

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040121\
 Data File : VX021733.D
 Acq On : 02 Apr 2021 11:29
 Operator : JC/MD
 Sample : M1895-06DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7DL

Quant Time: Apr 03 02:02:24 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)

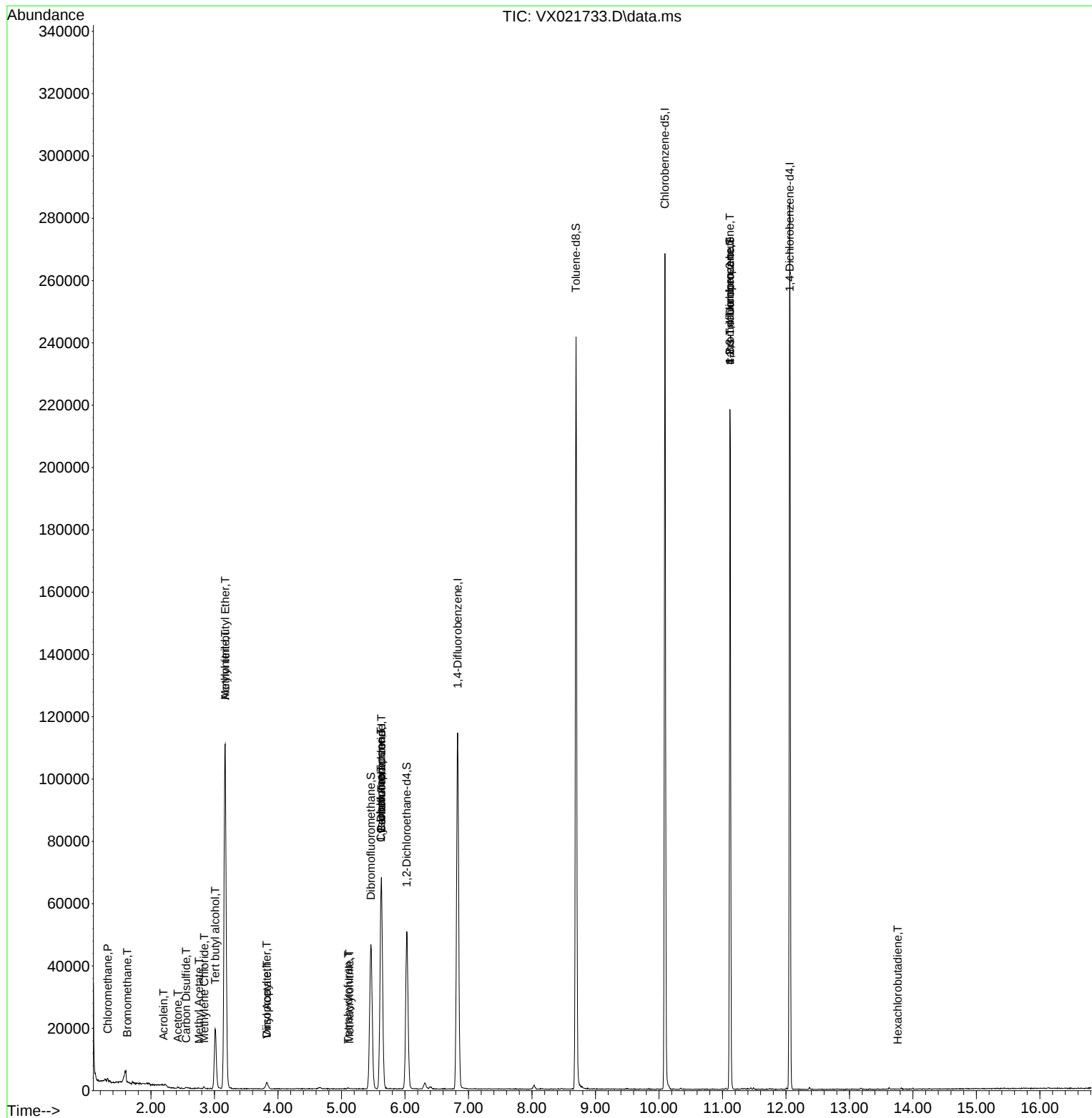
Internal Standards						
1) Pentafluorobenzene	5.629	168	59123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	107373	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	112649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	50869	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	49684	50.51	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.02%			
35) Dibromofluoromethane	5.464	113	38411	50.36	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.72%			
50) Toluene-d8	8.694	98	135054	49.69	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.38%			
62) 4-Bromofluorobenzene	11.118	95	57402	54.32	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.64%			
Target Compounds					Qvalue	
3) Chloromethane	1.316	50	1294	1.77	ug/l	90
5) Bromomethane	1.628	94	69	0.26	ug/l	81
11) Tert butyl alcohol	3.011	59	20093	123.55	ug/l	97
13) Acrolein	2.199	56	18	4.51	ug/l #	1
15) Acrylonitrile	3.170	53	1657	4.29	ug/l #	34
16) Acetone	2.422	43	485	1.30	ug/l	99
17) Carbon Disulfide	2.552	76	465	0.28	ug/l #	75
18) Methyl Acetate	2.758	43	307	0.29	ug/l #	47
19) Methyl tert-butyl Ether	3.170	73	116527	52.37	ug/l	97
20) Methylene Chloride	2.840	84	211	0.29	ug/l #	72
22) Diisopropyl ether	3.823	45	2113	0.90	ug/l #	80
23) Vinyl Acetate	3.828	43	1302	0.66	ug/l #	68
29) Tetrahydrofuran	5.105	42	202	0.55	ug/l #	27
31) Cyclohexane	5.623	56	1546	1.43	ug/l #	37
36) 1,1-Dichloropropene	5.623	75	5206	4.95	ug/l #	49
38) Carbon Tetrachloride	5.629	117	6559	5.80	ug/l #	16
41) Methacrylonitrile	5.123	41	203	0.29	ug/l #	37
76) 1,2,3-Trichloropropane	11.118	75	31370	26.49	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	31370	80.69	ug/l #	12
94) Hexachlorobutadiene	13.759	225	107	0.23	ug/l #	30

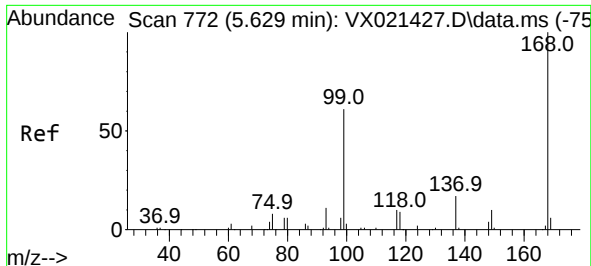
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
MW-7DL

Quant Time: Apr 03 02:02:24 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

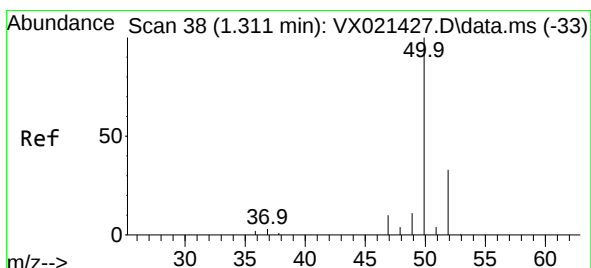
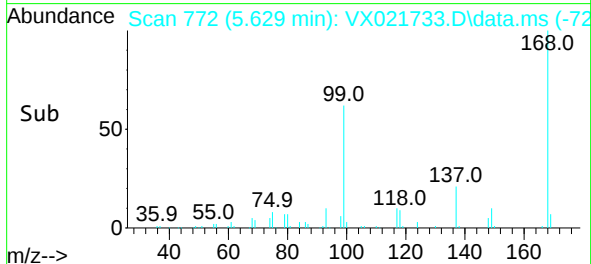
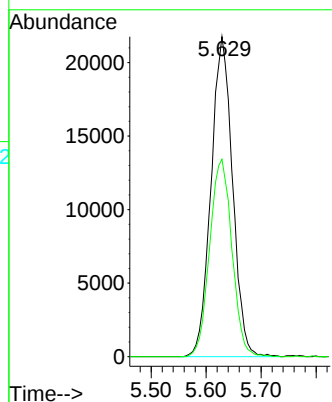
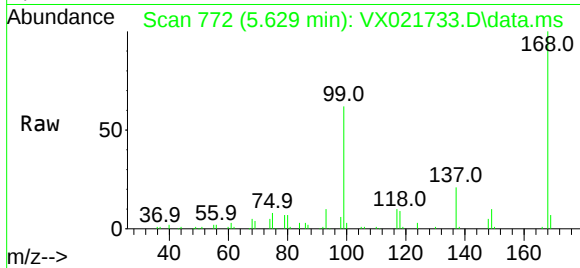




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021733.D
Acq: 02 Apr 2021 11:29

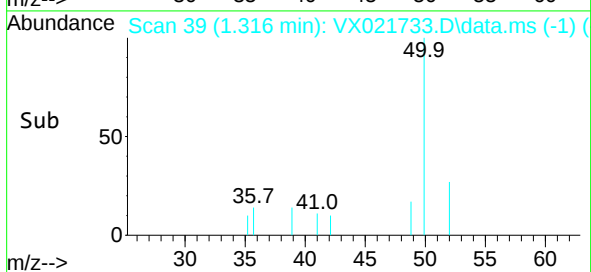
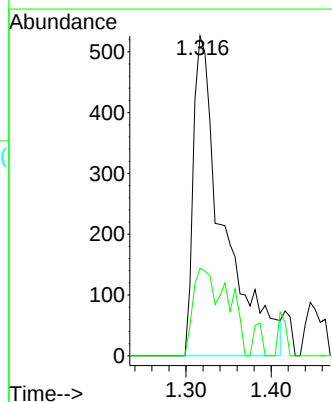
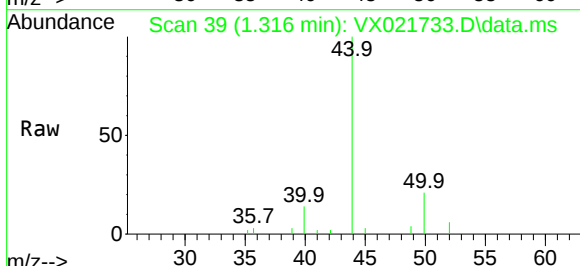
Instrument :
MSVOA_X
ClientSampleId :
MW-7DL

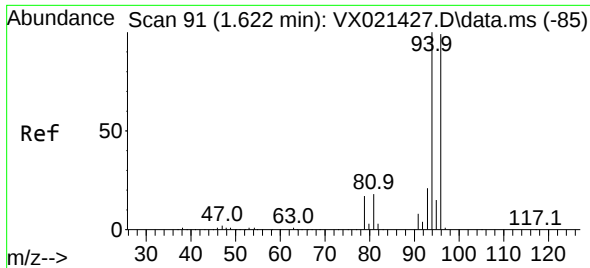
Tgt Ion:168 Resp: 59123
Ion Ratio Lower Upper
168 100
99 61.7 45.8 68.6



#3
Chloromethane
Concen: 1.77 ug/l
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021733.D
Acq: 02 Apr 2021 11:29

Tgt Ion: 50 Resp: 1294
Ion Ratio Lower Upper
50 100
52 27.4 26.4 39.6

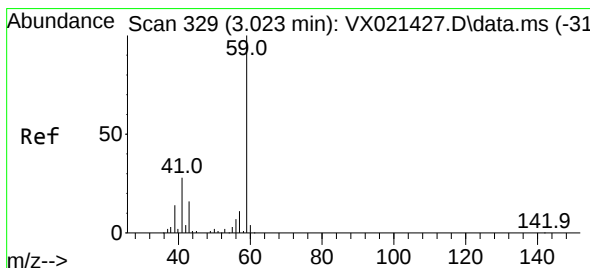
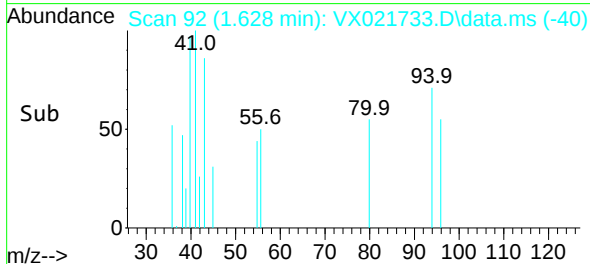
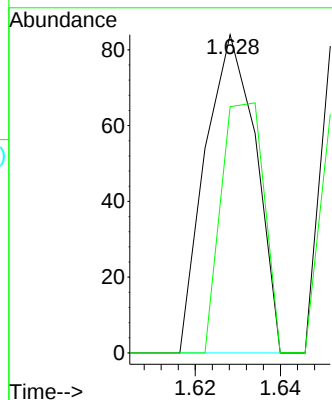
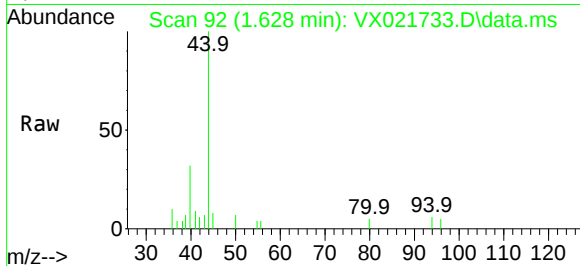




#5
Bromomethane
Concen: 0.26 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: VX021733.D
Acq: 02 Apr 2021 11:29

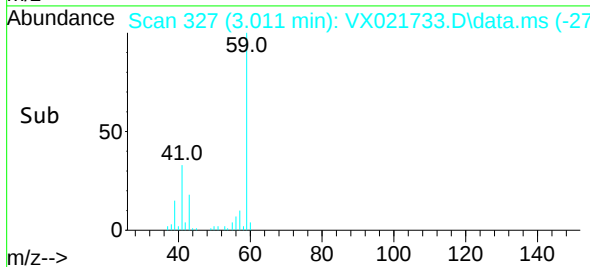
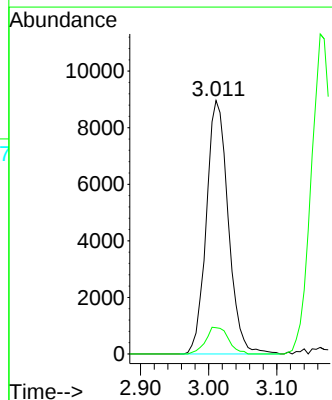
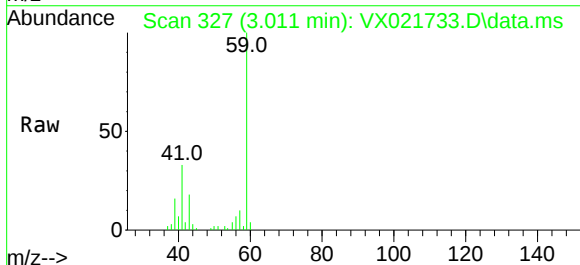
Instrument :
MSVOA_X
ClientSampled :
MW-7DL

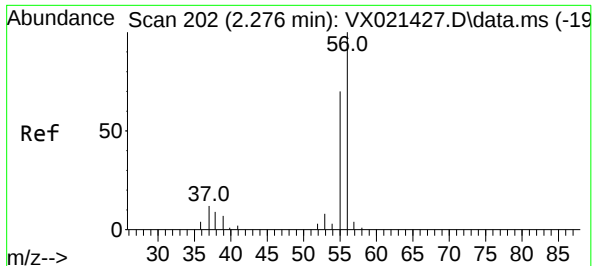
Tgt Ion: 94 Resp: 69
Ion Ratio Lower Upper
94 100
96 77.4 76.4 114.6



#11
Tert butyl alcohol
Concen: 123.55 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.012 min
Lab File: VX021733.D
Acq: 02 Apr 2021 11:29

Tgt Ion: 59 Resp: 20093
Ion Ratio Lower Upper
59 100
57 10.9 7.8 11.8

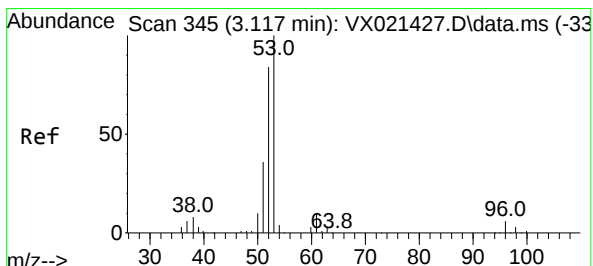
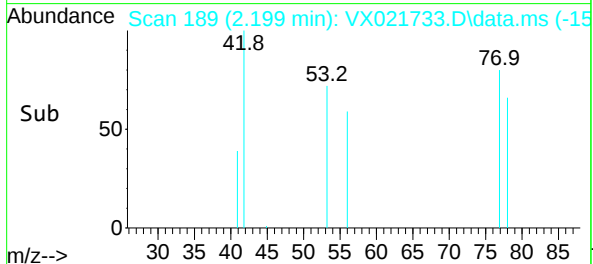
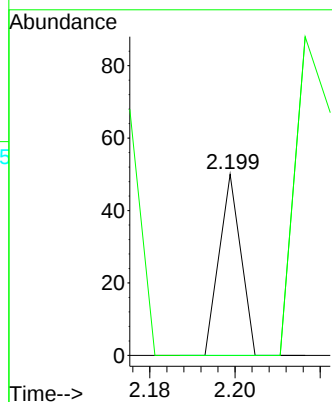
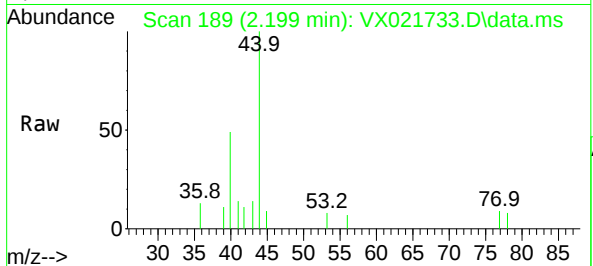




#13
Acrolein
Concen: 4.51 ug/l
RT: 2.199 min Scan# 189
Delta R.T. -0.077 min
Lab File: VX021733.D
Acq: 02 Apr 2021 11:29

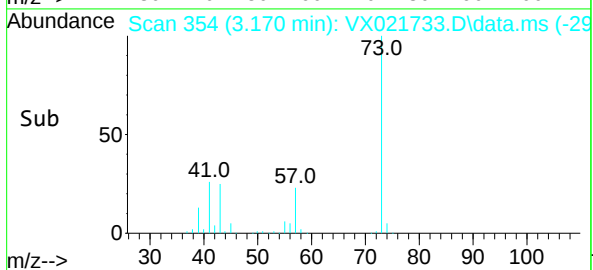
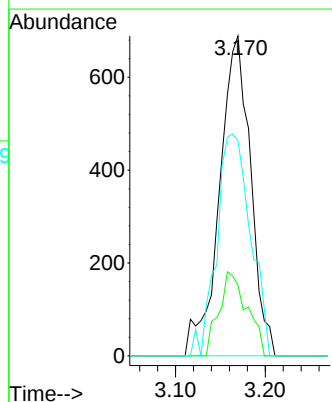
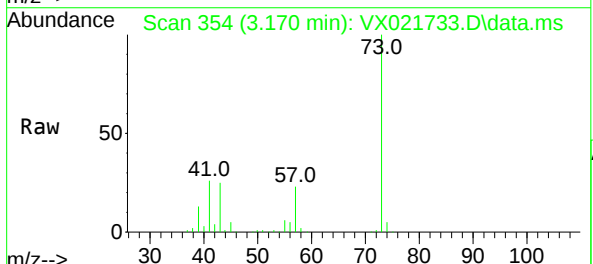
Instrument :
MSVOA_X
ClientSampled :
MW-7DL

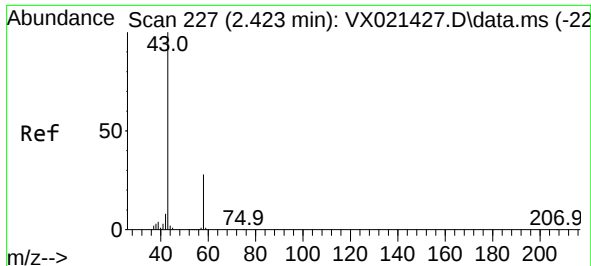
Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 305.6 56.4 84.6#



#15
Acrylonitrile
Concen: 4.29 ug/l
RT: 3.170 min Scan# 354
Delta R.T. 0.053 min
Lab File: VX021733.D
Acq: 02 Apr 2021 11:29

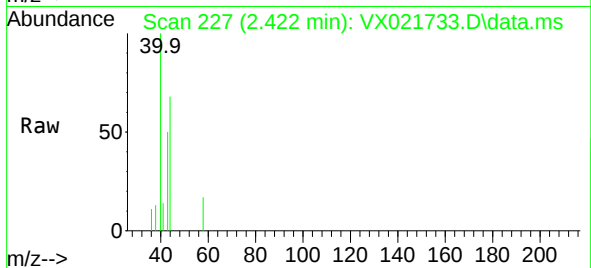
Tgt Ion: 53 Resp: 1657
Ion Ratio Lower Upper
53 100
52 23.7 65.3 97.9#
51 75.3 28.2 42.2#



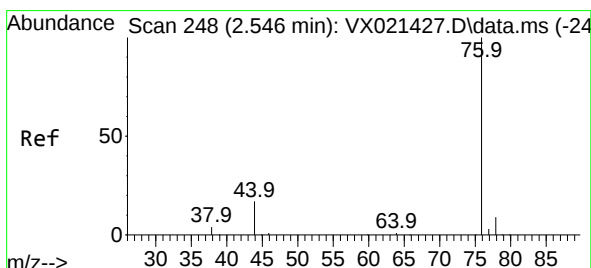
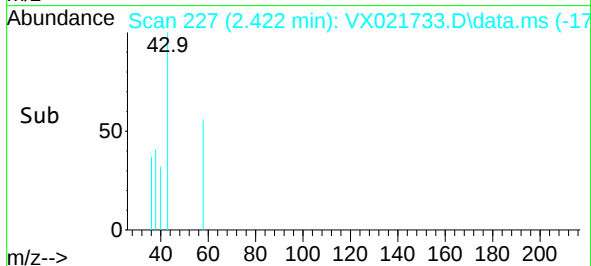
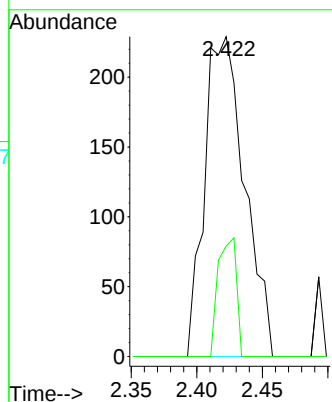


#16
Acetone
Concen: 1.30 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021733.D
Acq: 02 Apr 2021 11:29

Instrument :
MSVOA_X
ClientSampled :
MW-7DL

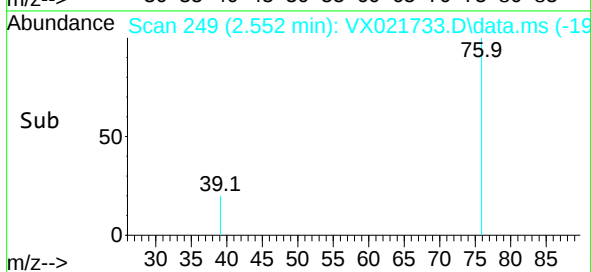
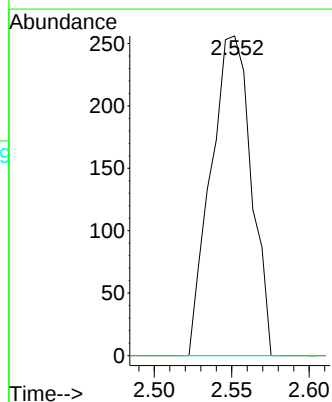
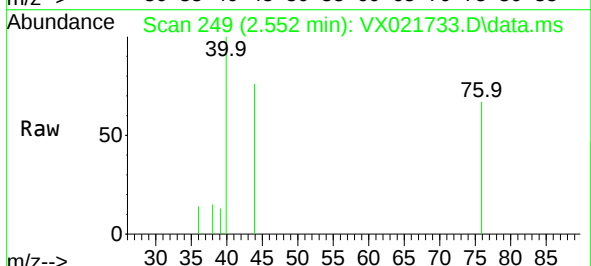


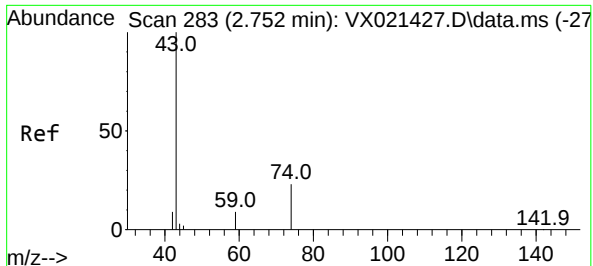
Tgt Ion: 43 Resp: 485
Ion Ratio Lower Upper
43 100
58 34.5 27.8 41.8



#17
Carbon Disulfide
Concen: 0.28 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX021733.D
Acq: 02 Apr 2021 11:29

Tgt Ion: 76 Resp: 465
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: 0.29 ug/l

RT: 2.758 min Scan# 284

Delta R.T. 0.006 min

Lab File: VX021733.D

Acq: 02 Apr 2021 11:29

Instrument :

MSVOA_X

ClientSampleId :

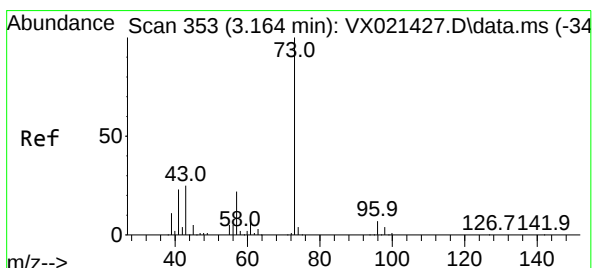
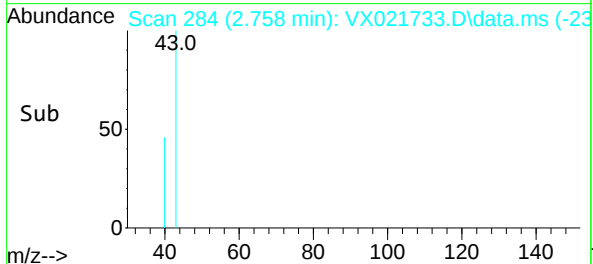
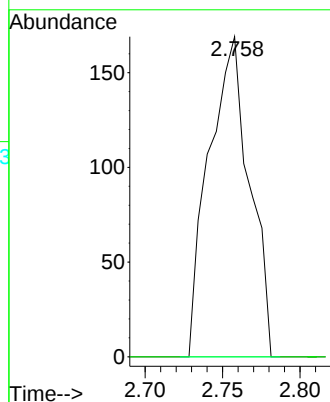
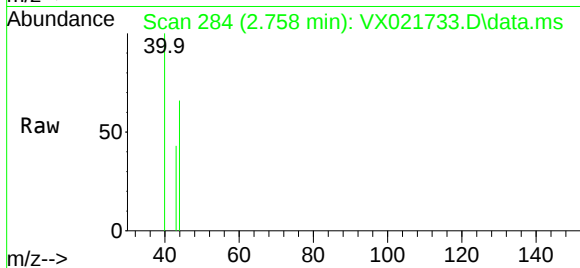
MW-7DL

Tgt Ion: 43 Resp: 307

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#



#19

Methyl tert-butyl Ether

Concen: 52.37 ug/l

RT: 3.170 min Scan# 354

Delta R.T. 0.006 min

Lab File: VX021733.D

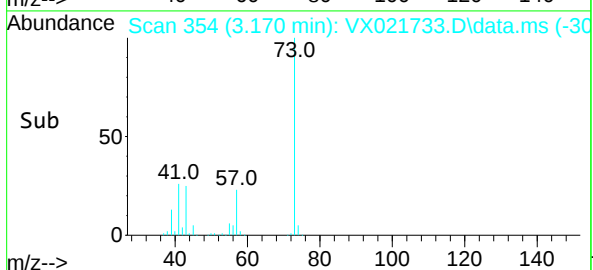
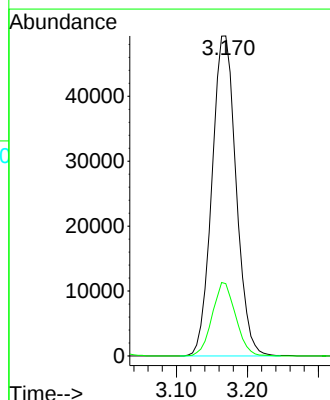
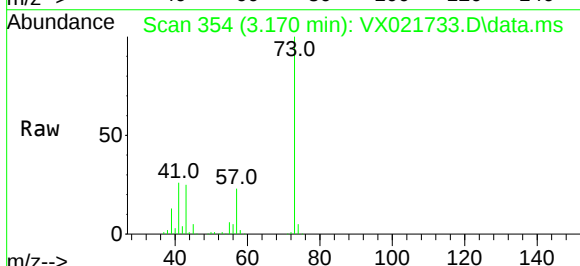
Acq: 02 Apr 2021 11:29

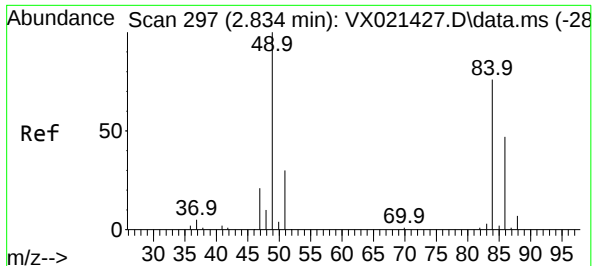
Tgt Ion: 73 Resp: 116527

Ion Ratio Lower Upper

73 100

57 22.6 17.1 25.7





#20

Methylene Chloride

Concen: 0.29 ug/l

RT: 2.840 min Scan# 298

Delta R.T. 0.006 min

Lab File: VX021733.D

Acq: 02 Apr 2021 11:29

Tgt Ion: 84 Resp: 211

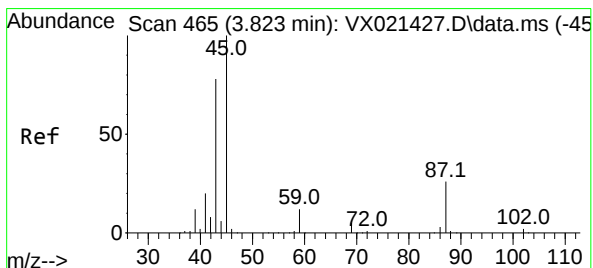
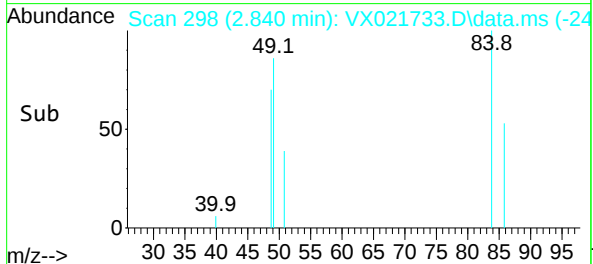
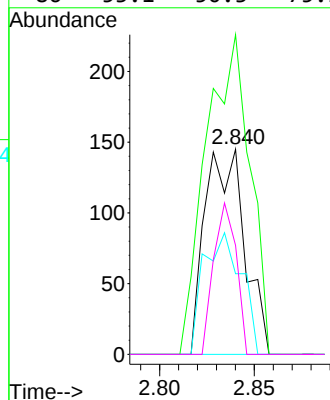
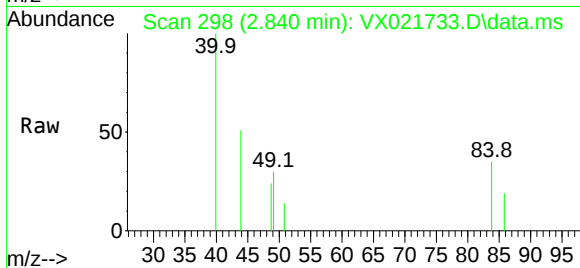
Ion Ratio Lower Upper

84 100

49 155.9 88.6 132.8#

51 39.3 27.0 40.6

86 53.1 50.3 75.5



#22

Diisopropyl ether

Concen: 0.90 ug/l

RT: 3.823 min Scan# 465

Delta R.T. -0.000 min

Lab File: VX021733.D

Acq: 02 Apr 2021 11:29

Tgt Ion: 45 Resp: 2113

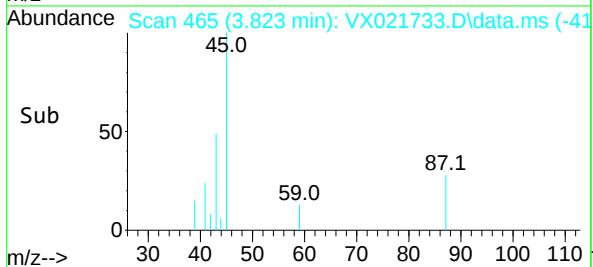
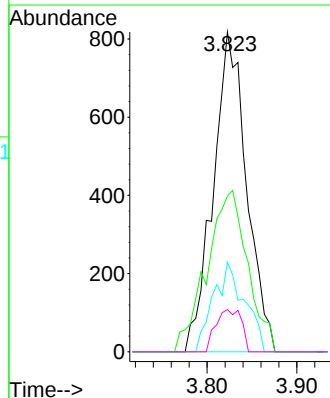
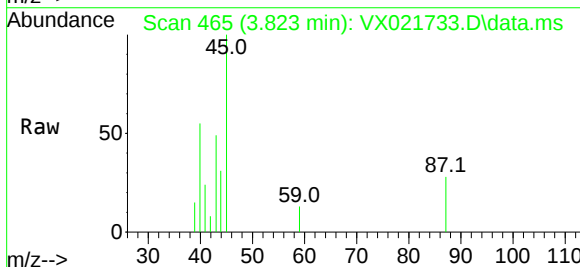
Ion Ratio Lower Upper

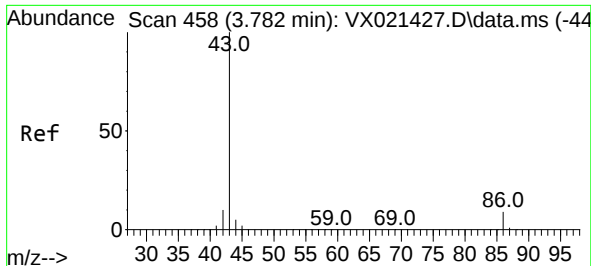
45 100

43 48.7 58.0 87.0#

87 28.0 25.4 38.0

59 13.2 10.2 15.2

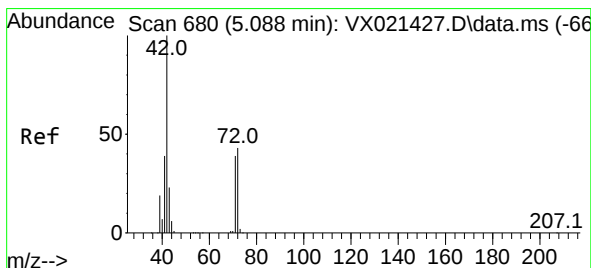
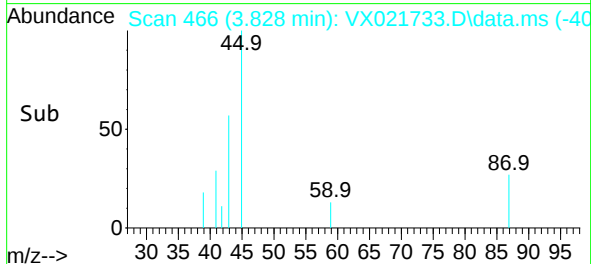
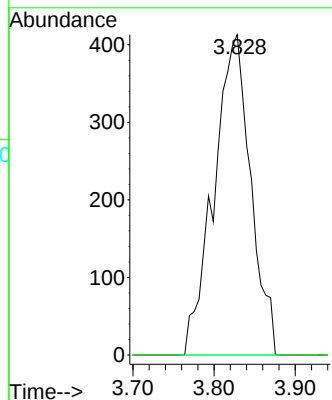
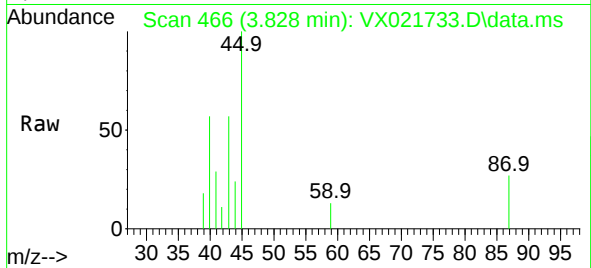




#23
 Vinyl Acetate
 Concen: 0.66 ug/l
 RT: 3.828 min Scan# 466
 Delta R.T. 0.046 min
 Lab File: VX021733.D
 Acq: 02 Apr 2021 11:29

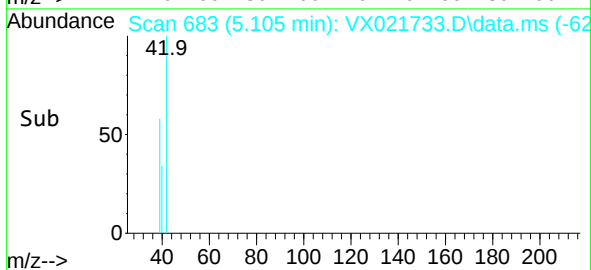
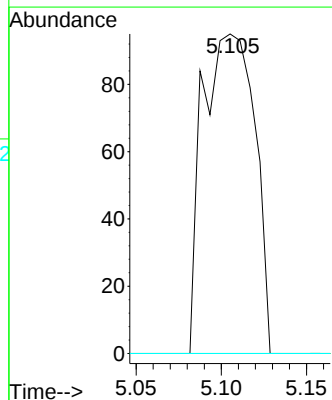
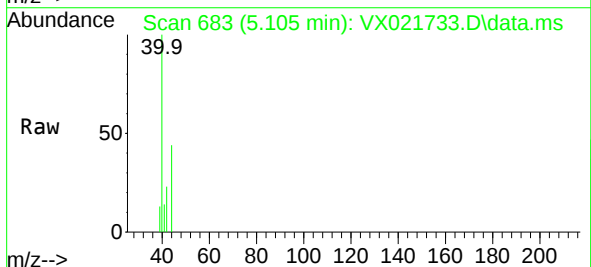
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7DL

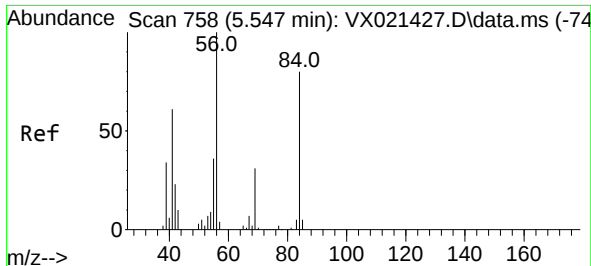
Tgt Ion: 43 Resp: 1302
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.9 14.9#



#29
 Tetrahydrofuran
 Concen: 0.55 ug/l
 RT: 5.105 min Scan# 683
 Delta R.T. 0.017 min
 Lab File: VX021733.D
 Acq: 02 Apr 2021 11:29

Tgt Ion: 42 Resp: 202
 Ion Ratio Lower Upper
 42 100
 72 0.0 41.7 62.5#
 71 0.0 38.4 57.6#

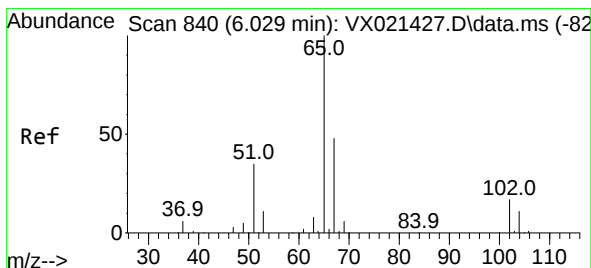
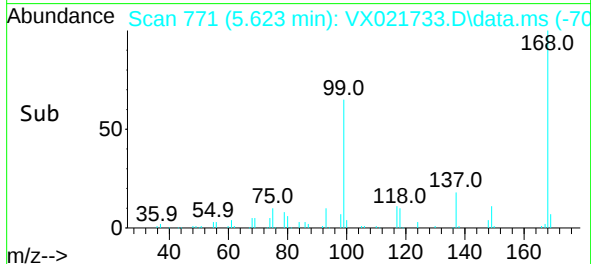
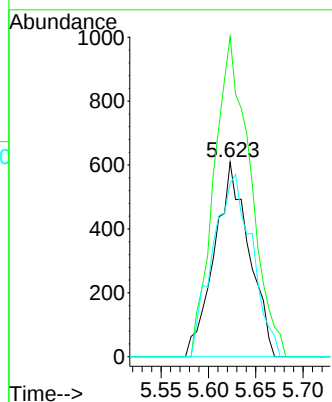
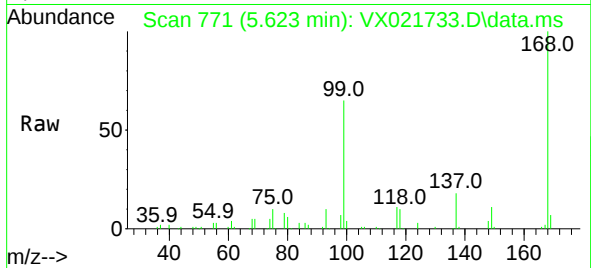




#31
Cyclohexane
Concen: 1.43 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021733.D
Acq: 02 Apr 2021 11:29

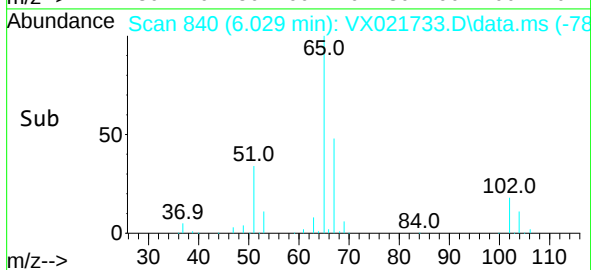
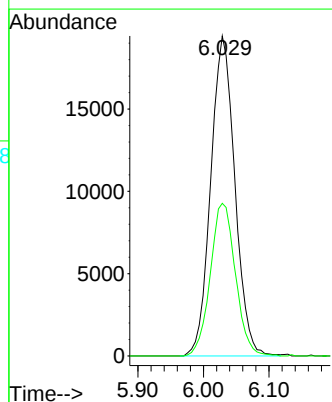
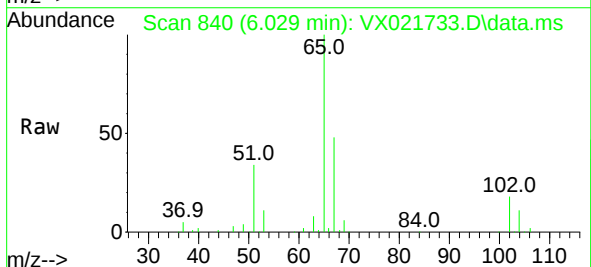
Instrument :
MSVOA_X
ClientSampleId :
MW-7DL

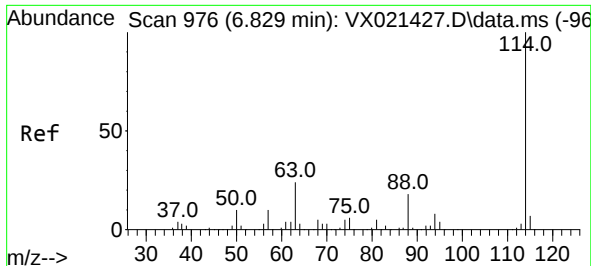
Tgt Ion: 56 Resp: 1546
Ion Ratio Lower Upper
56 100
69 164.5 25.3 37.9#
84 89.2 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 50.51 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021733.D
Acq: 02 Apr 2021 11:29

Tgt Ion: 65 Resp: 49684
Ion Ratio Lower Upper
65 100
67 49.6 0.0 105.4

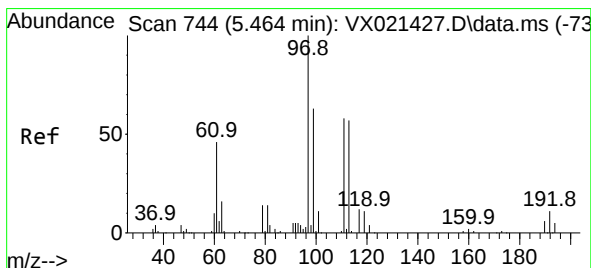
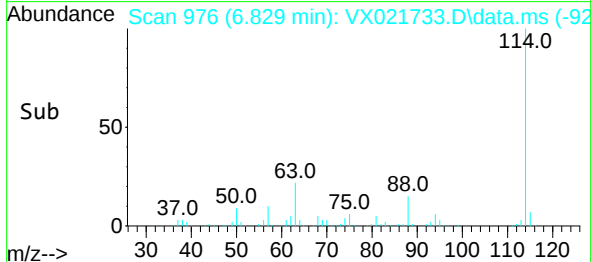
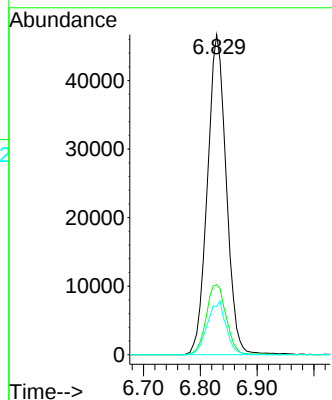
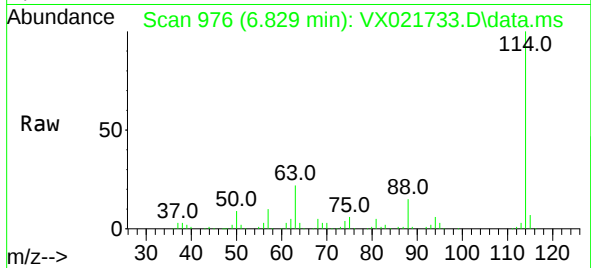




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021733.D
Acq: 02 Apr 2021 11:29

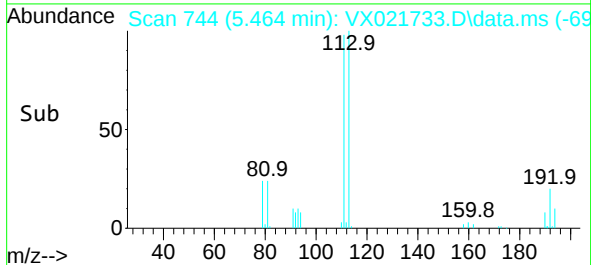
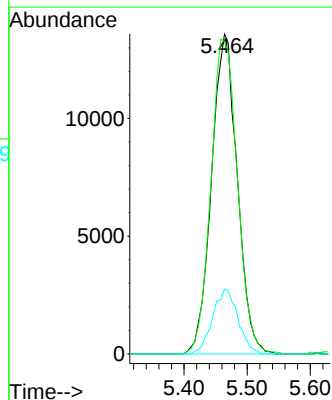
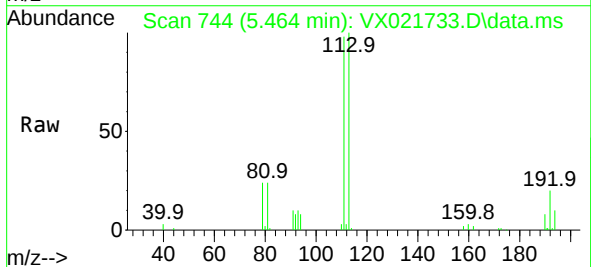
Instrument :
MSVOA_X
ClientSampleId :
MW-7DL

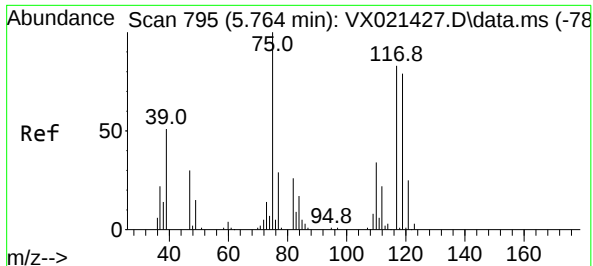
Tgt Ion:114 Resp: 107373
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.8
88 15.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.36 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021733.D
Acq: 02 Apr 2021 11:29

Tgt Ion:113 Resp: 38411
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 19.9 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.95 ug/l

RT: 5.623 min Scan# 771

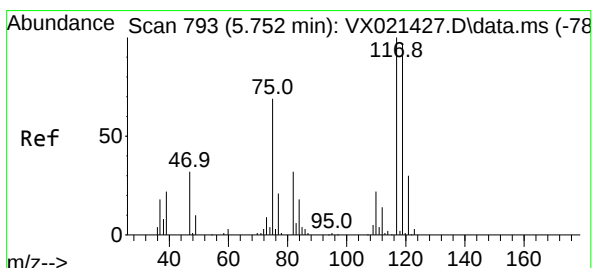
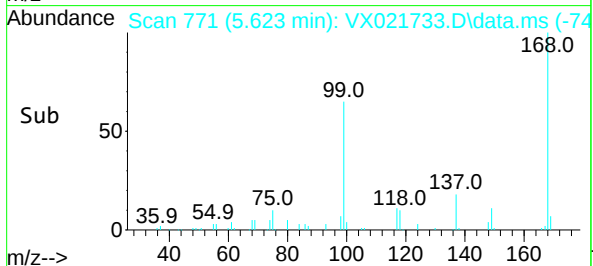
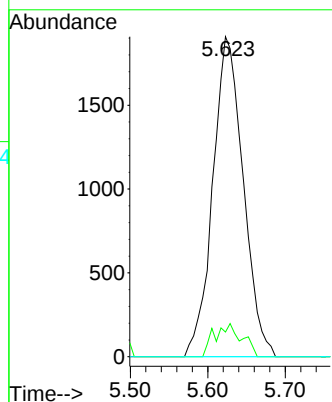
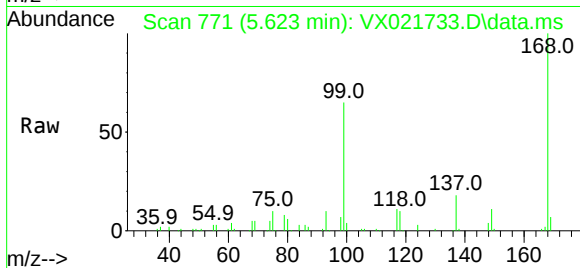
Delta R.T. -0.141 min

Lab File: VX021733.D

Acq: 02 Apr 2021 11:29

Tgt Ion:	75	Resp:	5206
Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :
MW-7DL



#38

Carbon Tetrachloride

Concen: 5.80 ug/l

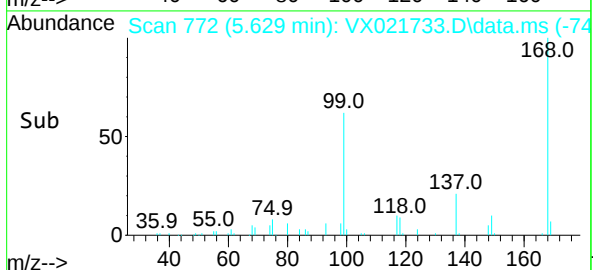
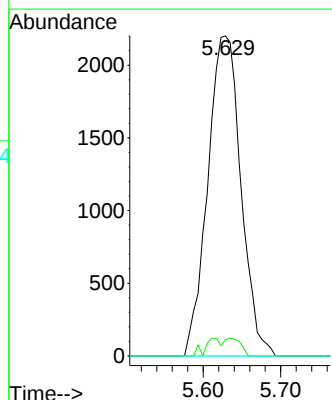
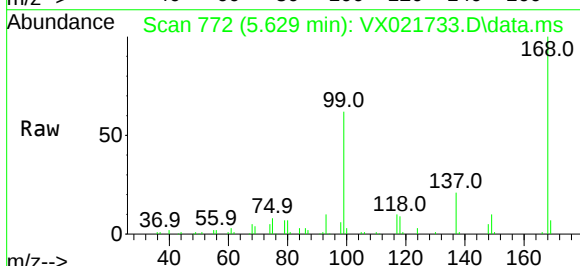
RT: 5.629 min Scan# 772

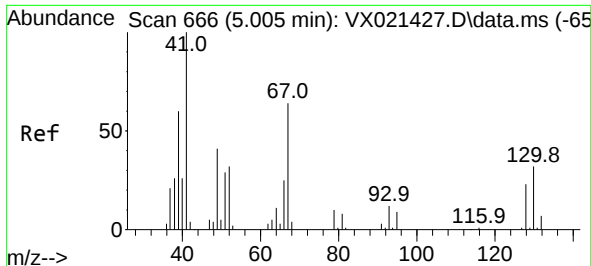
Delta R.T. -0.123 min

Lab File: VX021733.D

Acq: 02 Apr 2021 11:29

Tgt Ion:	117	Resp:	6559
Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.2	114.2#
121	0.0	24.8	37.2#

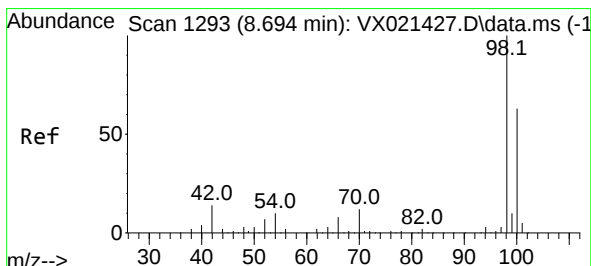
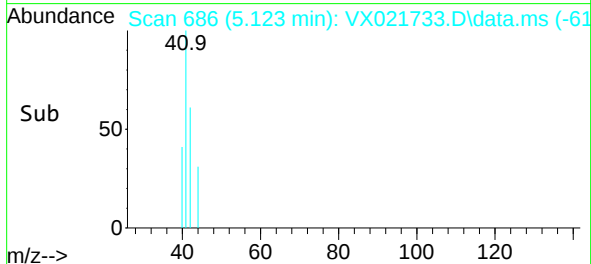
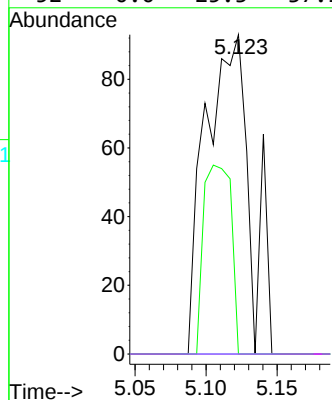
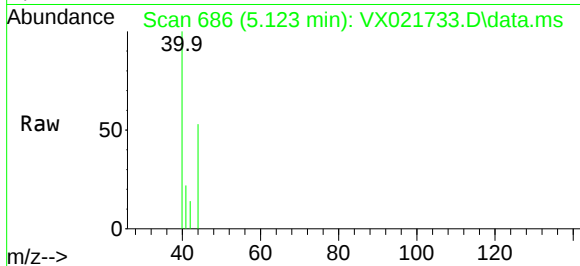




#41
Methacrylonitrile
Concen: 0.29 ug/l
RT: 5.123 min Scan# 686
Delta R.T. 0.118 min
Lab File: VX021733.D
Acq: 02 Apr 2021 11:29

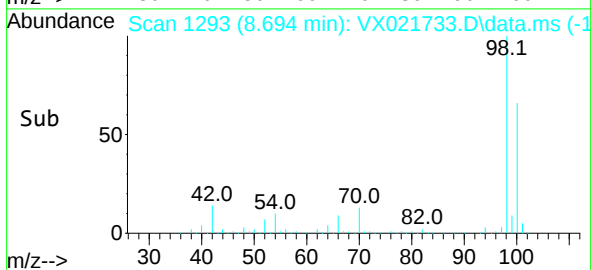
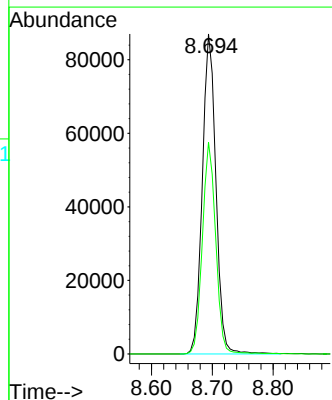
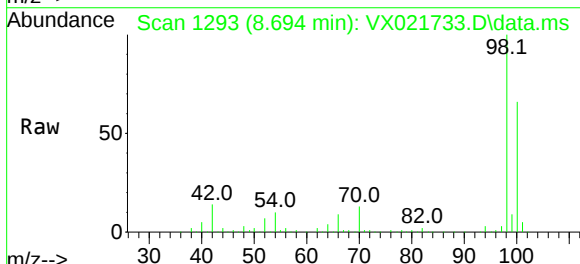
Instrument :
MSVOA_X
ClientSampleId :
MW-7DL

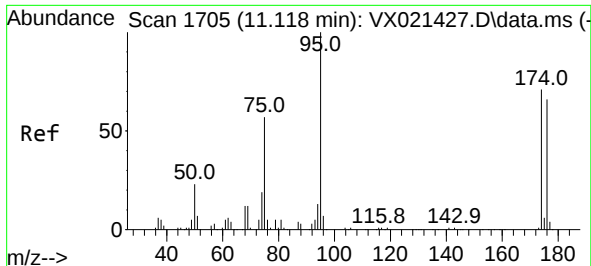
Tgt Ion:	41	Resp:	203
Ion	Ratio	Lower	Upper
41	100		
39	36.5	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#50
Toluene-d8
Concen: 49.69 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021733.D
Acq: 02 Apr 2021 11:29

Tgt Ion:	98	Resp:	135054
Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.9	77.9

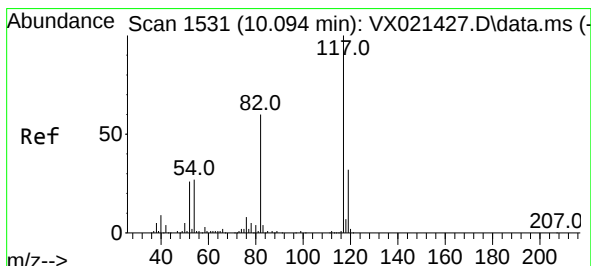
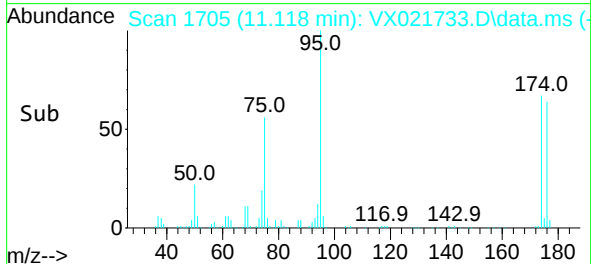
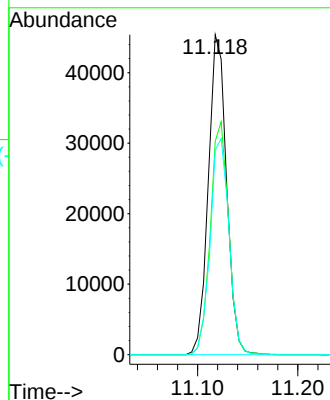
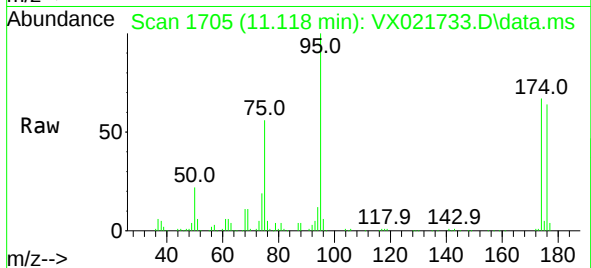




#62
4-Bromofluorobenzene
Concen: 54.32 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021733.D
Acq: 02 Apr 2021 11:29

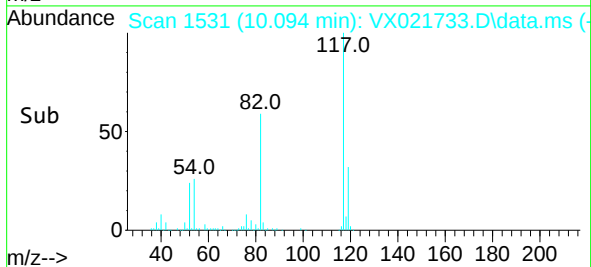
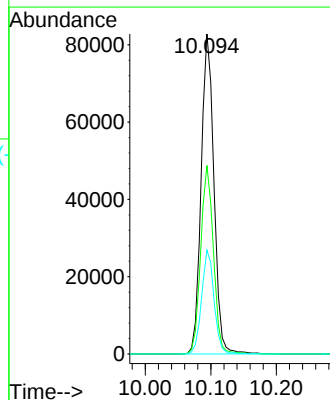
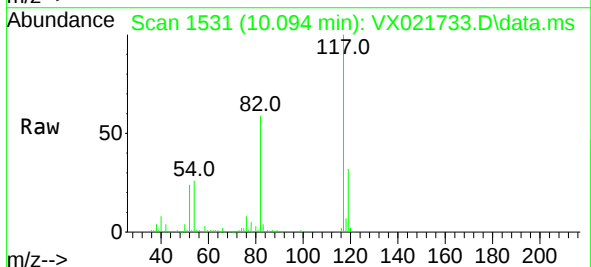
Instrument :
MSVOA_X
ClientSampleId :
MW-7DL

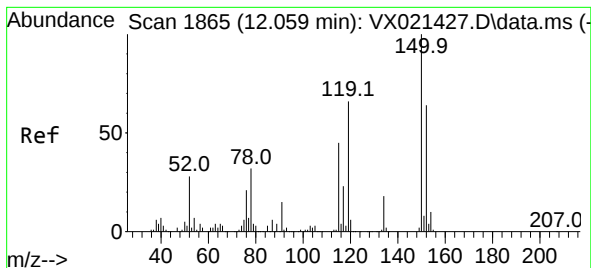
Tgt Ion: 95 Resp: 57402
Ion Ratio Lower Upper
95 100
174 73.3 0.0 154.6
176 69.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021733.D
Acq: 02 Apr 2021 11:29

Tgt Ion: 117 Resp: 112649
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 32.5 26.6 39.8

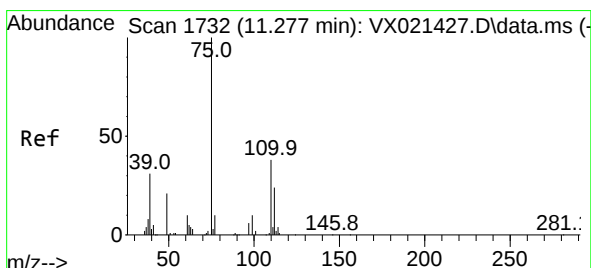
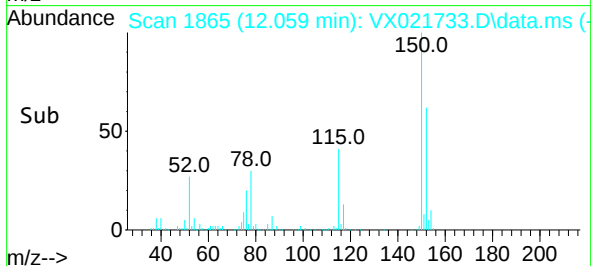
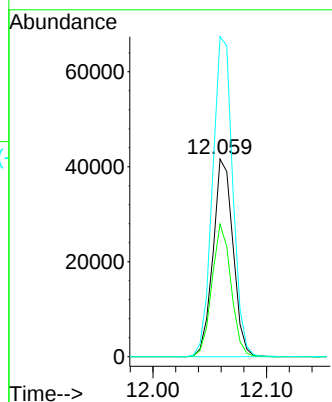
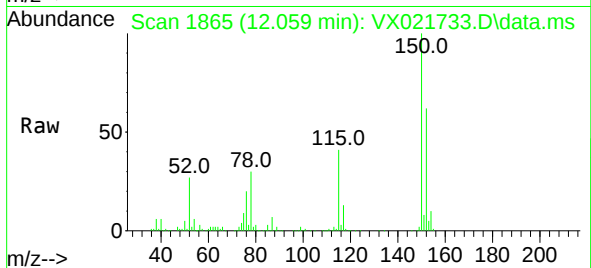




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VX021733.D
Acq: 02 Apr 2021 11:29

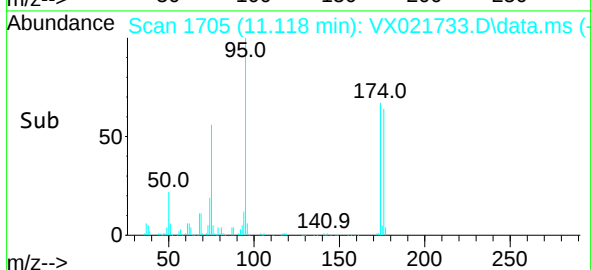
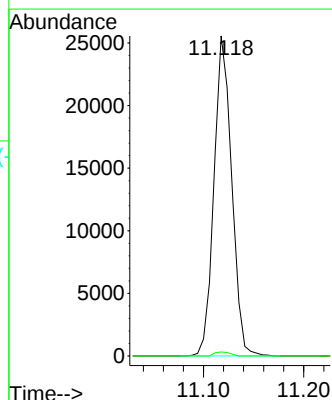
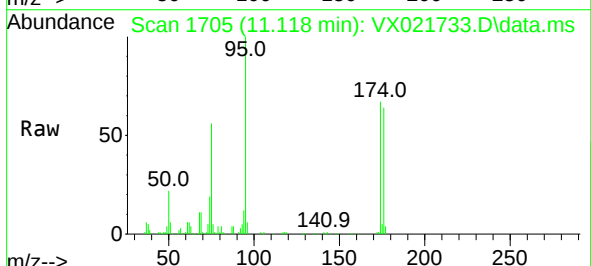
Instrument :
MSVOA_X
ClientSampleId :
MW-7DL

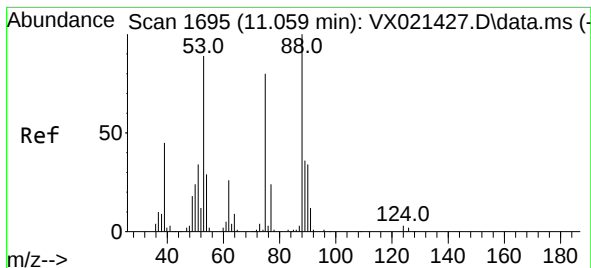
Tgt Ion:152 Resp: 50869
Ion Ratio Lower Upper
152 100
115 64.1 41.1 123.3
150 163.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.49 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021733.D
Acq: 02 Apr 2021 11:29

Tgt Ion: 75 Resp: 31370
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

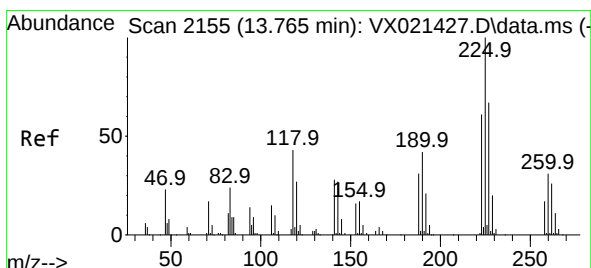
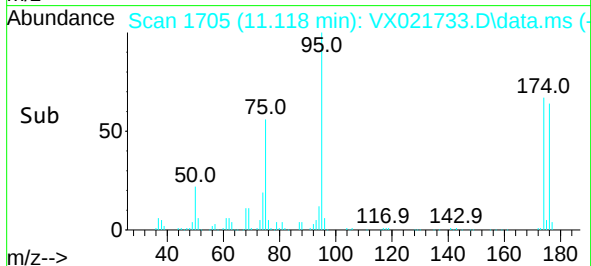
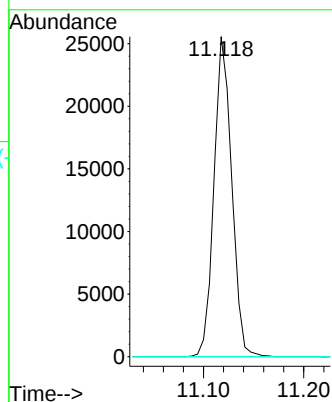
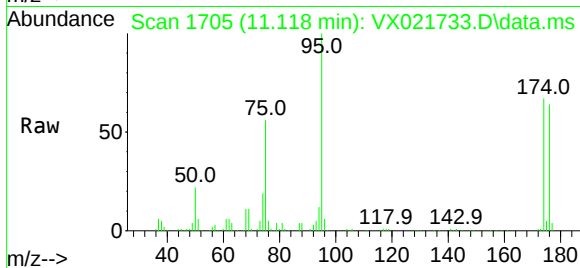




#81
trans-1,4-Dichloro-2-butene
Concen: 80.69 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021733.D
Acq: 02 Apr 2021 11:29

Instrument :
MSVOA_X
ClientSampleId :
MW-7DL

Tgt Ion: 75 Resp: 31370
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 0.23 ug/l
RT: 13.759 min Scan# 2154
Delta R.T. -0.006 min
Lab File: VX021733.D
Acq: 02 Apr 2021 11:29

Tgt Ion: 225 Resp: 107
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 16.8 31.6 95.0#

