

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040121\
 Data File : VX021718.D
 Acq On : 01 Apr 2021 19:01
 Operator : JC/MD
 Sample : M1895-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

Quant Time: Apr 02 03:31:29 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)

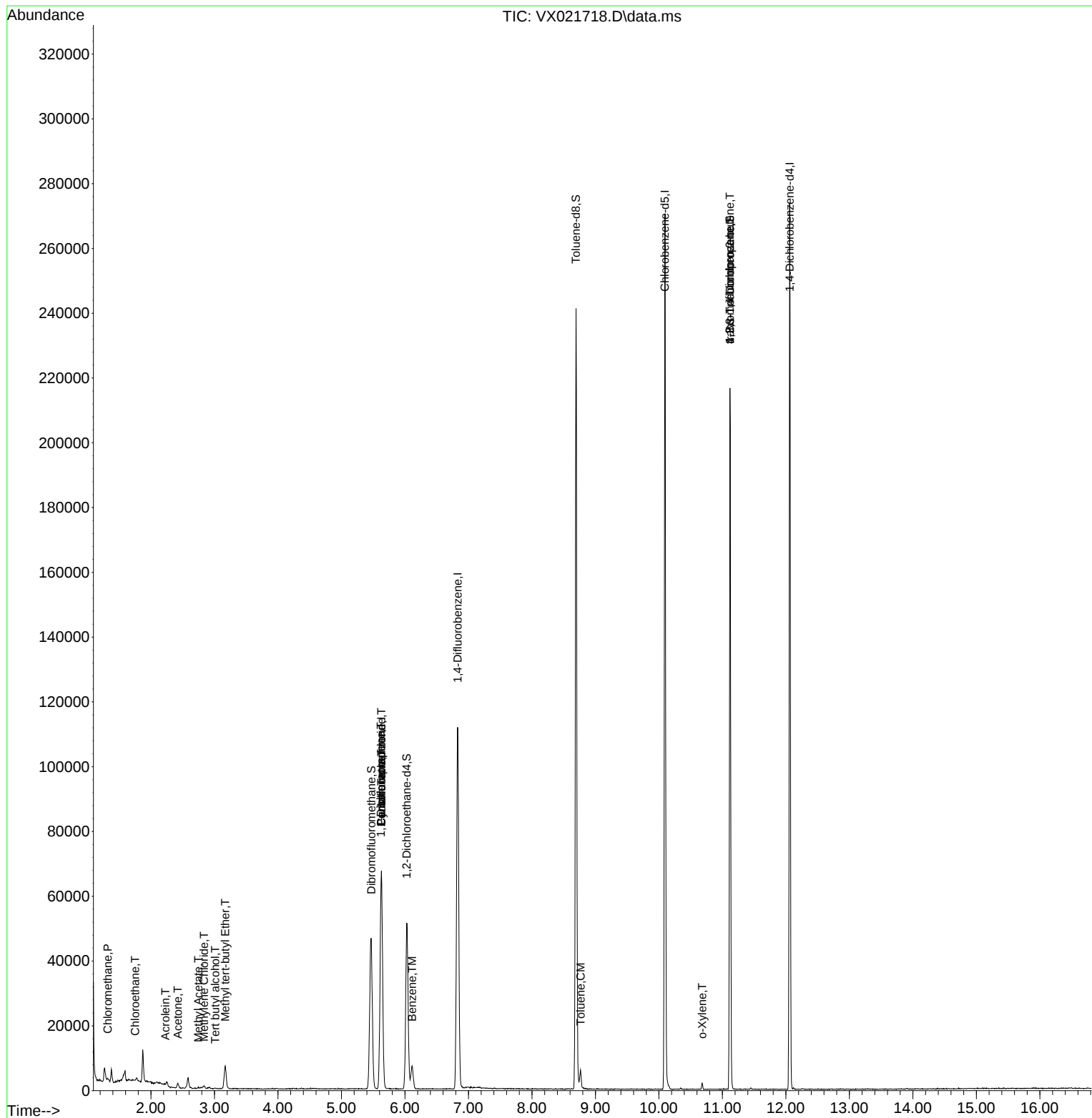
Internal Standards						
1) Pentafluorobenzene	5.629	168	58911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	104854	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	111573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	50035	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	49915	50.92	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.84%
35) Dibromofluoromethane	5.470	113	39016	52.38	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.76%
50) Toluene-d8	8.694	98	135409	51.02	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.04%
62) 4-Bromofluorobenzene	11.118	95	55244	53.54	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.08%
Target Compounds						Qvalue
3) Chloromethane	1.317	50	981	1.36	ug/l	91
6) Chloroethane	1.752	64	172	0.41	ug/l #	43
11) Tert butyl alcohol	3.011	59	106	0.65	ug/l #	73
13) Acrolein	2.228	56	59	5.01	ug/l	85
16) Acetone	2.423	43	1466	3.96	ug/l	90
18) Methyl Acetate	2.746	43	501	0.47	ug/l #	64
19) Methyl tert-butyl Ether	3.170	73	6571	2.96	ug/l	94
20) Methylene Chloride	2.834	84	314	0.43	ug/l	94
31) Cyclohexane	5.629	56	1601	1.49	ug/l #	19
36) 1,1-Dichloropropene	5.623	75	5224	5.08	ug/l #	50
38) Carbon Tetrachloride	5.629	117	5961	5.40	ug/l #	18
40) Benzene	6.111	78	7433	2.55	ug/l	96
52) Toluene	8.765	92	1796	1.00	ug/l	91
69) o-Xylene	10.682	106	452	0.32	ug/l	90
76) 1,2,3-Trichloropropane	11.118	75	31095	26.70	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	31095	81.31	ug/l #	12

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1R

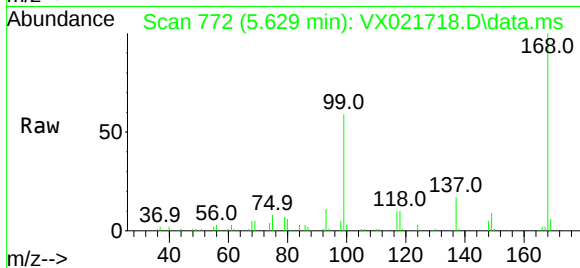
Quant Time: Apr 02 03:31:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration



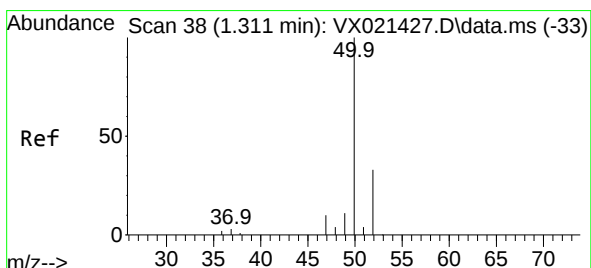
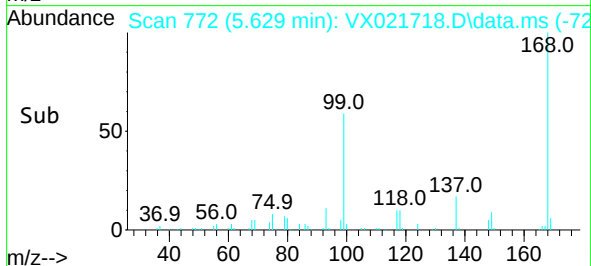
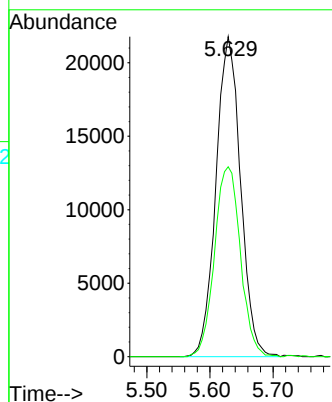


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021718.D
Acq: 01 Apr 2021 19:01

Instrument :
MSVOA_X
ClientSampled :
MW-1R

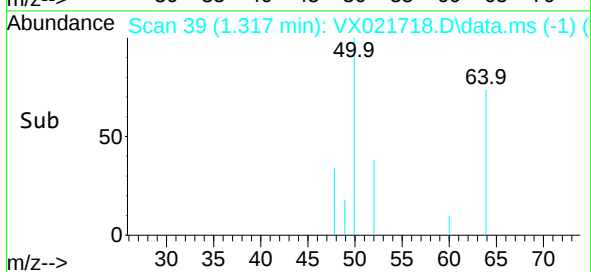
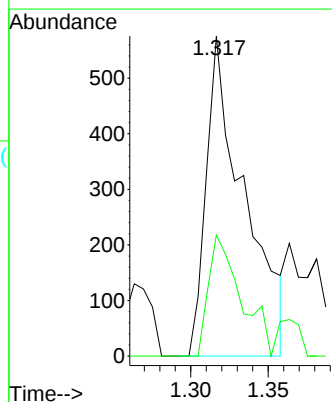
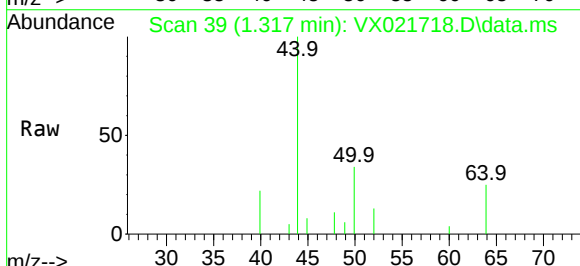


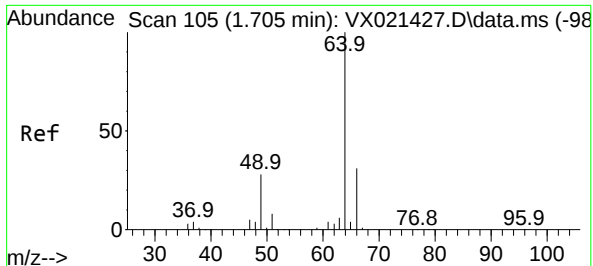
Tgt Ion:168 Resp: 58911
Ion Ratio Lower Upper
168 100
99 59.3 45.8 68.6



#3
Chloromethane
Concen: 1.36 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021718.D
Acq: 01 Apr 2021 19:01

Tgt Ion: 50 Resp: 981
Ion Ratio Lower Upper
50 100
52 37.8 26.4 39.6

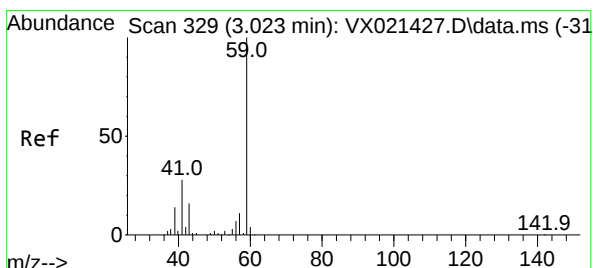
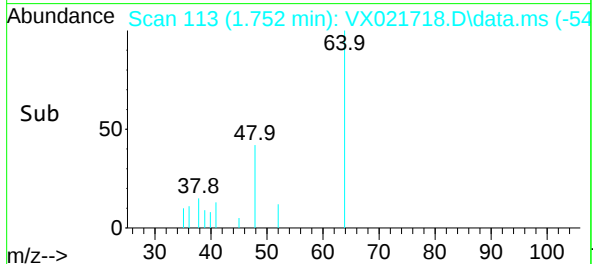
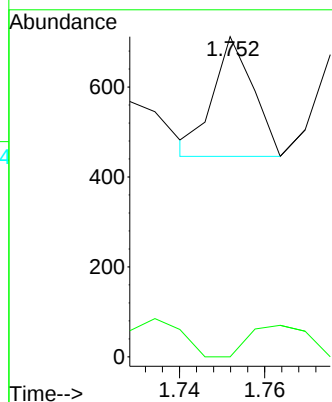
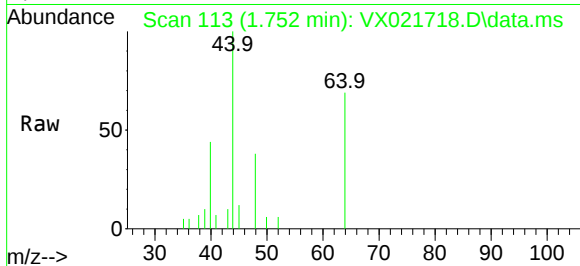




#6
Chloroethane
Concen: 0.41 ug/l
RT: 1.752 min Scan# 113
Delta R.T. 0.047 min
Lab File: VX021718.D
Acq: 01 Apr 2021 19:01

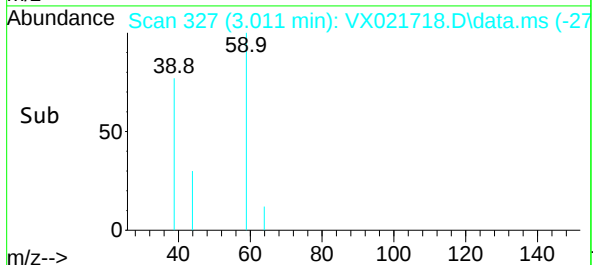
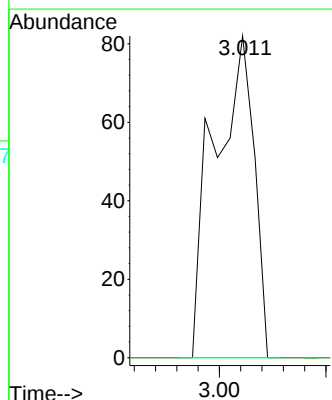
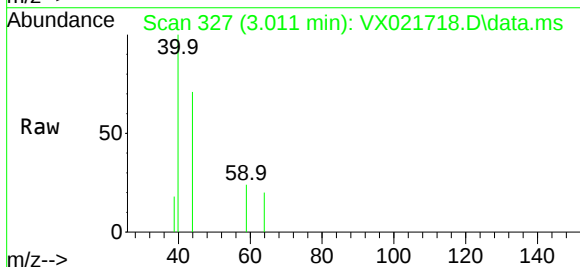
Instrument :
MSVOA_X
ClientSampled :
MW-1R

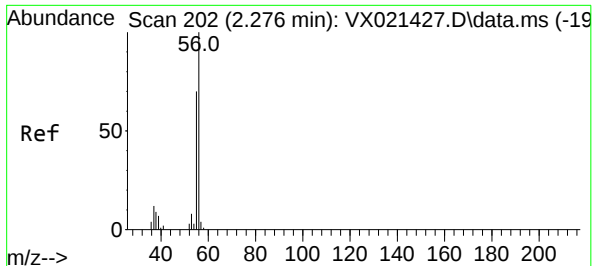
Tgt Ion: 64 Resp: 172
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 0.65 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.012 min
Lab File: VX021718.D
Acq: 01 Apr 2021 19:01

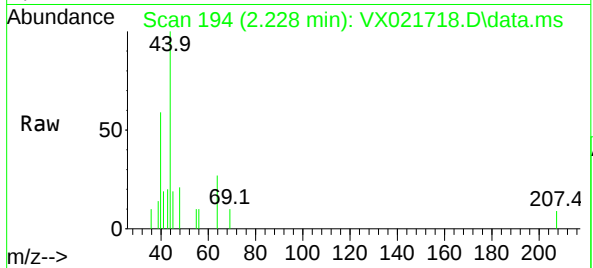
Tgt Ion: 59 Resp: 106
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



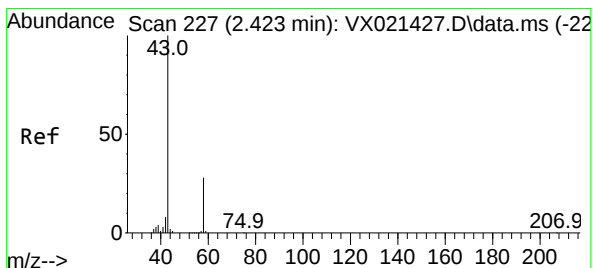
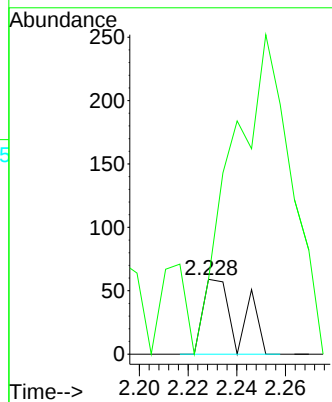
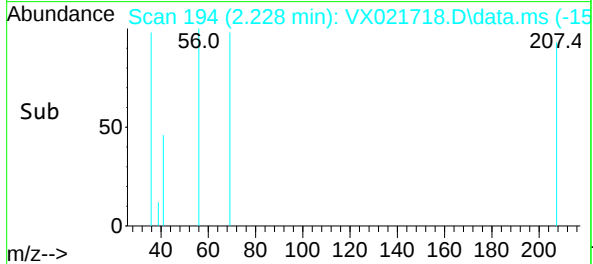


#13
Acrolein
Concen: 5.01 ug/l
RT: 2.228 min Scan# 194
Delta R.T. -0.048 min
Lab File: VX021718.D
Acq: 01 Apr 2021 19:01

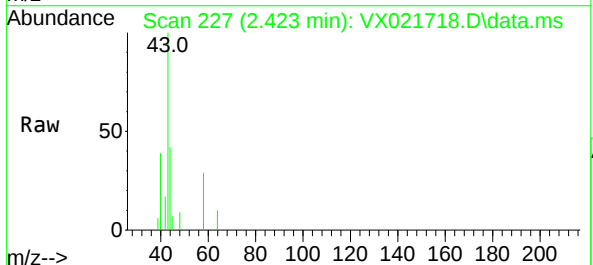
Instrument :
MSVOA_X
ClientSampleId :
MW-1R



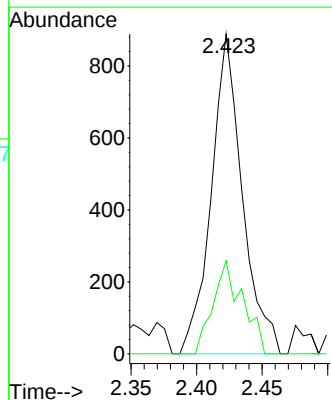
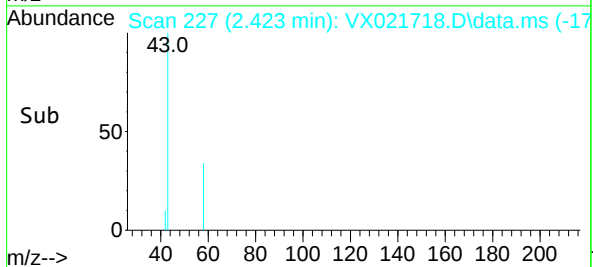
Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 83.1 56.4 84.6

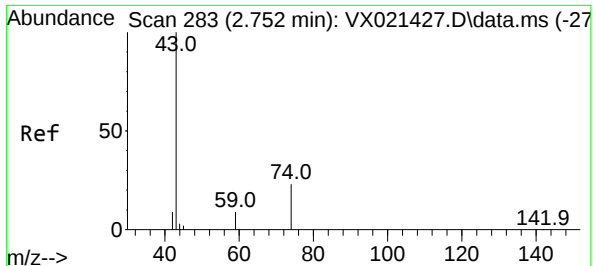


#16
Acetone
Concen: 3.96 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021718.D
Acq: 01 Apr 2021 19:01



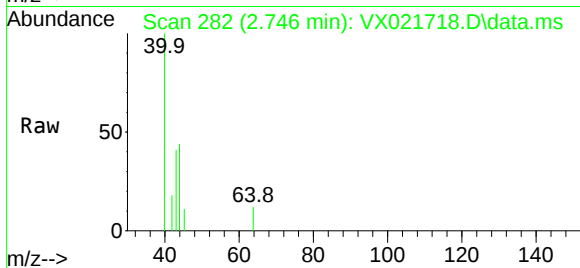
Tgt Ion: 43 Resp: 1466
Ion Ratio Lower Upper
43 100
58 29.1 27.8 41.8



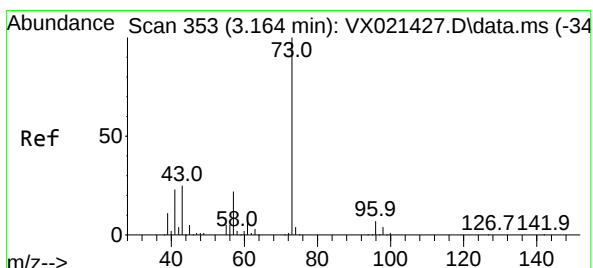
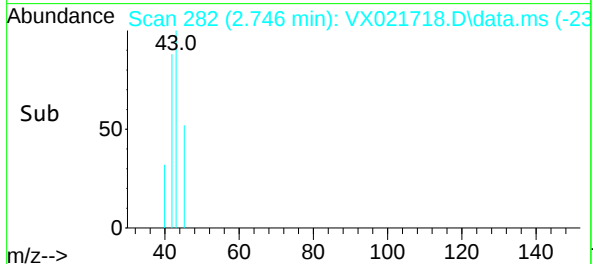
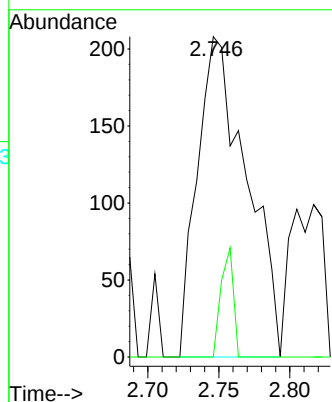


#18
Methyl Acetate
Concen: 0.47 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021718.D
Acq: 01 Apr 2021 19:01

Instrument :
MSVOA_X
ClientSampleId :
MW-1R

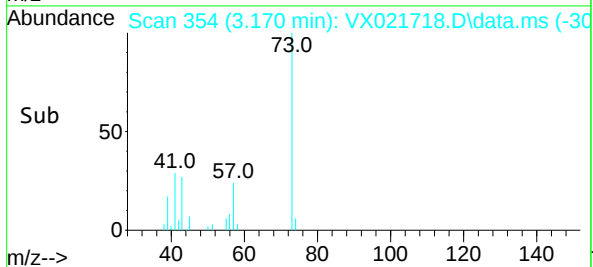
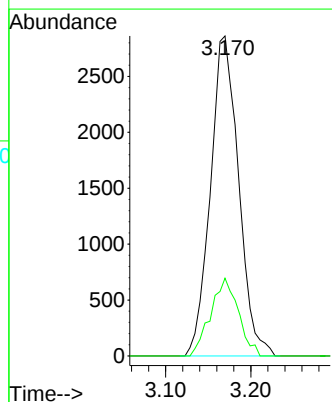
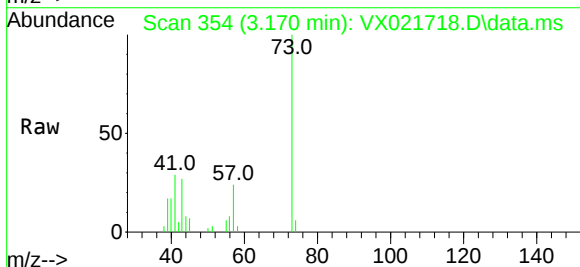


Tgt Ion: 43 Resp: 501
Ion Ratio Lower Upper
43 100
74 8.6 21.9 32.9#



#19
Methyl tert-butyl Ether
Concen: 2.96 ug/l
RT: 3.170 min Scan# 354
Delta R.T. 0.006 min
Lab File: VX021718.D
Acq: 01 Apr 2021 19:01

Tgt Ion: 73 Resp: 6571
Ion Ratio Lower Upper
73 100
57 24.3 17.1 25.7



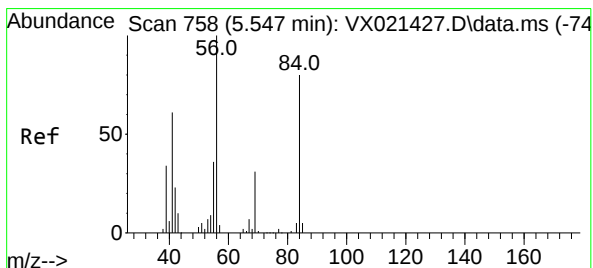
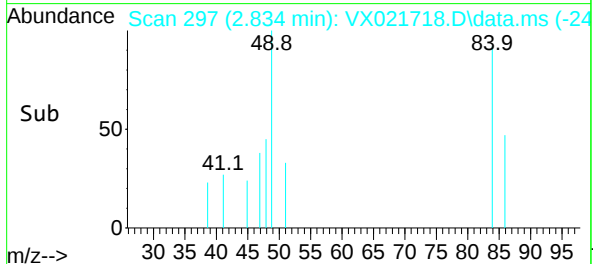
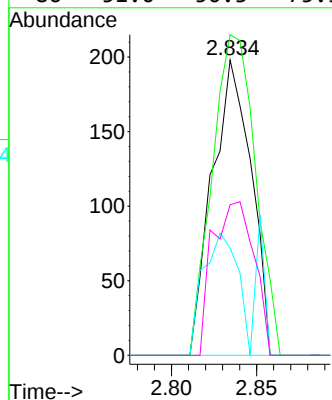
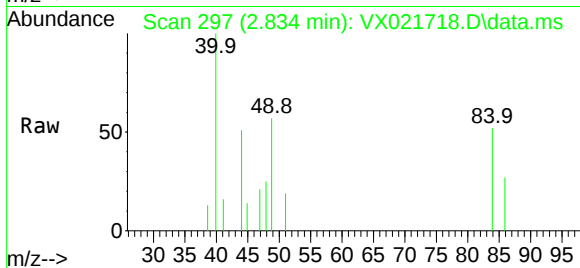


#20
Methylene Chloride
Concen: 0.43 ug/l
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021718.D
Acq: 01 Apr 2021 19:01

Instrument :
MSVOA_X
ClientSampleId :
MW-1R

Tgt Ion: 84 Resp: 314

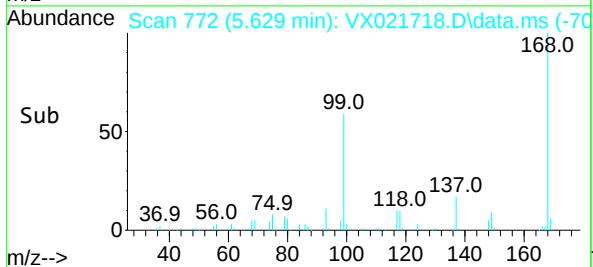
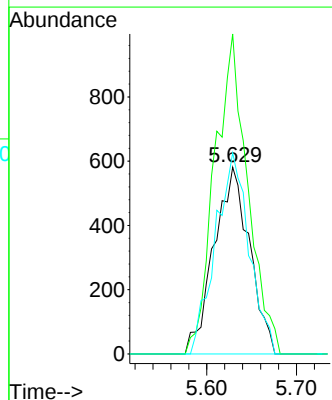
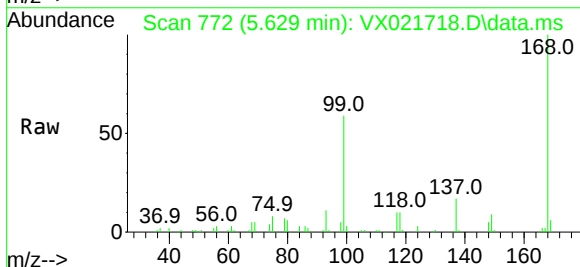
Ion	Ratio	Lower	Upper
84	100		
49	108.6	88.6	132.8
51	36.4	27.0	40.6
86	51.0	50.3	75.5

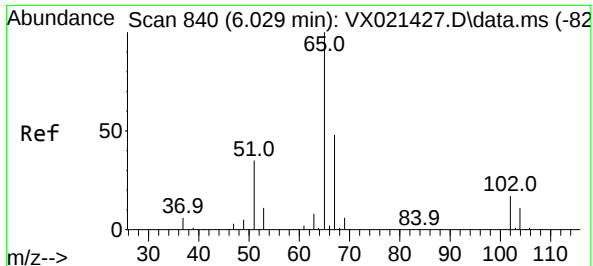


#31
Cyclohexane
Concen: 1.49 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021718.D
Acq: 01 Apr 2021 19:01

Tgt Ion: 56 Resp: 1601

Ion	Ratio	Lower	Upper
56	100		
69	171.4	25.3	37.9#
84	107.7	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.92 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021718.D

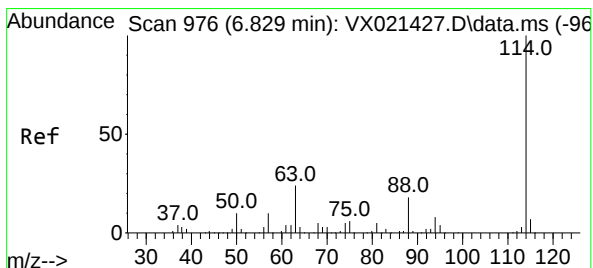
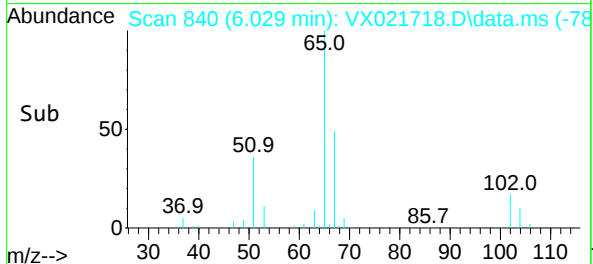
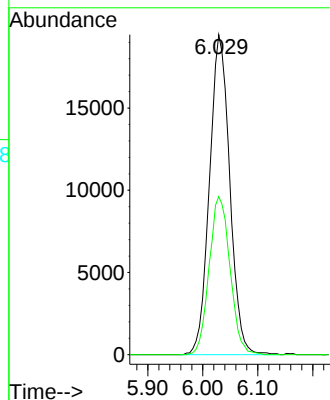
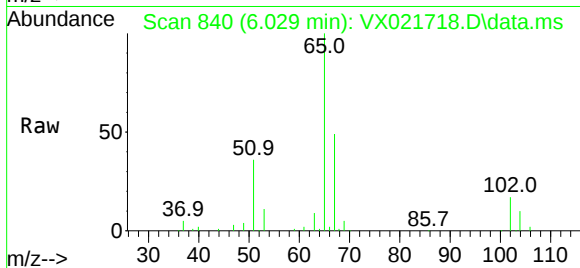
Acq: 01 Apr 2021 19:01

Tgt Ion: 65 Resp: 49915

Ion Ratio Lower Upper

65 100

67 50.7 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: VX021718.D

Acq: 01 Apr 2021 19:01

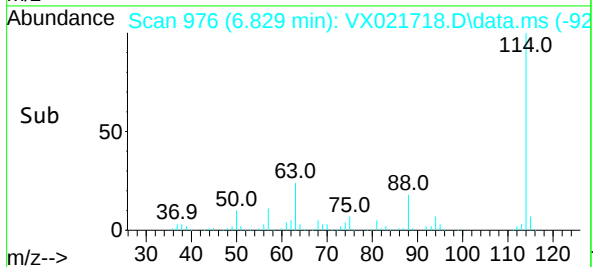
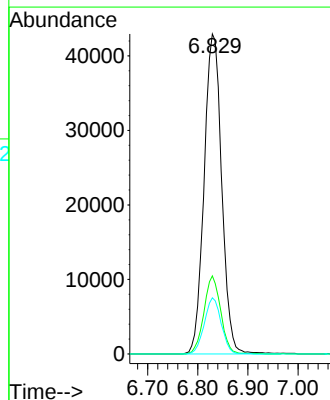
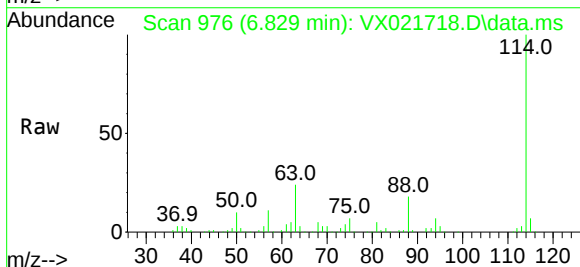
Tgt Ion: 114 Resp: 104854

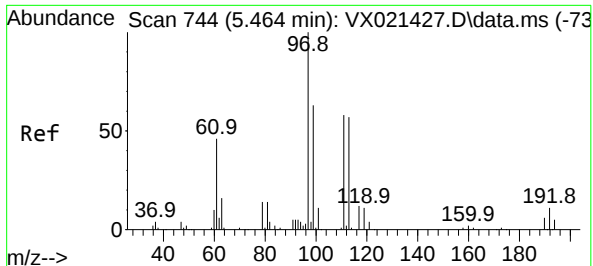
Ion Ratio Lower Upper

114 100

63 24.4 0.0 40.8

88 17.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.38 ug/l

RT: 5.470 min Scan# 745

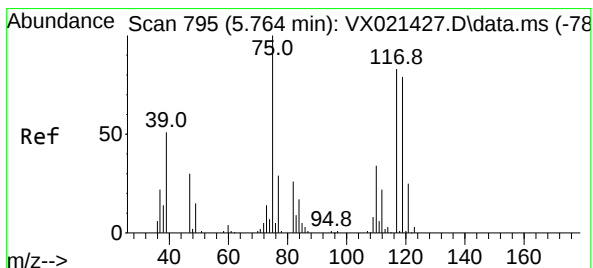
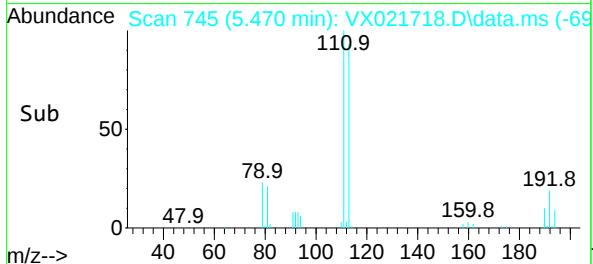
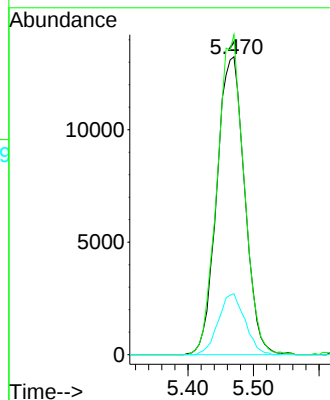
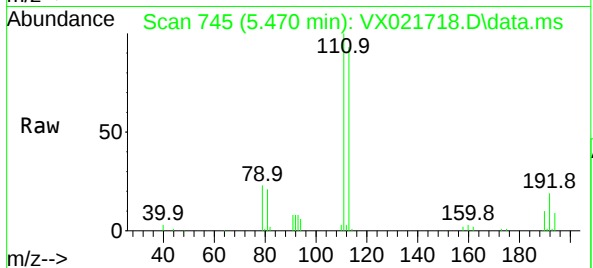
Delta R.T. 0.006 min

Lab File: VX021718.D

Acq: 01 Apr 2021 19:01

Tgt Ion:	113	Resp:	39016
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.9	122.9
192	19.5	16.7	25.1

Instrument :
MSVOA_X
ClientSampleId :
MW-1R



#36

1,1-Dichloropropene

Concen: 5.08 ug/l

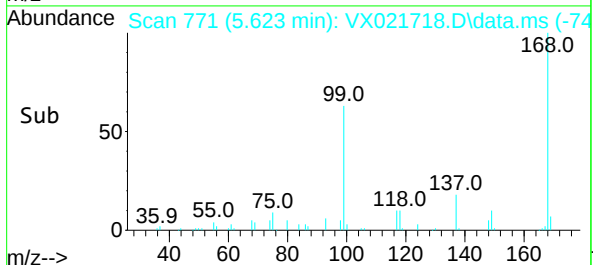
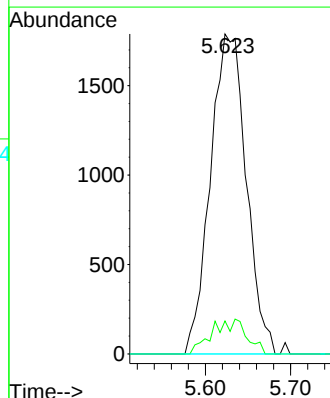
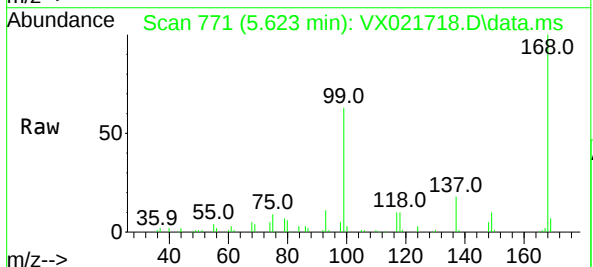
RT: 5.623 min Scan# 771

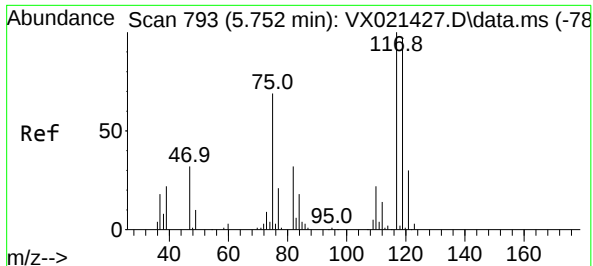
Delta R.T. -0.141 min

Lab File: VX021718.D

Acq: 01 Apr 2021 19:01

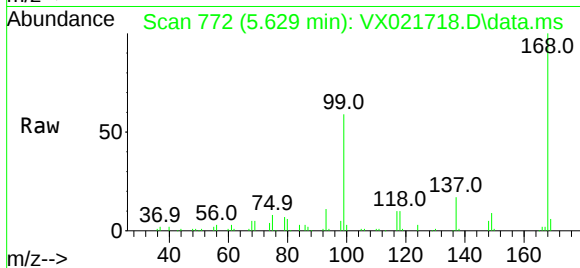
Tgt Ion:	75	Resp:	5224
Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.1	54.4#
77	0.0	25.3	37.9#



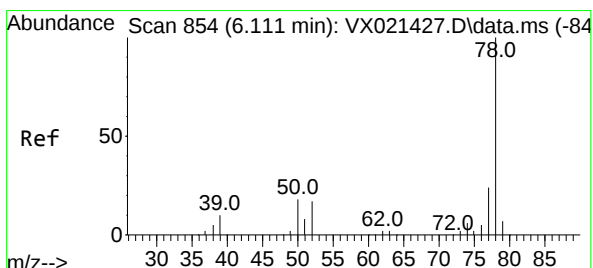
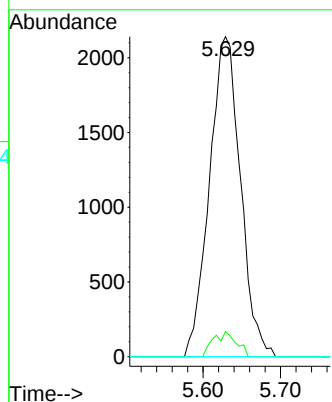
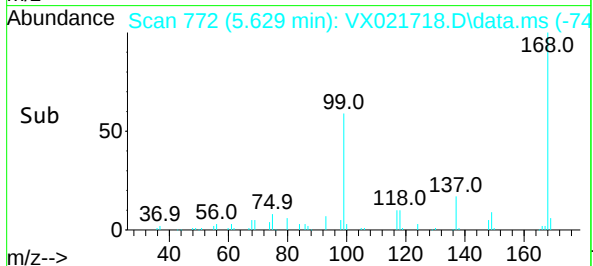


#38
Carbon Tetrachloride
Concen: 5.40 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.123 min
Lab File: VX021718.D
Acq: 01 Apr 2021 19:01

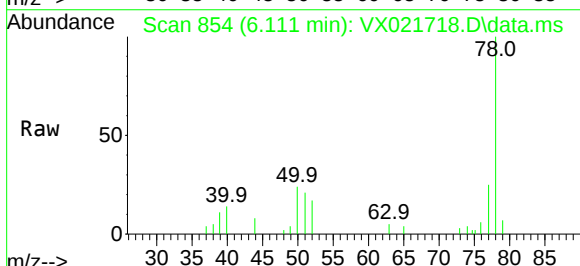
Instrument :
MSVOA_X
ClientSampleId :
MW-1R



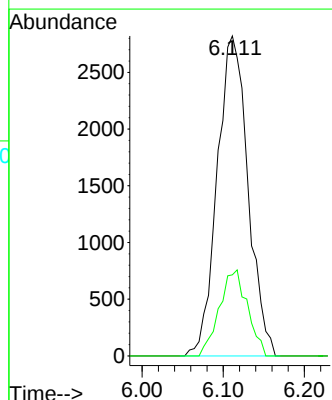
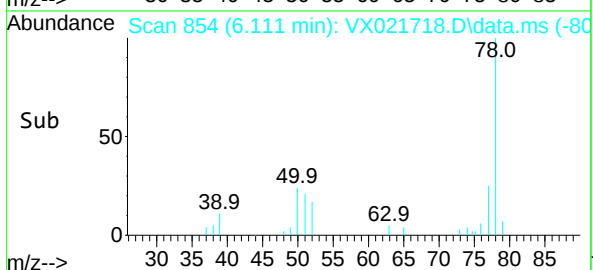
Tgt Ion: 117 Resp: 5961
Ion Ratio Lower Upper
117 100
119 7.8 76.2 114.2#
121 0.0 24.8 37.2#

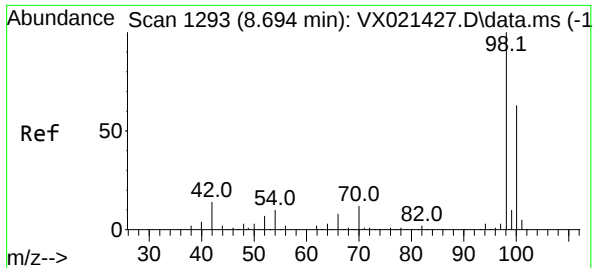


#40
Benzene
Concen: 2.55 ug/l
RT: 6.111 min Scan# 854
Delta R.T. 0.000 min
Lab File: VX021718.D
Acq: 01 Apr 2021 19:01



Tgt Ion: 78 Resp: 7433
Ion Ratio Lower Upper
78 100
77 25.3 18.9 28.3

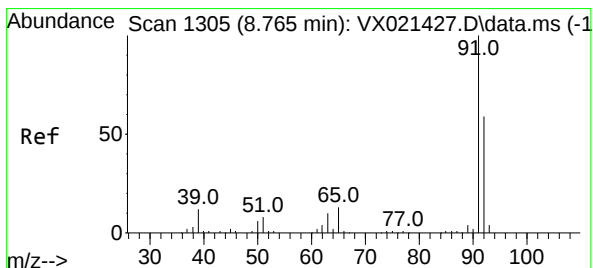
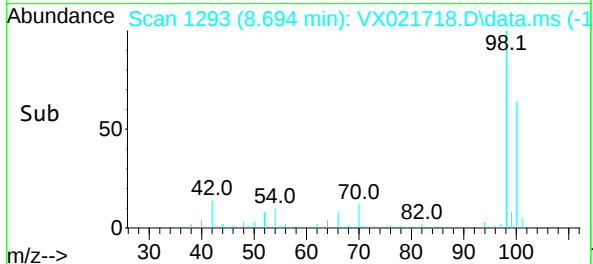
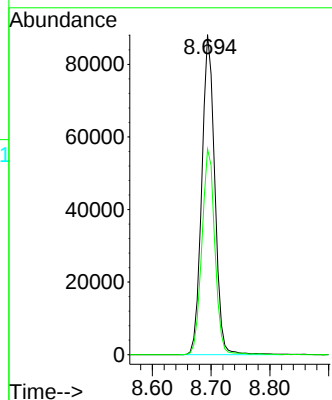
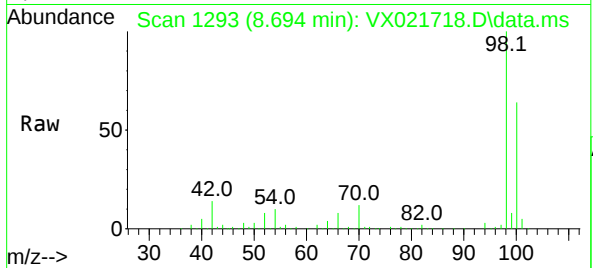




#50
Toluene-d8
Concen: 51.02 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021718.D
Acq: 01 Apr 2021 19:01

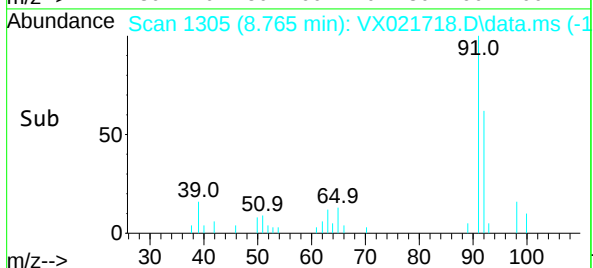
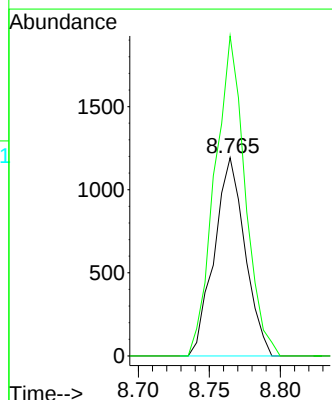
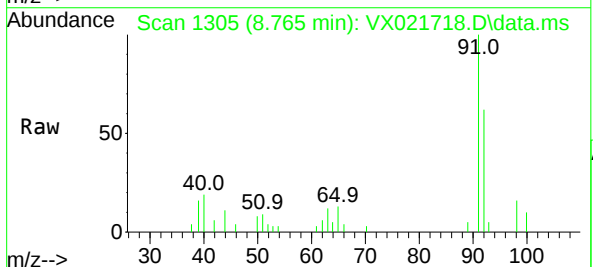
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

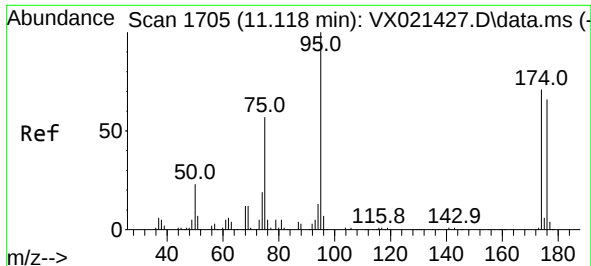
Tgt Ion: 98 Resp: 135409
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#52
Toluene
Concen: 1.00 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021718.D
Acq: 01 Apr 2021 19:01

Tgt Ion: 92 Resp: 1796
Ion Ratio Lower Upper
92 100
91 159.4 137.1 205.7

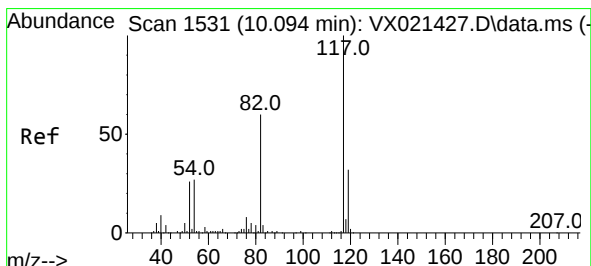
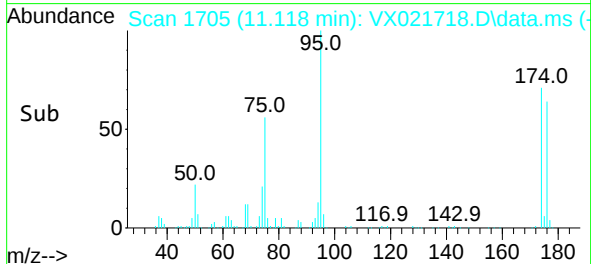
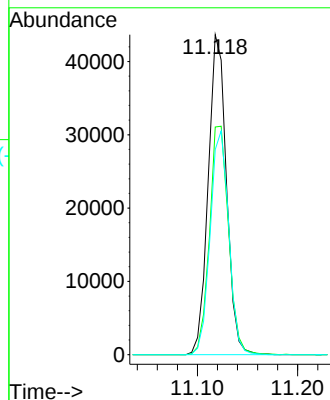
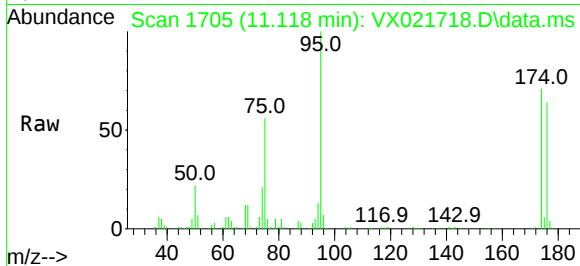




#62
4-Bromofluorobenzene
Concen: 53.54 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021718.D
Acq: 01 Apr 2021 19:01

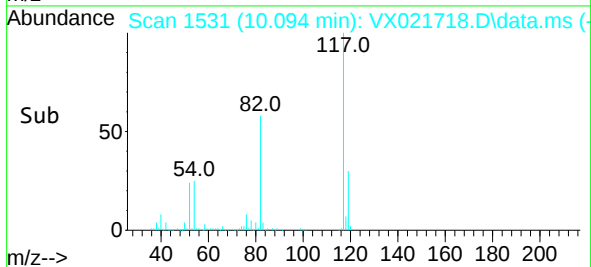
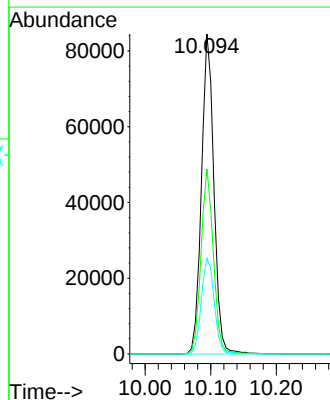
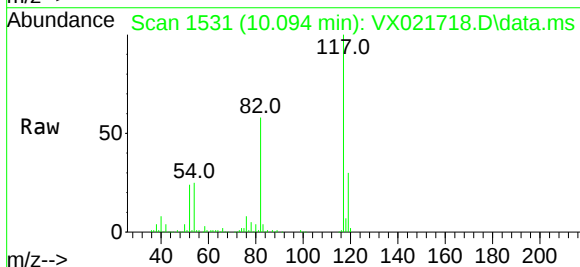
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

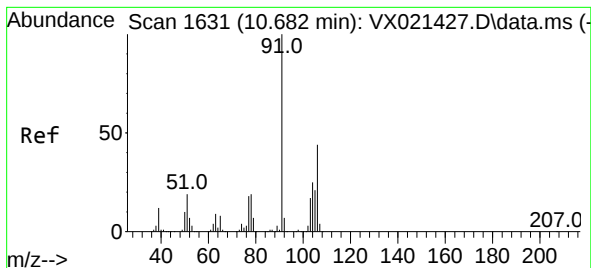
Tgt Ion: 95 Resp: 55244
Ion Ratio Lower Upper
95 100
174 74.9 0.0 154.6
176 71.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021718.D
Acq: 01 Apr 2021 19:01

Tgt Ion: 117 Resp: 111573
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 29.9 26.6 39.8

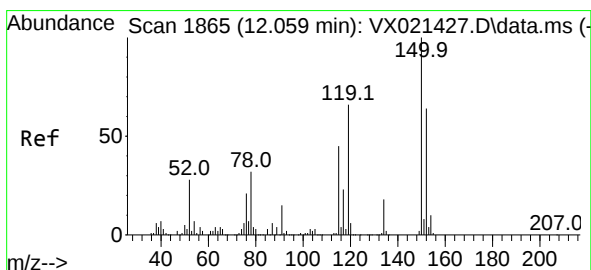
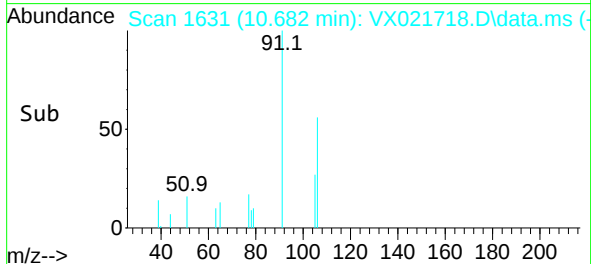
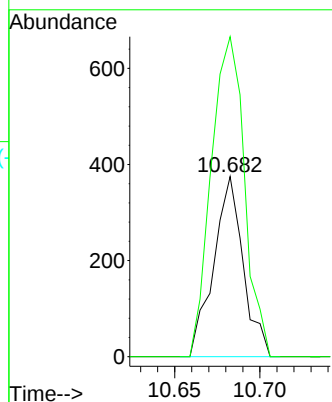
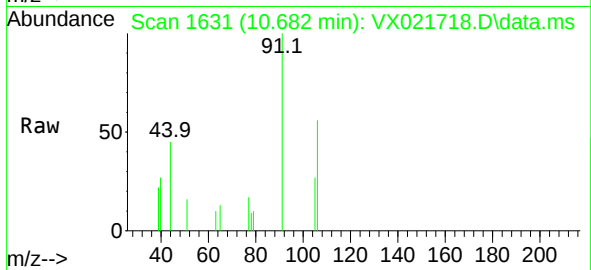




#69
o-Xylene
Concen: 0.32 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX021718.D
Acq: 01 Apr 2021 19:01

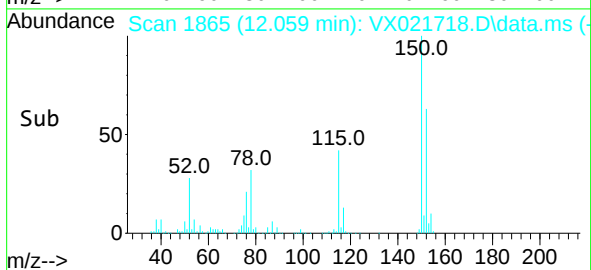
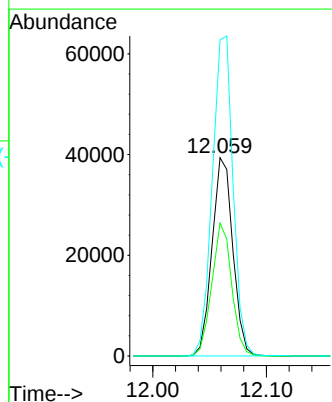
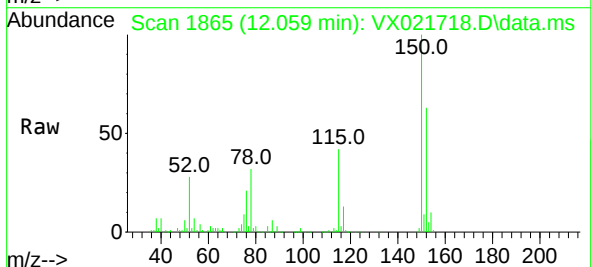
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

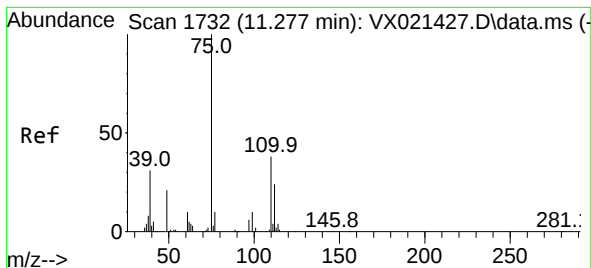
Tgt Ion:106 Resp: 452
Ion Ratio Lower Upper
106 100
91 199.8 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021718.D
Acq: 01 Apr 2021 19:01

Tgt Ion:152 Resp: 50035
Ion Ratio Lower Upper
152 100
115 64.0 41.1 123.3
150 161.2 0.0 349.0

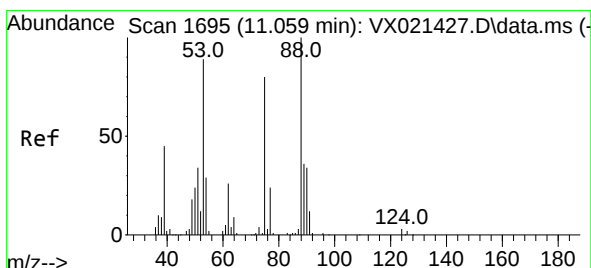
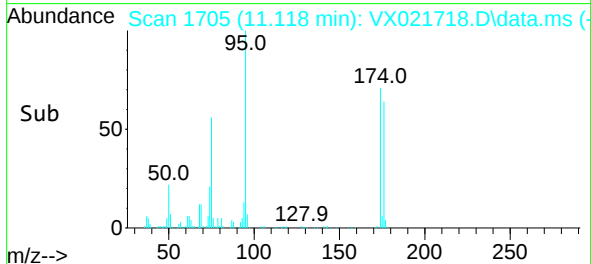
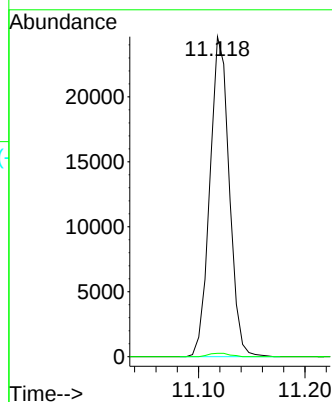
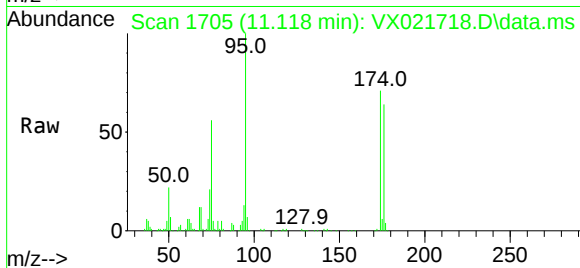




#76
1,2,3-Trichloropropane
Concen: 26.70 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021718.D
Acq: 01 Apr 2021 19:01

Instrument :
MSVOA_X
ClientSampleId :
MW-1R

Tgt Ion: 75 Resp: 31095
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.31 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021718.D
Acq: 01 Apr 2021 19:01

Tgt Ion: 75 Resp: 31095
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

