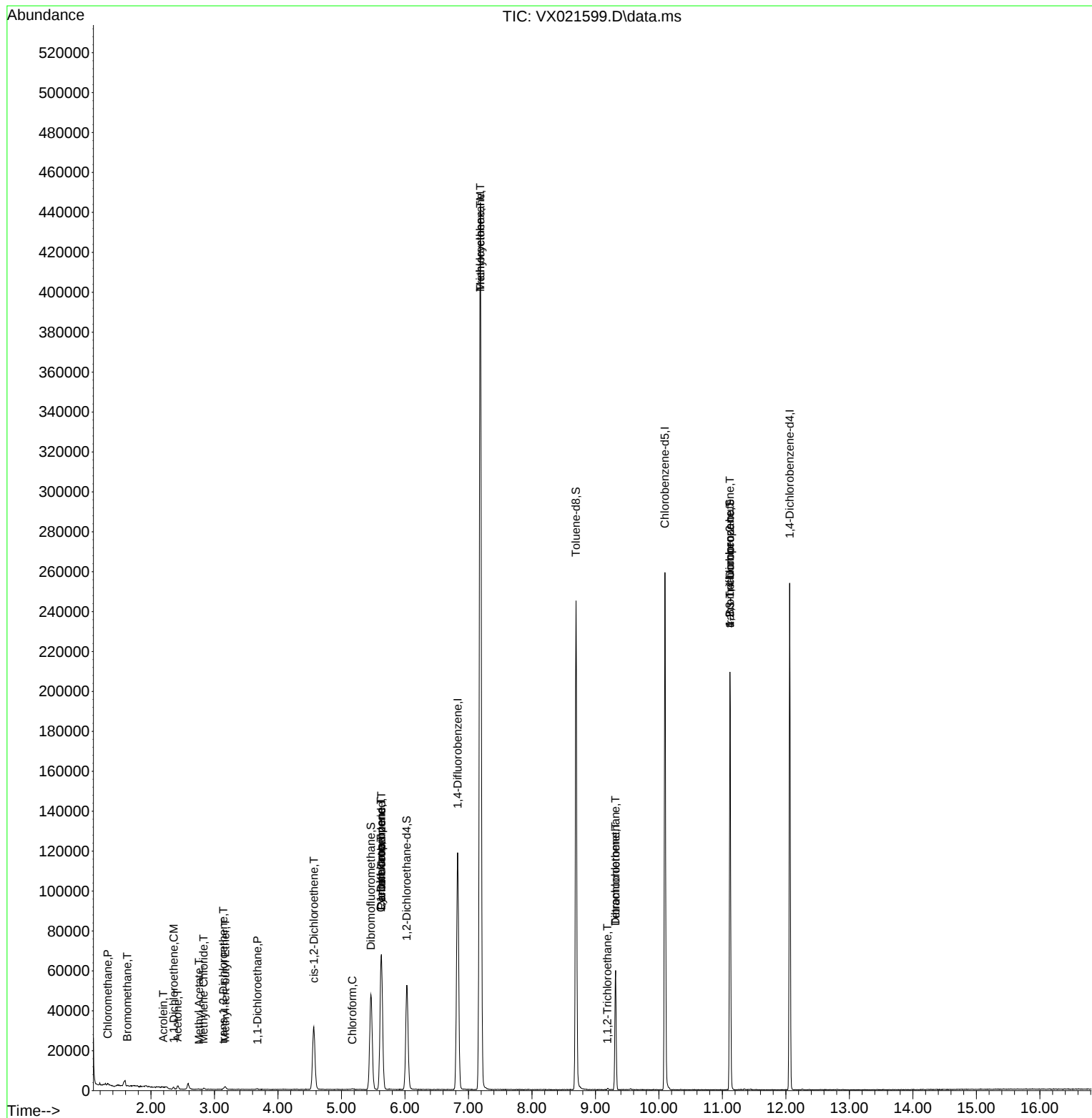
Internal Standards						
1) Pentafluorobenzene	5.629	168	59440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	109979	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	108995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	46149	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	52138	52.72	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.44%
35) Dibromofluoromethane	5.464	113	39311	50.32	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.64%
50) Toluene-d8	8.694	98	135572	48.70	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.40%
62) 4-Bromofluorobenzene	11.118	95	53803	49.71	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.42%
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	1463	1.99	ug/l	97
5) Bromomethane	1.628	94	128	0.48	ug/l #	79
12) 1,1-Dichloroethene	2.358	96	333	0.56	ug/l #	73
13) Acrolein	2.193	56	37	4.74	ug/l	90
16) Acetone	2.417	43	1635	4.37	ug/l	98
18) Methyl Acetate	2.758	43	240	0.22	ug/l #	47
19) Methyl tert-butyl Ether	3.170	73	1230	0.55	ug/l #	90
20) Methylene Chloride	2.829	84	261	0.36	ug/l #	76
21) trans-1,2-Dichloroethene	3.140	96	140	0.21	ug/l #	53
24) 1,1-Dichloroethane	3.676	63	480	0.38	ug/l #	81
27) cis-1,2-Dichloroethene	4.564	96	18709	24.49	ug/l	97
30) Chloroform	5.170	83	278	0.21	ug/l	90
31) Cyclohexane	5.623	56	1644	1.51	ug/l #	24
36) 1,1-Dichloropropene	5.623	75	5362	4.98	ug/l #	48
38) Carbon Tetrachloride	5.629	117	6502	5.61	ug/l #	17
39) Methylcyclohexane	7.188	83	2218	1.86	ug/l #	1
44) Trichloroethene	7.188	130	153544	190.14	ug/l	97
55) 1,1,2-Trichloroethane	9.188	97	252	0.32	ug/l #	53
60) Dibromochloromethane	9.318	129	10304	11.53	ug/l #	11
64) Tetrachloroethene	9.318	164	10360	14.19	ug/l	96
76) 1,2,3-Trichloropropane	11.118	75	29700	27.64	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	29700	84.20	ug/l #	12

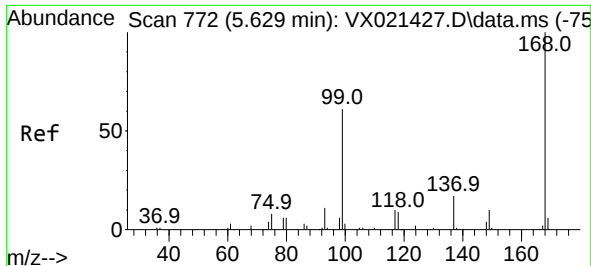
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021599.D
Acq On : 30 Mar 2021 00:40
Operator : JC/MD
Sample : M1843-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 30 05:22:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration

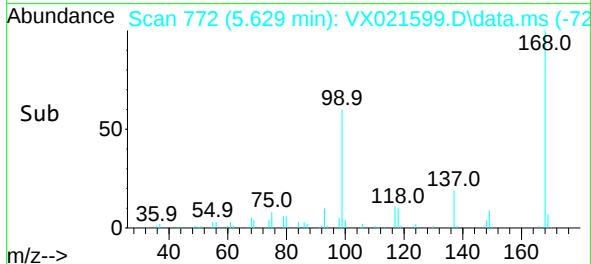
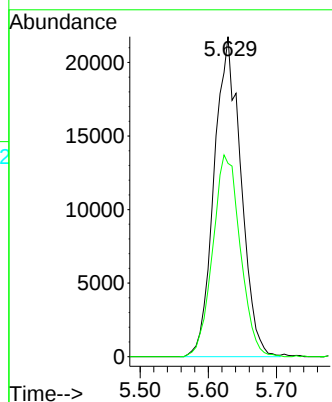
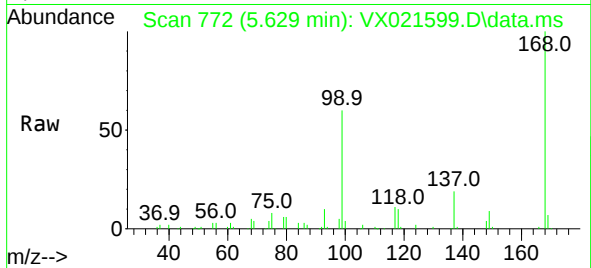




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021599.D
Acq: 30 Mar 2021 00:40

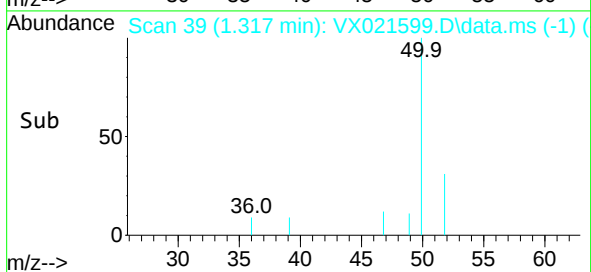
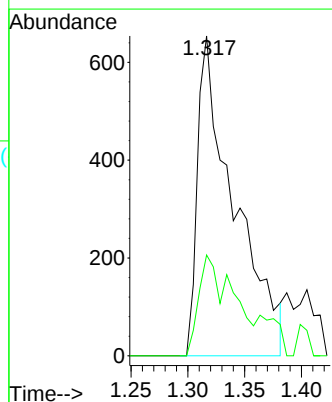
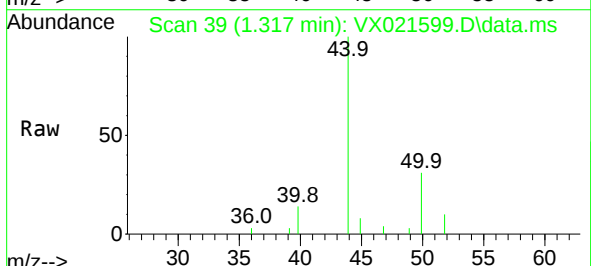
Instrument :
MSVOA_X
ClientSampleId :

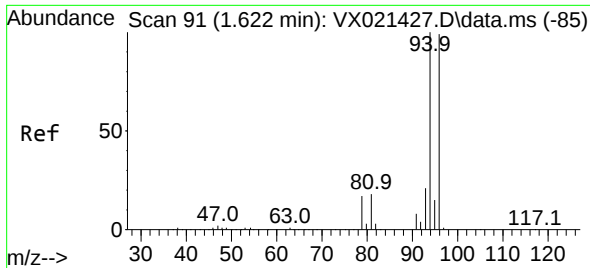
Tgt Ion:168 Resp: 59440
Ion Ratio Lower Upper
168 100
99 60.4 45.8 68.6



#3
Chloromethane
Concen: 1.99 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021599.D
Acq: 30 Mar 2021 00:40

Tgt Ion: 50 Resp: 1463
Ion Ratio Lower Upper
50 100
52 31.5 26.4 39.6

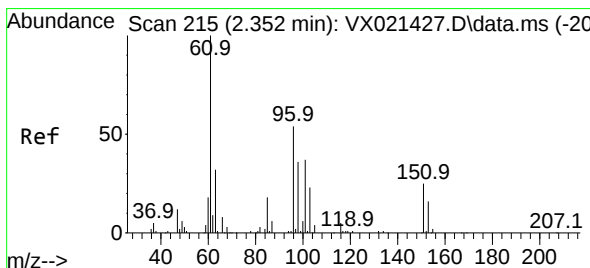
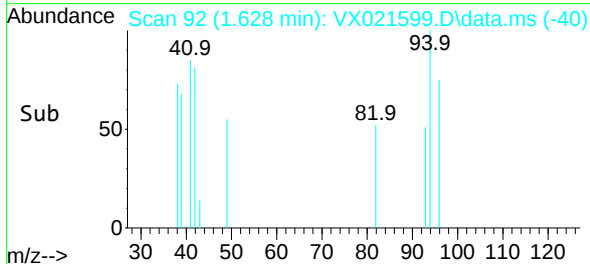
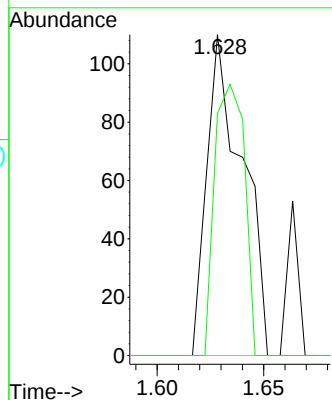
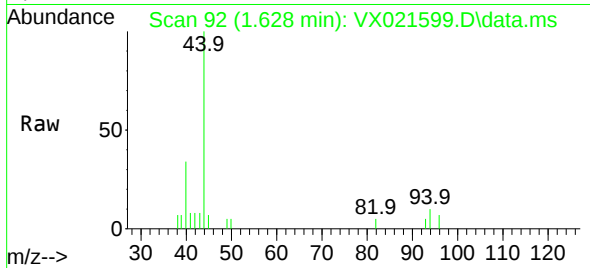




#5
Bromomethane
Concen: 0.48 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: VX021599.D
Acq: 30 Mar 2021 00:40

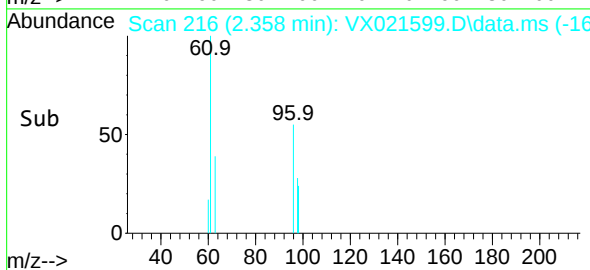
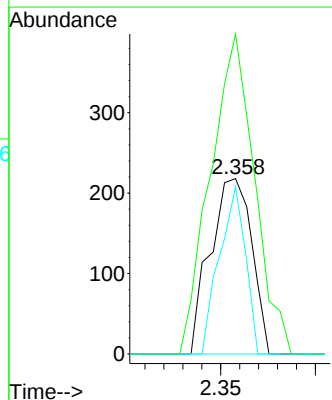
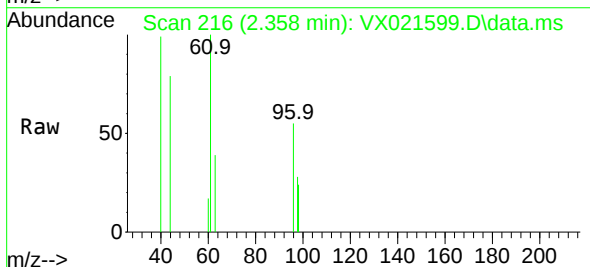
Instrument :
MSVOA_X
ClientSampled :

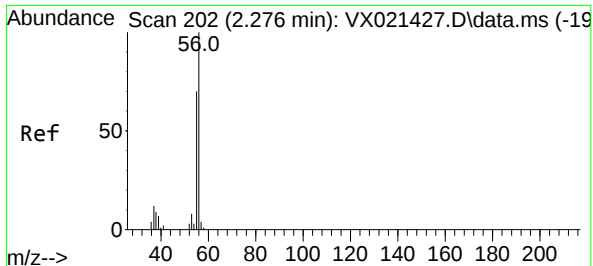
Tgt Ion: 94 Resp: 128
Ion Ratio Lower Upper
94 100
96 75.5 76.4 114.6#



#12
1,1-Dichloroethene
Concen: 0.56 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021599.D
Acq: 30 Mar 2021 00:40

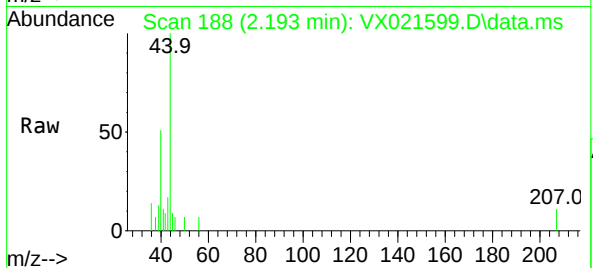
Tgt Ion: 96 Resp: 333
Ion Ratio Lower Upper
96 100
61 182.6 124.6 187.0
98 95.4 50.6 76.0#



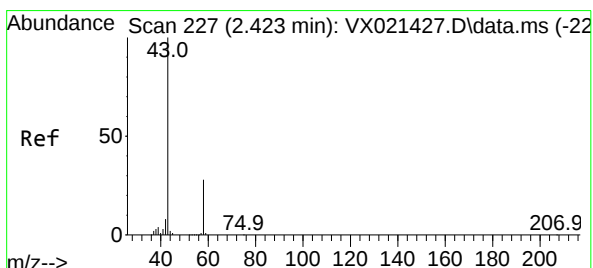
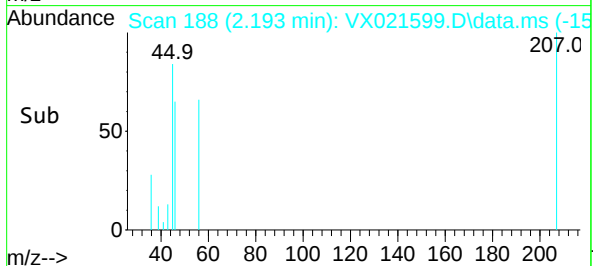
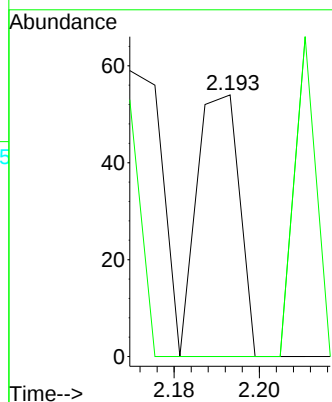


#13
Acrolein
Concen: 4.74 ug/l
RT: 2.193 min Scan# 188
Delta R.T. -0.083 min
Lab File: VX021599.D
Acq: 30 Mar 2021 00:40

Instrument :
MSVOA_X
ClientSampled :

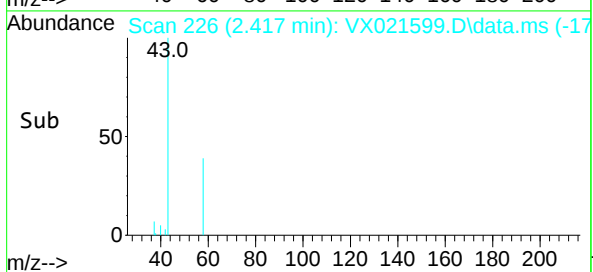
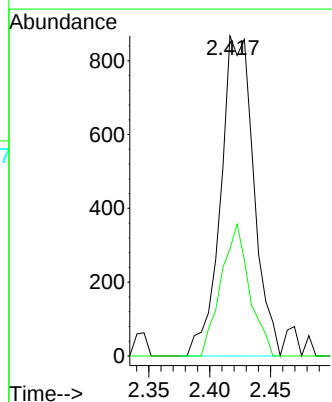
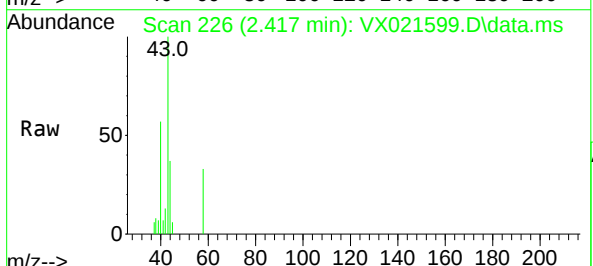


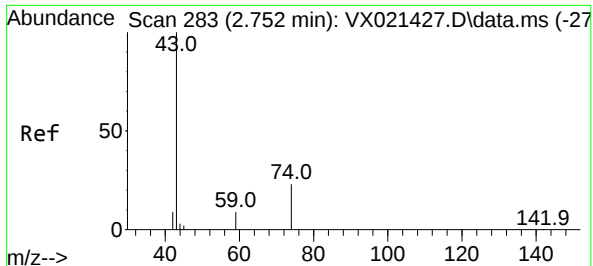
Tgt Ion: 56 Resp: 37
Ion Ratio Lower Upper
56 100
55 62.2 56.4 84.6



#16
Acetone
Concen: 4.37 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021599.D
Acq: 30 Mar 2021 00:40

Tgt Ion: 43 Resp: 1635
Ion Ratio Lower Upper
43 100
58 33.4 27.8 41.8





#18

Methyl Acetate

Concen: 0.22 ug/l

RT: 2.758 min Scan# 284

Delta R.T. 0.006 min

Lab File: VX021599.D

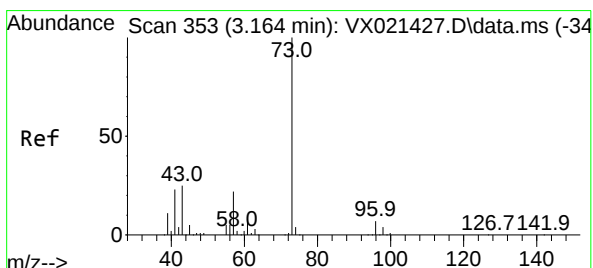
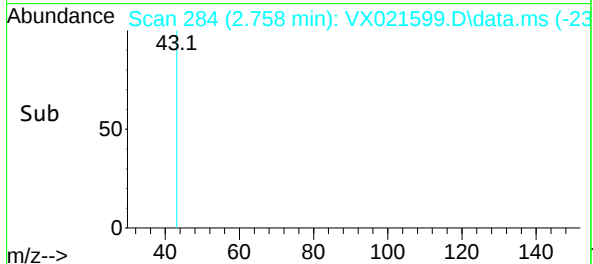
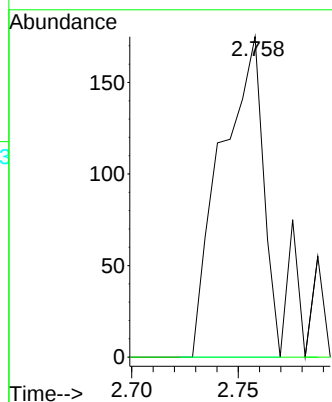
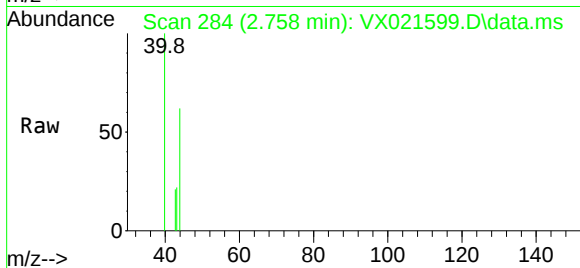
Acq: 30 Mar 2021 00:40

Tgt Ion: 43 Resp: 240

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#



#19

Methyl tert-butyl Ether

Concen: 0.55 ug/l

RT: 3.170 min Scan# 354

Delta R.T. 0.006 min

Lab File: VX021599.D

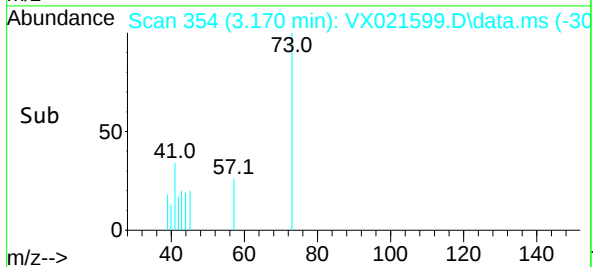
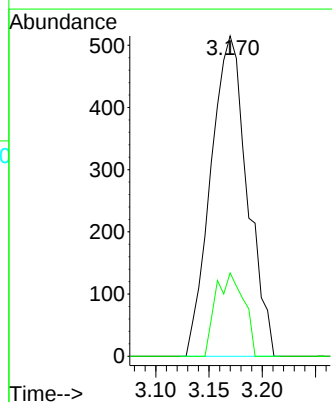
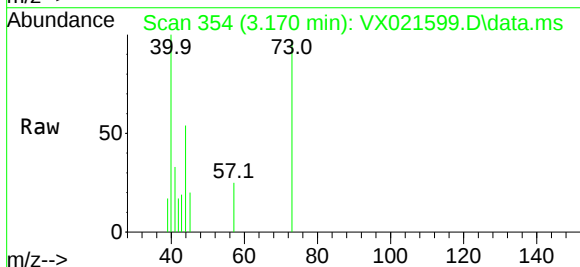
Acq: 30 Mar 2021 00:40

Tgt Ion: 73 Resp: 1230

Ion Ratio Lower Upper

73 100

57 26.0 17.1 25.7#





#20

Methylene Chloride

Concen: 0.36 ug/l

RT: 2.829 min Scan# 296

Delta R.T. -0.006 min

Lab File: VX021599.D

Acq: 30 Mar 2021 00:40

Tgt Ion: 84 Resp: 261

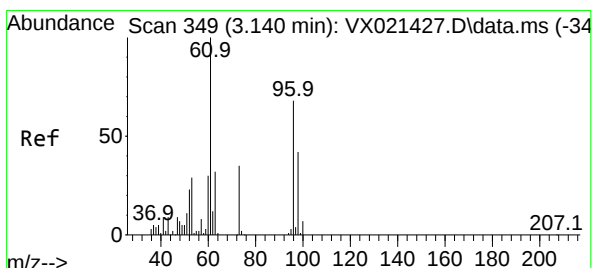
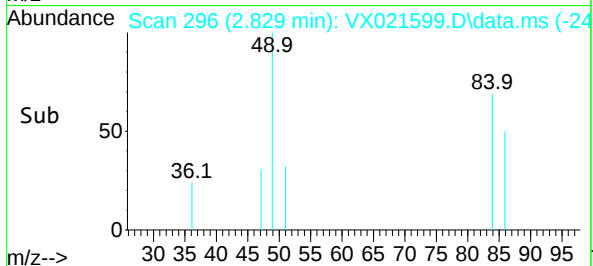
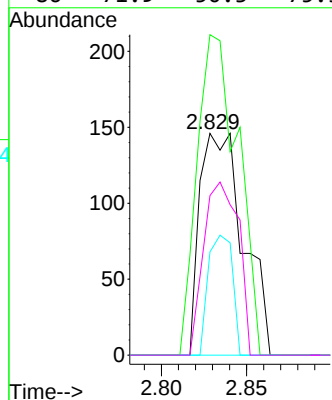
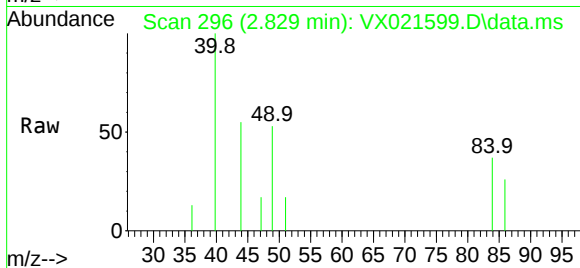
Ion Ratio Lower Upper

84 100

49 144.5 88.6 132.8#

51 46.6 27.0 40.6#

86 71.9 50.3 75.5



#21

trans-1,2-Dichloroethene

Concen: 0.21 ug/l

RT: 3.140 min Scan# 349

Delta R.T. 0.000 min

Lab File: VX021599.D

Acq: 30 Mar 2021 00:40

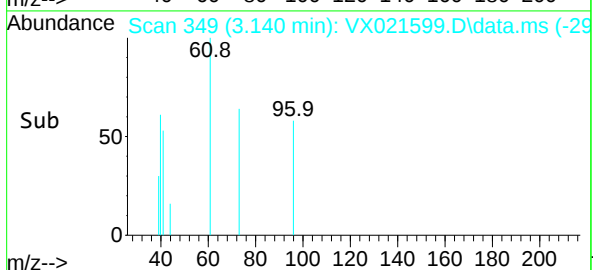
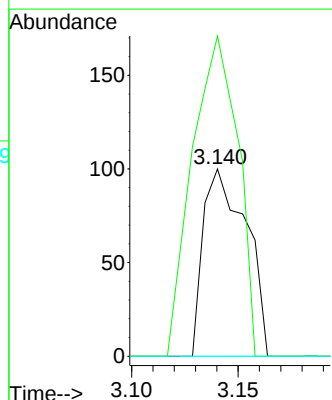
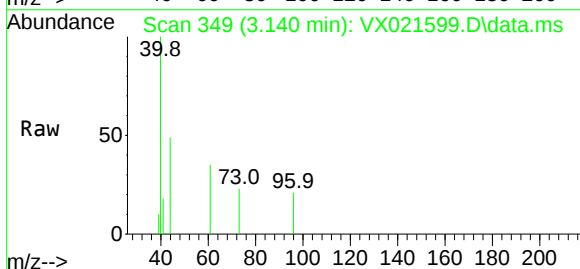
Tgt Ion: 96 Resp: 140

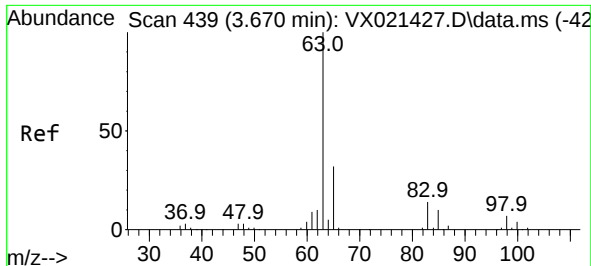
Ion Ratio Lower Upper

96 100

61 171.0 107.7 161.5#

98 0.0 50.4 75.6#

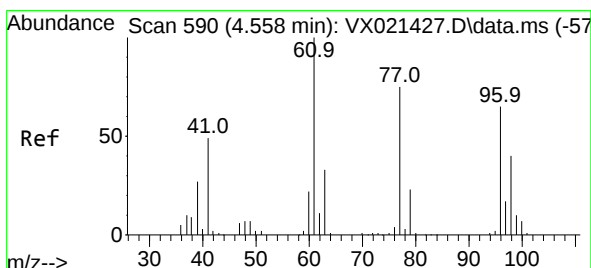
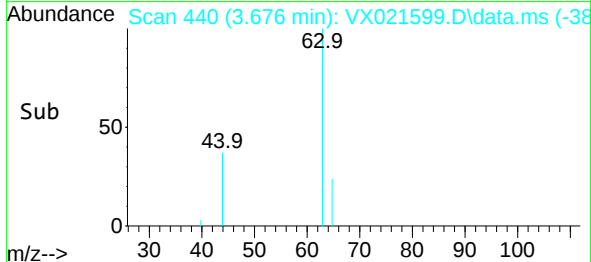
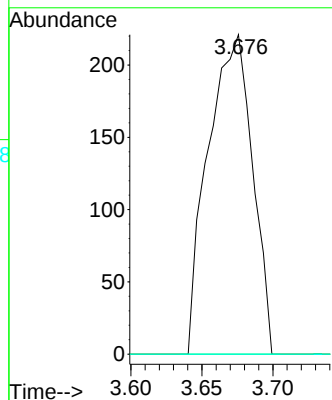
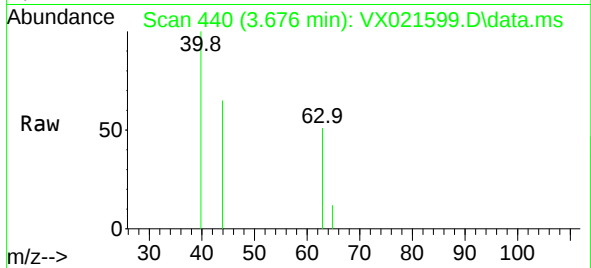




#24
1,1-Dichloroethane
Concen: 0.38 ug/l
RT: 3.676 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX021599.D
Acq: 30 Mar 2021 00:40

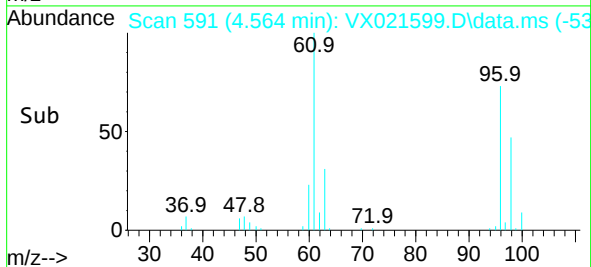
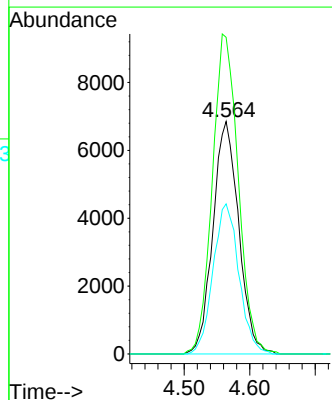
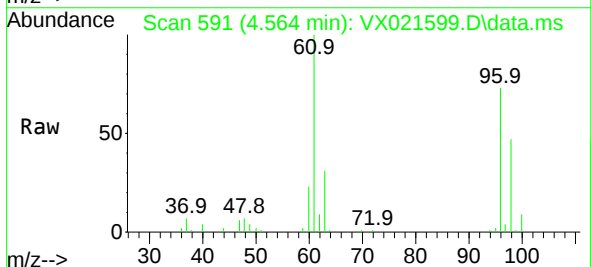
Instrument :
MSVOA_X
ClientSampled :

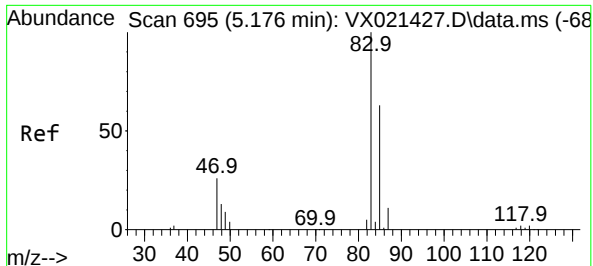
Tgt Ion: 63 Resp: 480
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 24.49 ug/l
RT: 4.564 min Scan# 591
Delta R.T. 0.006 min
Lab File: VX021599.D
Acq: 30 Mar 2021 00:40

Tgt Ion: 96 Resp: 18709
Ion Ratio Lower Upper
96 100
61 138.1 0.0 285.6
98 64.7 0.0 129.6





#30

Chloroform

Concen: 0.21 ug/l

RT: 5.170 min Scan# 694

Delta R.T. -0.006 min

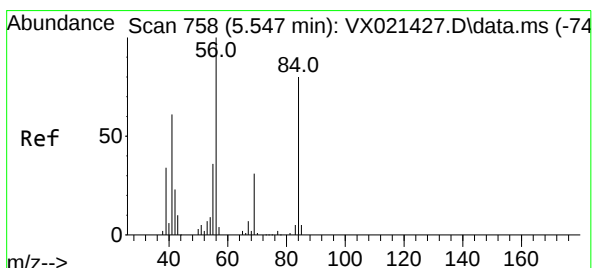
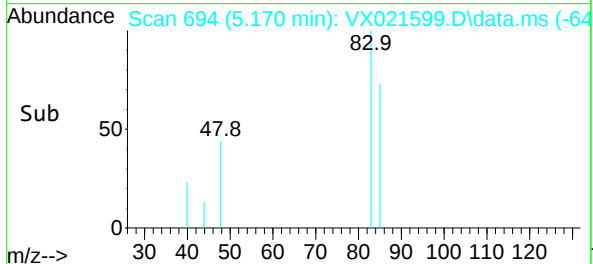
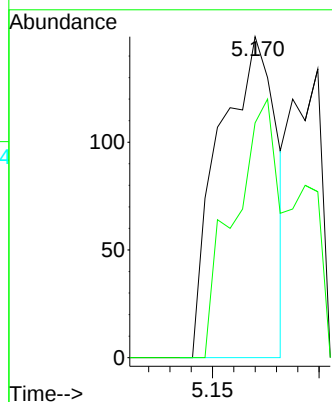
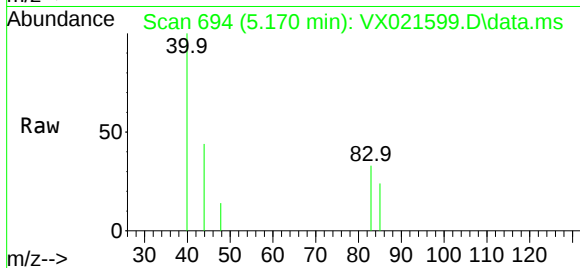
Lab File: VX021599.D

Acq: 30 Mar 2021 00:40

Tgt Ion: 83 Resp: 278

Ion	Ratio	Lower	Upper
83	100		
85	73.2	52.0	78.0

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.51 ug/l

RT: 5.623 min Scan# 771

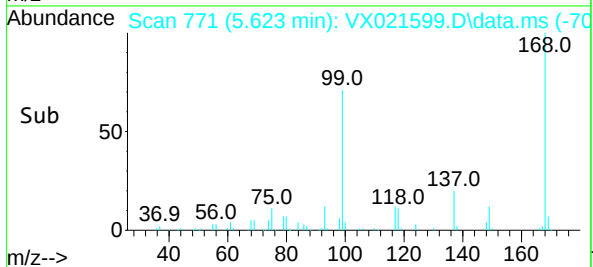
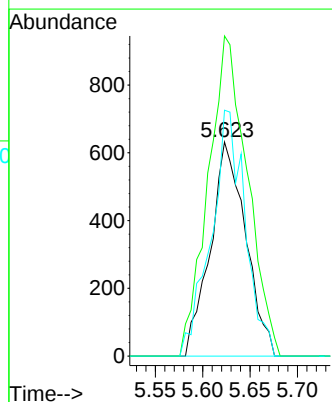
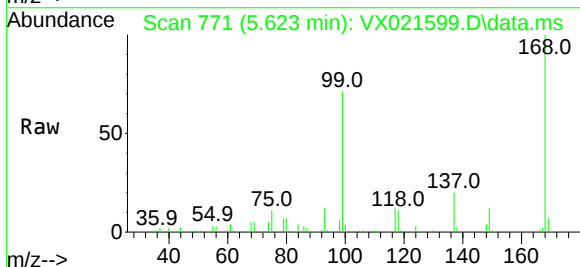
Delta R.T. 0.076 min

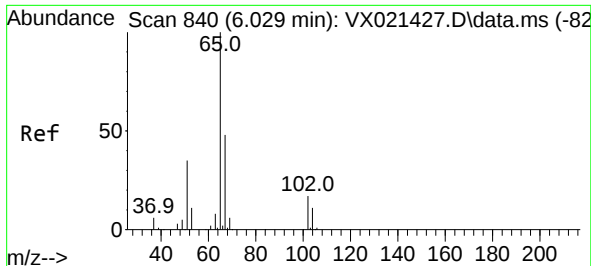
Lab File: VX021599.D

Acq: 30 Mar 2021 00:40

Tgt Ion: 56 Resp: 1644

Ion	Ratio	Lower	Upper
56	100		
69	149.5	25.3	37.9#
84	114.9	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 52.72 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021599.D

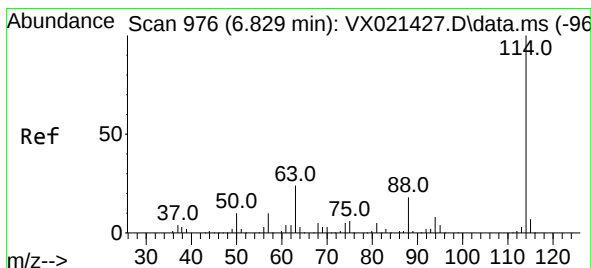
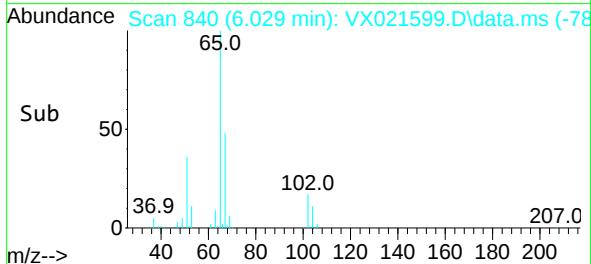
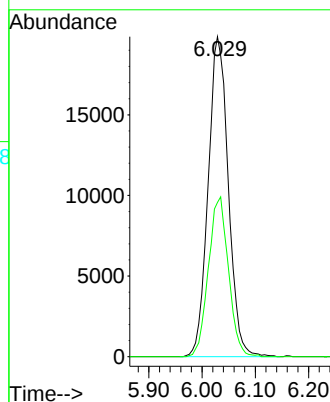
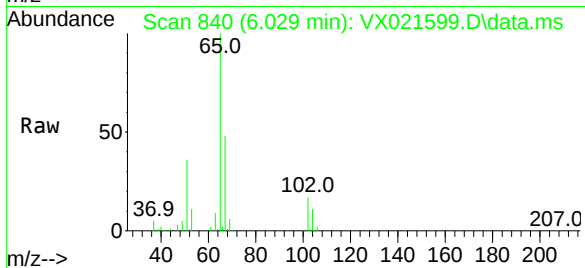
Acq: 30 Mar 2021 00:40

Tgt Ion: 65 Resp: 52138

Ion Ratio Lower Upper

65 100

67 49.7 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. 0.000 min

Lab File: VX021599.D

Acq: 30 Mar 2021 00:40

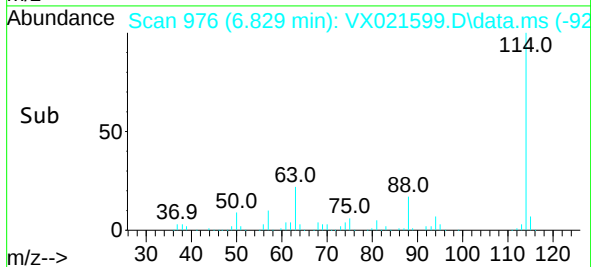
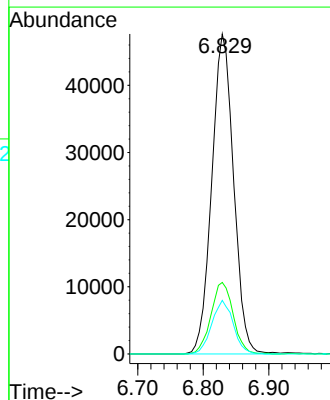
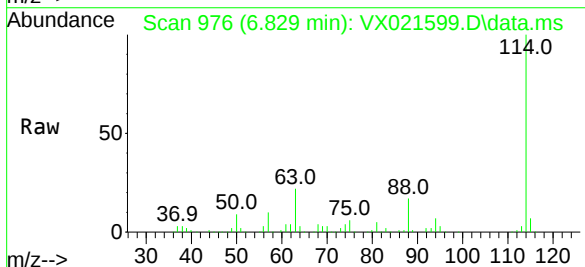
Tgt Ion: 114 Resp: 109979

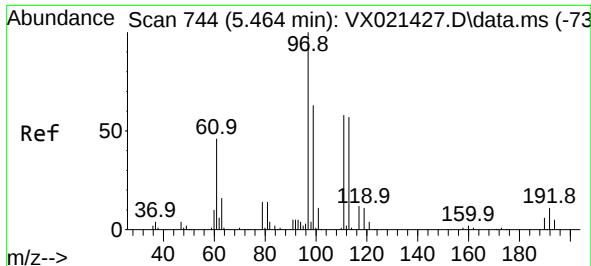
Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.8

88 16.8 0.0 32.8

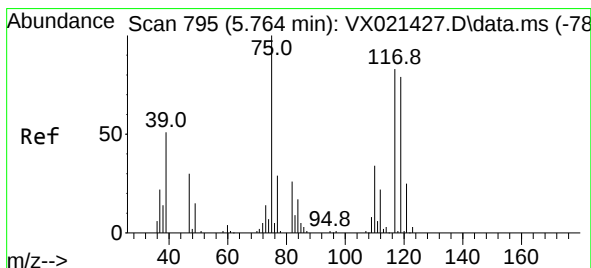
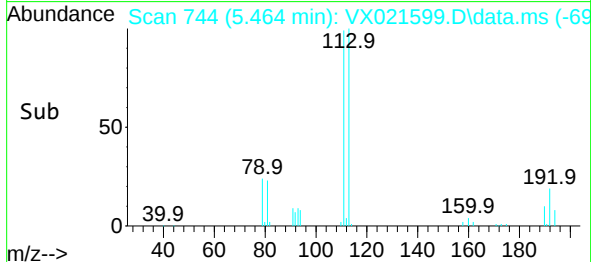
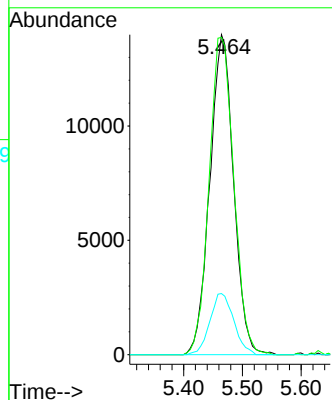
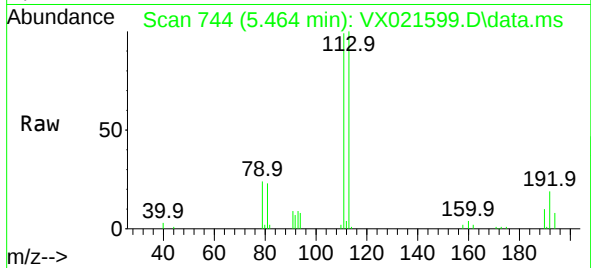




#35
Dibromofluoromethane
Concen: 50.32 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021599.D
Acq: 30 Mar 2021 00:40

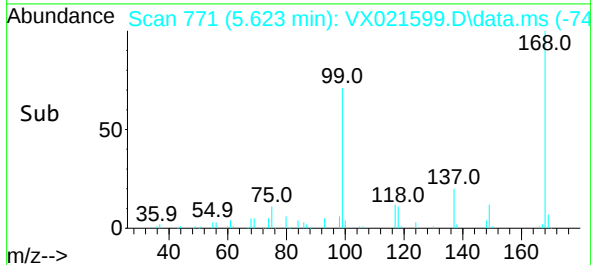
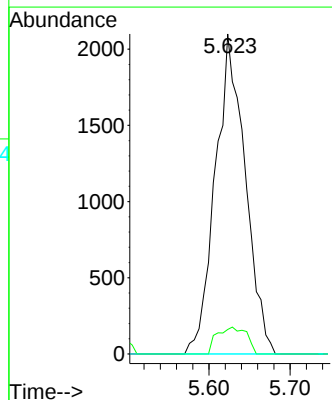
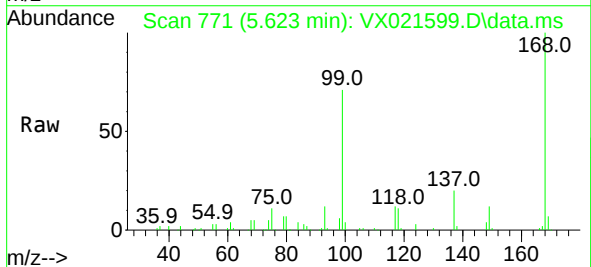
Instrument :
MSVOA_X
ClientSampled :

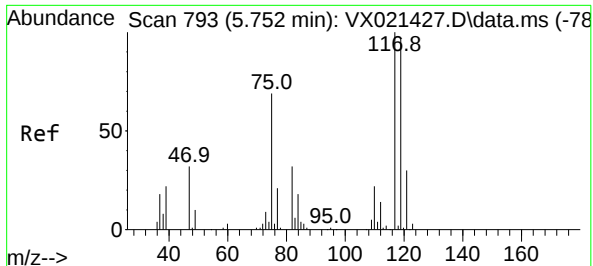
Tgt Ion:113 Resp: 39311
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 19.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.98 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.141 min
Lab File: VX021599.D
Acq: 30 Mar 2021 00:40

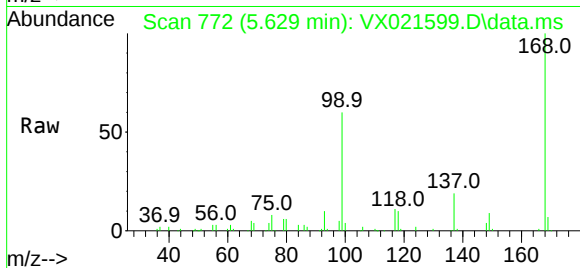
Tgt Ion: 75 Resp: 5362
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#



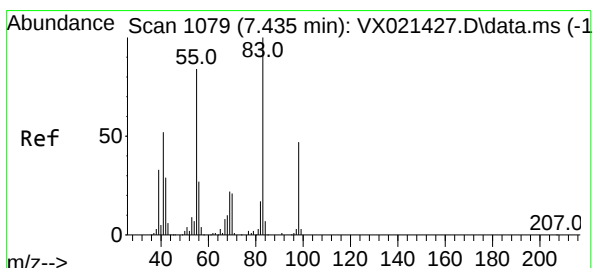
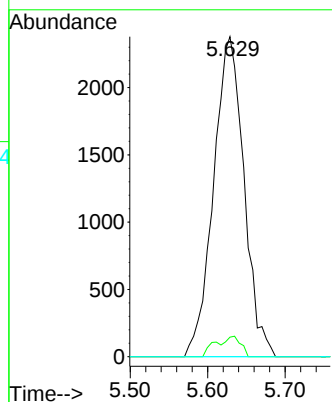
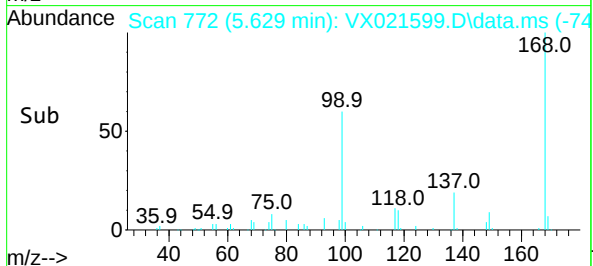


#38
Carbon Tetrachloride
Concen: 5.61 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.123 min
Lab File: VX021599.D
Acq: 30 Mar 2021 00:40

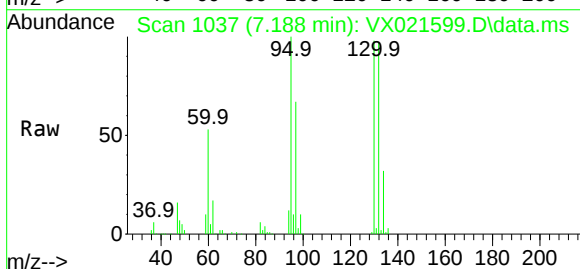
Instrument :
MSVOA_X
ClientSampled :



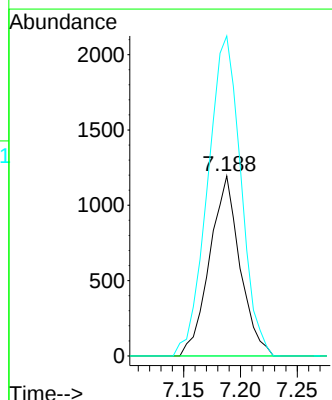
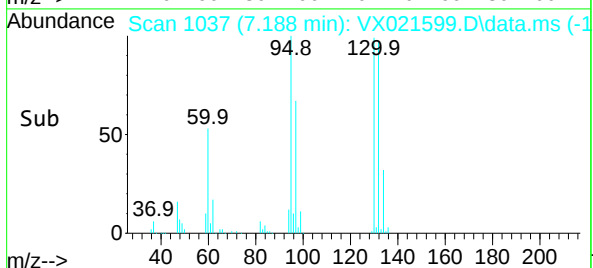
Tgt Ion:117 Resp: 6502
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.2#
121 0.0 24.8 37.2#

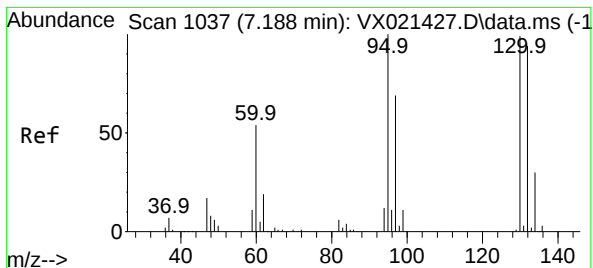


#39
Methylcyclohexane
Concen: 1.86 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.247 min
Lab File: VX021599.D
Acq: 30 Mar 2021 00:40



Tgt Ion: 83 Resp: 2218
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 177.7 38.1 57.1#





#44

Trichloroethene

Concen: 190.14 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. -0.000 min

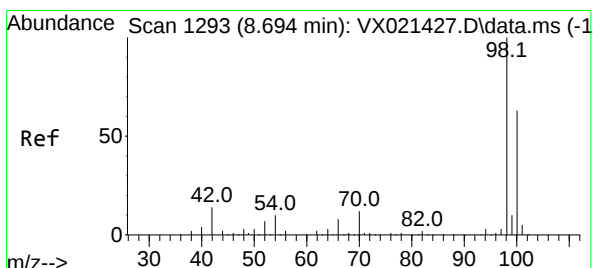
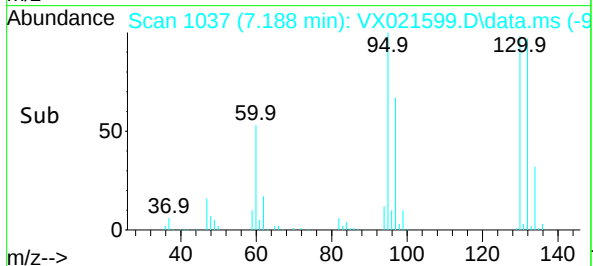
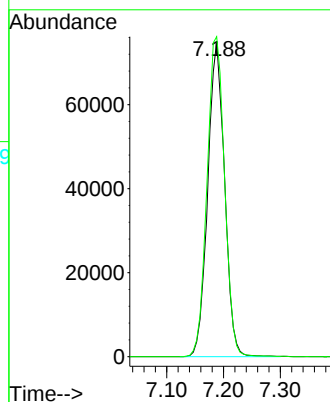
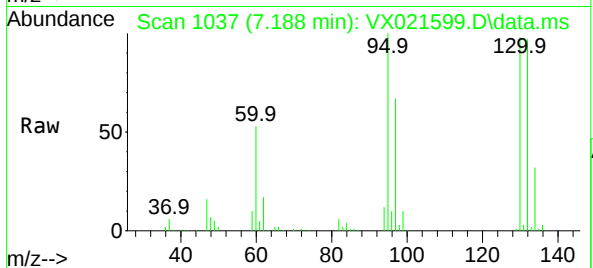
Lab File: VX021599.D

Acq: 30 Mar 2021 00:40

Tgt Ion:130 Resp: 153544

Ion Ratio Lower Upper

130	100		
95	101.5	0.0	198.0



#50

Toluene-d8

Concen: 48.70 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. -0.000 min

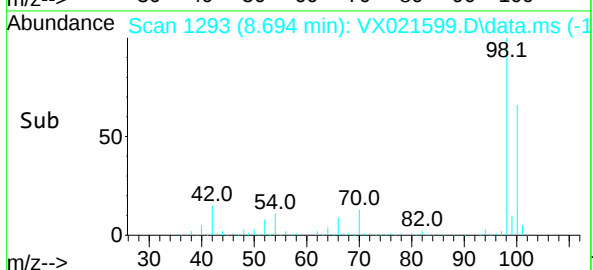
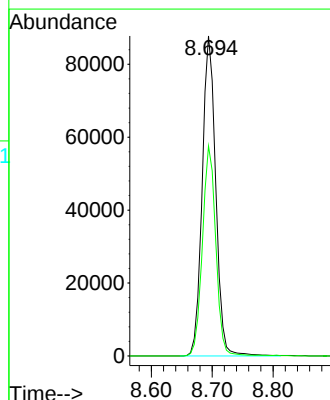
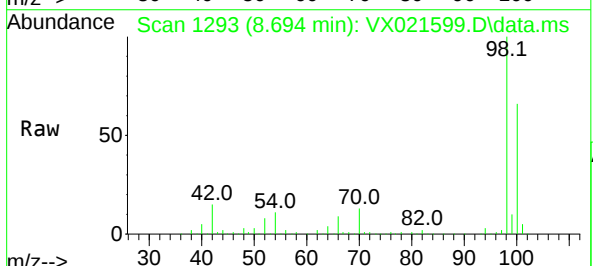
Lab File: VX021599.D

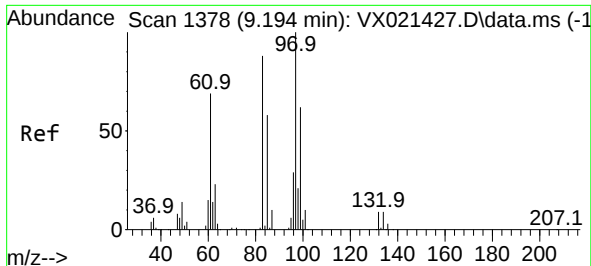
Acq: 30 Mar 2021 00:40

Tgt Ion: 98 Resp: 135572

Ion Ratio Lower Upper

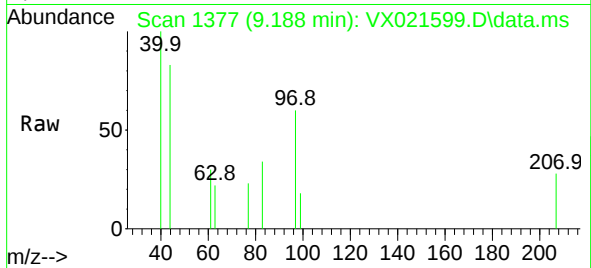
98	100		
100	65.2	51.9	77.9



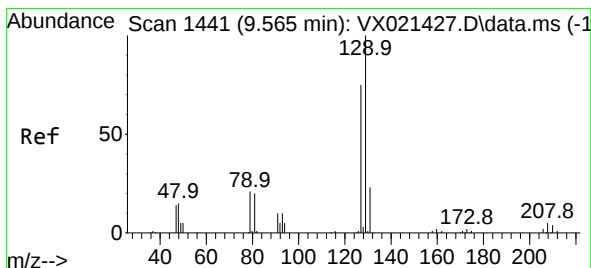
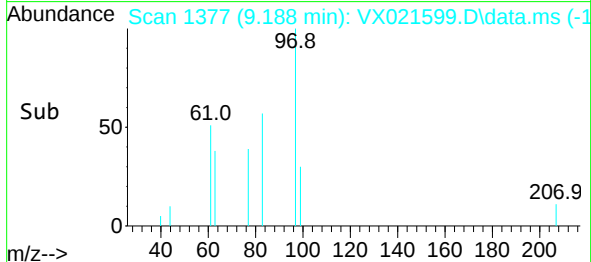
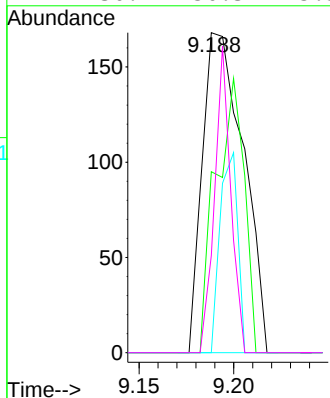


#55
1,1,2-Trichloroethane
Concen: 0.32 ug/l
RT: 9.188 min Scan# 1377
Delta R.T. -0.006 min
Lab File: VX021599.D
Acq: 30 Mar 2021 00:40

Instrument :
MSVOA_X
ClientSampled :

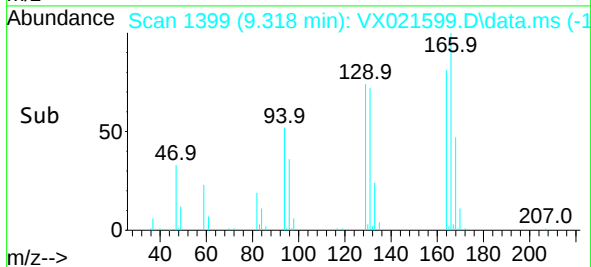
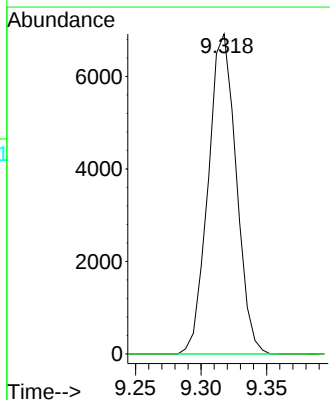
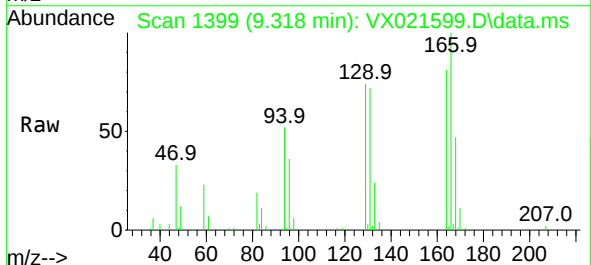


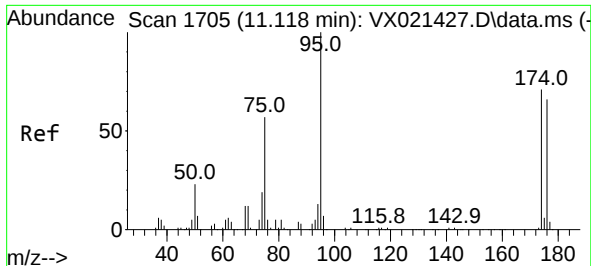
Tgt Ion: 97	Resp: 252
Ion Ratio	Lower Upper
97	100
83	56.5 69.3 103.9#
85	0.0 44.3 66.5#
99	30.4 50.3 75.5#



#60
Dibromochloromethane
Concen: 11.53 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.247 min
Lab File: VX021599.D
Acq: 30 Mar 2021 00:40

Tgt Ion: 129	Resp: 10304
Ion Ratio	Lower Upper
129	100
127	0.0 38.4 115.2#

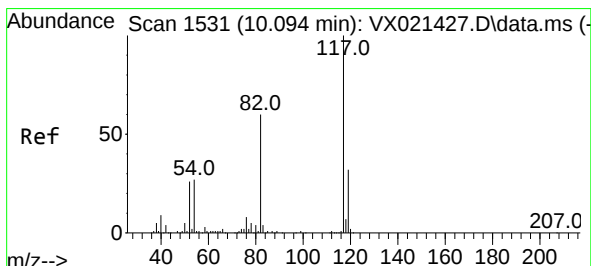
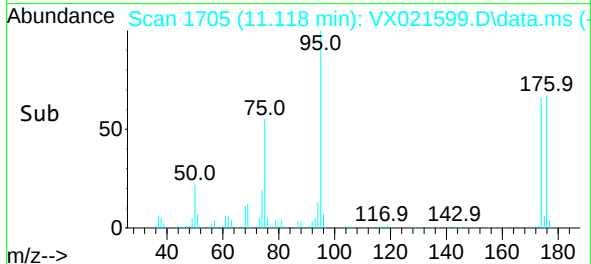
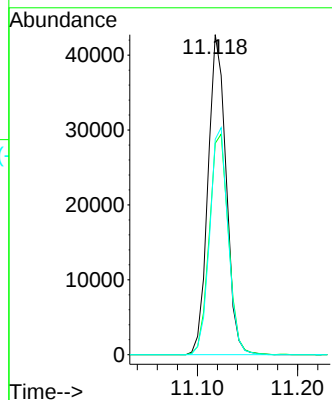
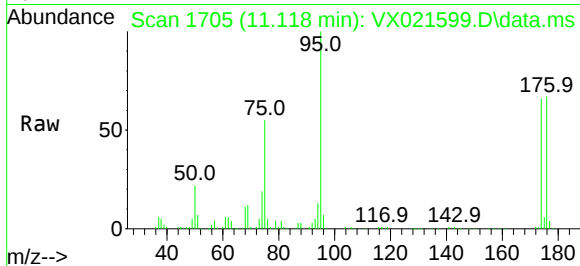




#62
4-Bromofluorobenzene
Concen: 49.71 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021599.D
Acq: 30 Mar 2021 00:40

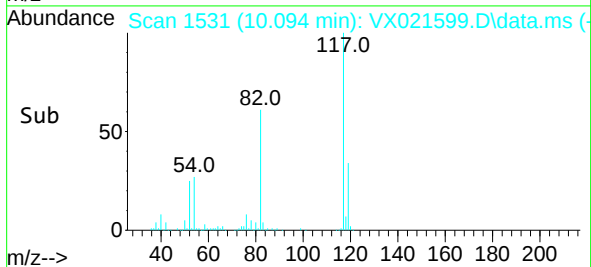
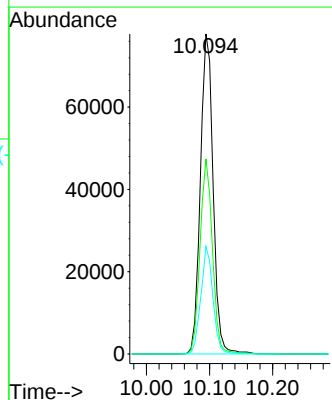
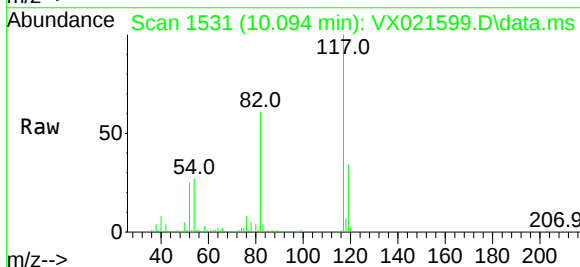
Instrument :
MSVOA_X
ClientSampled :

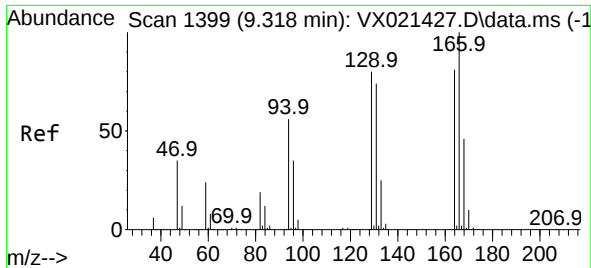
Tgt Ion: 95 Resp: 53803
Ion Ratio Lower Upper
95 100
174 72.6 0.0 154.6
176 71.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021599.D
Acq: 30 Mar 2021 00:40

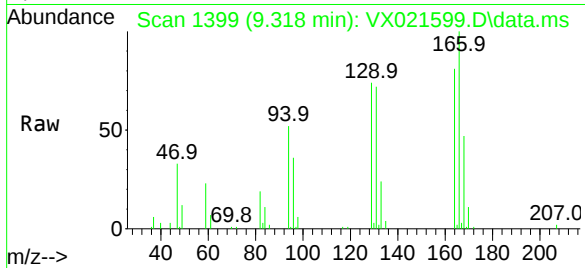
Tgt Ion: 117 Resp: 108995
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.2
119 33.6 26.6 39.8



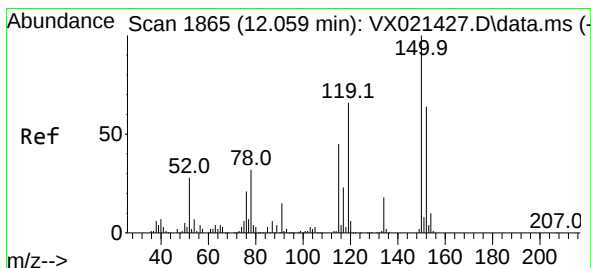
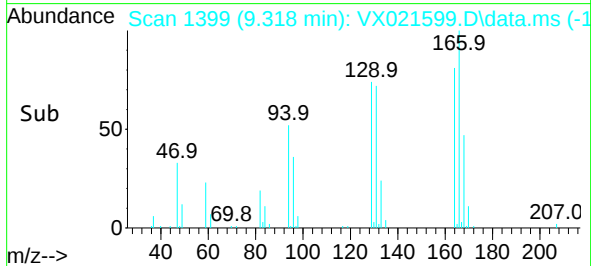
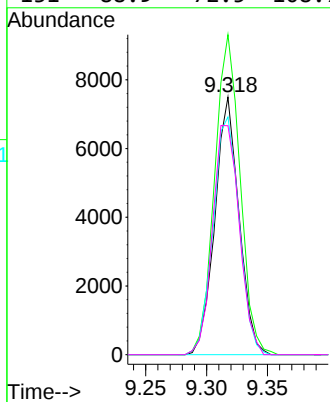


#64
Tetrachloroethene
Concen: 14.19 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021599.D
Acq: 30 Mar 2021 00:40

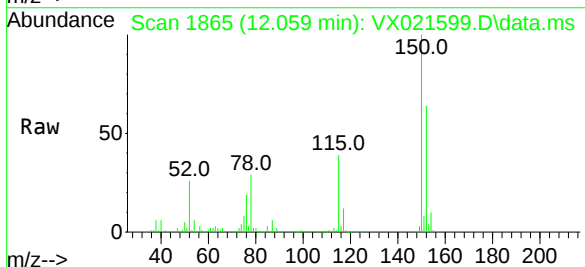
Instrument :
MSVOA_X
ClientSampled :



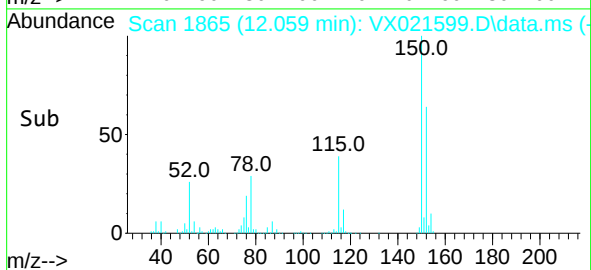
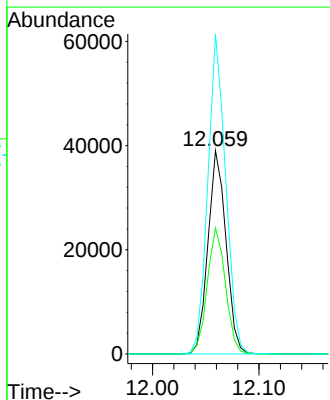
Tgt Ion:164 Resp: 10360
Ion Ratio Lower Upper
164 100
166 124.2 103.4 155.2
129 92.3 70.8 106.2
131 88.9 72.5 108.7

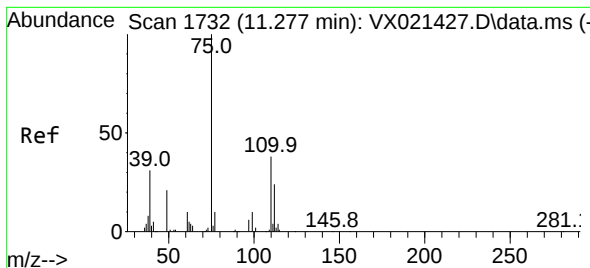


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021599.D
Acq: 30 Mar 2021 00:40



Tgt Ion:152 Resp: 46149
Ion Ratio Lower Upper
152 100
115 62.4 41.1 123.3
150 155.0 0.0 349.0

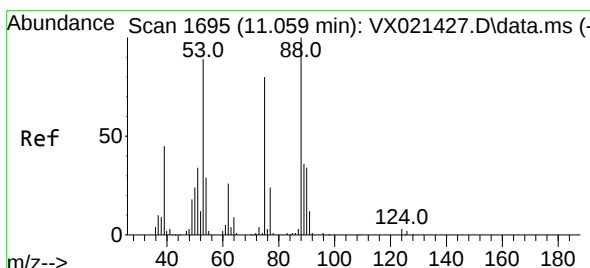
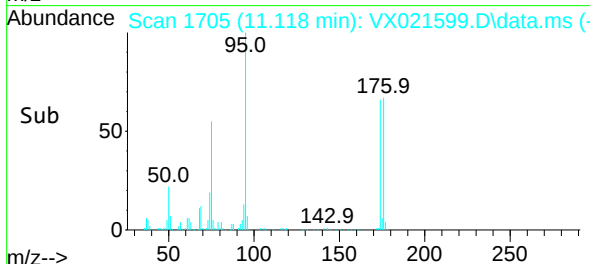
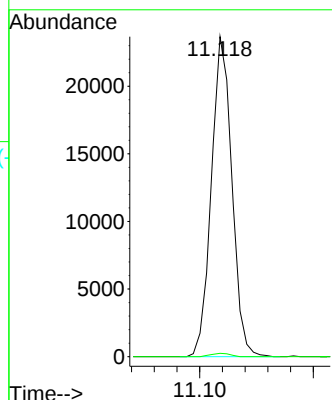
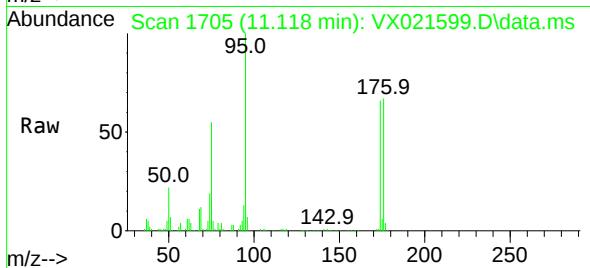




#76
1,2,3-Trichloropropane
Concen: 27.64 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021599.D
Acq: 30 Mar 2021 00:40

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 29700
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.20 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021599.D
Acq: 30 Mar 2021 00:40

Tgt Ion: 75 Resp: 29700
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

