

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
 Data File : VX023785.D
 Acq On : 18 Aug 2021 00:43
 Operator : JC/MD
 Sample : M3424-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 18N

Quant Time: Aug 18 07:01:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

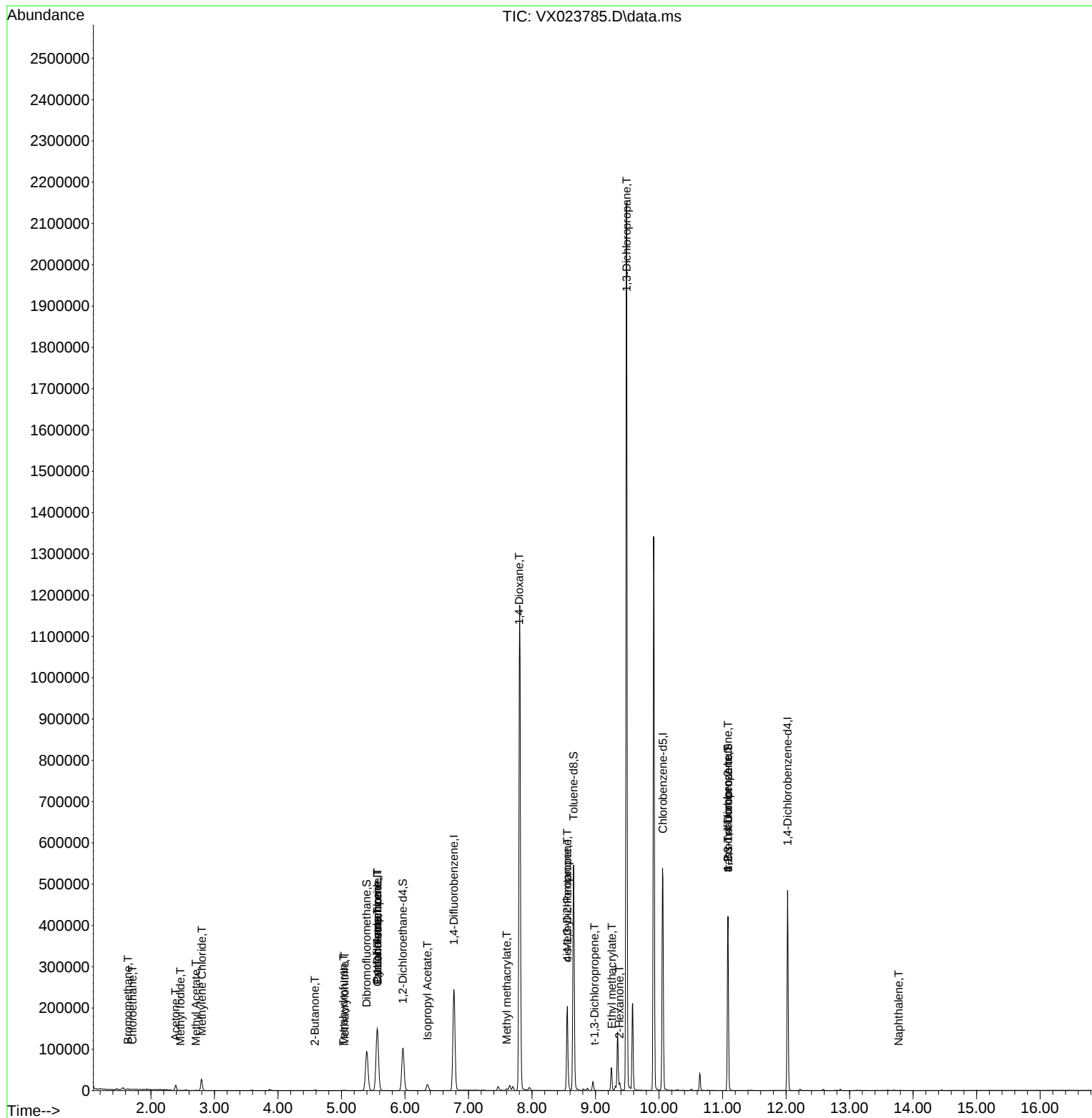
Internal Standards						
1) Pentafluorobenzene	5.562	168	142050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	243456	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	235840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101585	51.239	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	= 102.480%		
35) Dibromofluoromethane	5.397	113	80889	50.199	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 100.400%		
50) Toluene-d8	8.653	98	310001	50.547	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	= 101.100%		
62) 4-Bromofluorobenzene	11.085	95	104734	46.389	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 92.780%		
Target Compounds						Qvalue
5) Bromomethane	1.636	94	636	0.630	ug/l #	55
6) Chloroethane	1.709	64	456	2.542	ug/l #	43
10) Methyl Iodide	2.465	142	628	0.316	ug/l #	81
16) Acetone	2.386	43	13757	15.519	ug/l #	84
18) Methyl Acetate	2.709	43	1030	0.465	ug/l #	85
20) Methylene Chloride	2.800	84	11677	6.896	ug/l	94
25) 2-Butanone	4.580	43	1793	1.335	ug/l	93
29) Tetrahydrofuran	5.032	42	422	0.485	ug/l #	68
31) Cyclohexane	5.562	56	3208	1.259	ug/l #	18
36) 1,1-Dichloropropene	5.562	75	11561	5.128	ug/l #	45
38) Carbon Tetrachloride	5.568	117	14282	6.075	ug/l #	17
41) Methacrylonitrile	5.050	41	556	0.370	ug/l #	28
43) Isopropyl Acetate	6.354	43	20129	4.643	ug/l #	89
48) Methyl methacrylate	7.604	41	5769	2.728	ug/l #	10
49) 1,4-Dioxane	7.799	88	66	1.477	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	71468	25.504	ug/l #	44
53) t-1,3-Dichloropropene	8.982	75	116	2.176	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	30064	11.133	ug/l #	70
56) Ethyl methacrylate	9.256	69	182	0.818	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	16948	5.745	ug/l #	42
59) 2-Hexanone	9.378	43	8210	3.812	ug/l #	19
76) 1,2,3-Trichloropropane	11.085	75	55994	25.318	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55994	74.473	ug/l #	12
95) Naphthalene	13.774	128	428	1.343	ug/l #	69

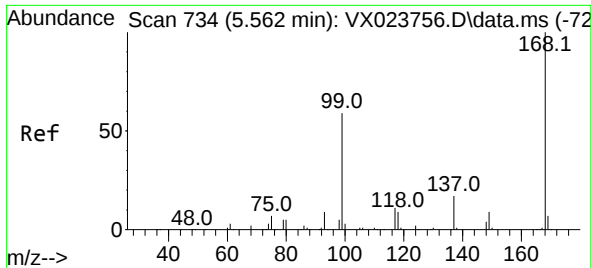
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
Data File : VX023785.D
Acq On : 18 Aug 2021 00:43
Operator : JC/MD
Sample : M3424-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
18N

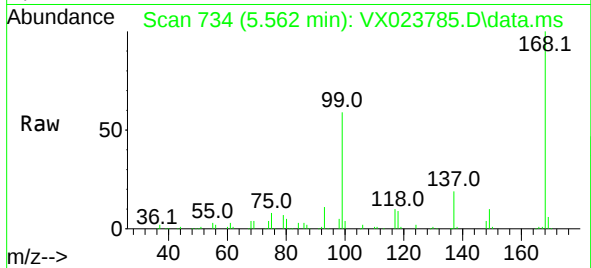
Quant Time: Aug 18 07:01:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration



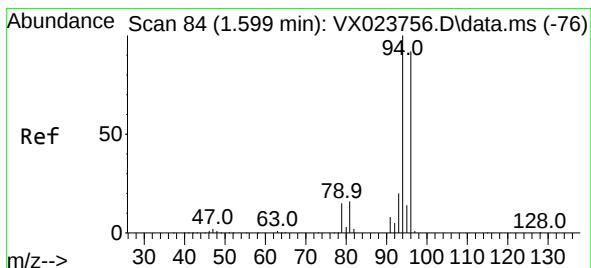
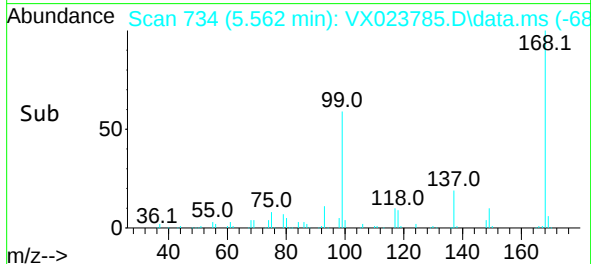
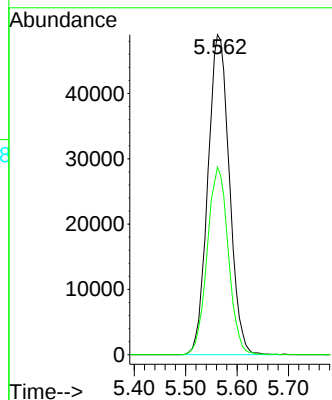


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023785.D
Acq: 18 Aug 2021 00:43

Instrument :
MSVOA_X
ClientSampled :
18N

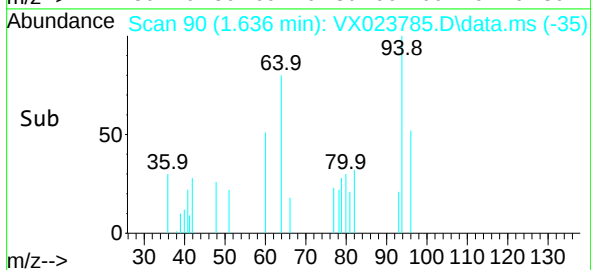
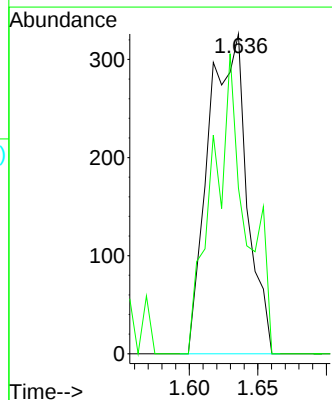
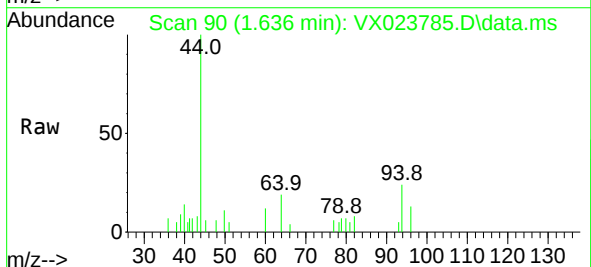


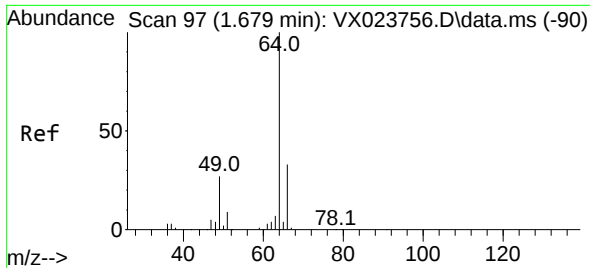
Tgt Ion:168 Resp: 142050
Ion Ratio Lower Upper
168 100
99 58.5 45.8 68.6



#5
Bromomethane
Concen: 0.630 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.037 min
Lab File: VX023785.D
Acq: 18 Aug 2021 00:43

Tgt Ion: 94 Resp: 636
Ion Ratio Lower Upper
94 100
96 51.8 76.4 114.6#

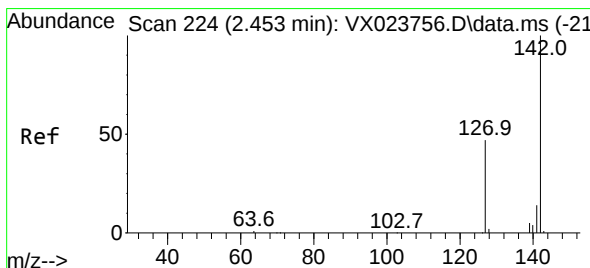
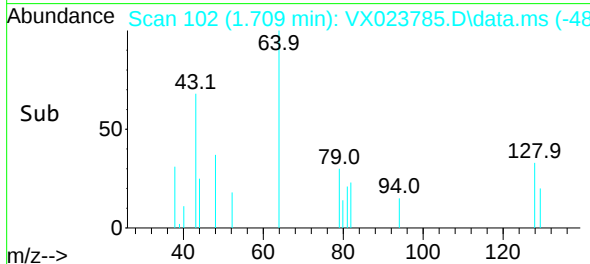
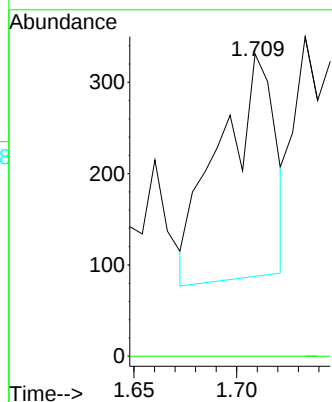
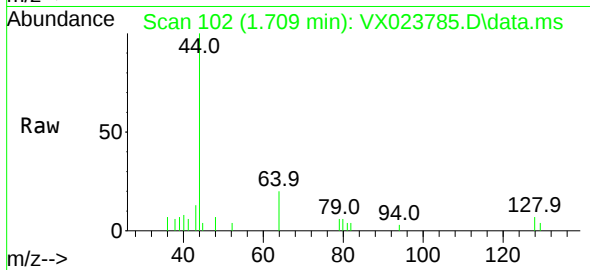




#6
Chloroethane
Concen: 2.542 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.030 min
Lab File: VX023785.D
Acq: 18 Aug 2021 00:43

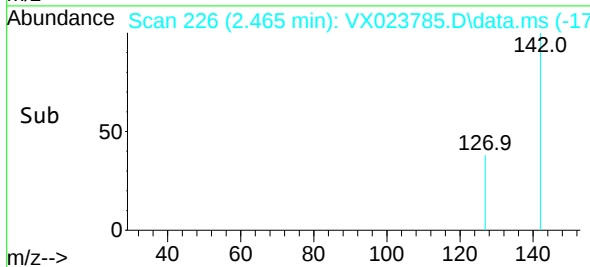
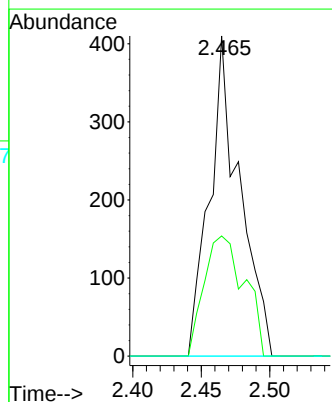
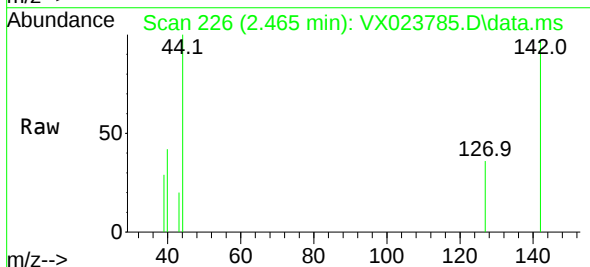
Instrument :
MSVOA_X
ClientSampled :
18N

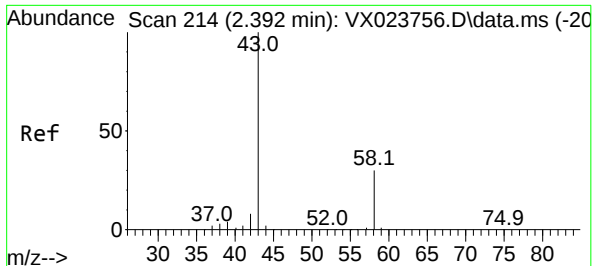
Tgt Ion: 64 Resp: 456
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.316 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023785.D
Acq: 18 Aug 2021 00:43

Tgt Ion: 142 Resp: 628
Ion Ratio Lower Upper
142 100
127 50.2 33.3 49.9#
141 0.0 11.4 17.0#

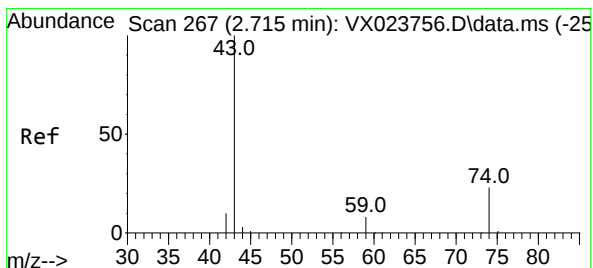
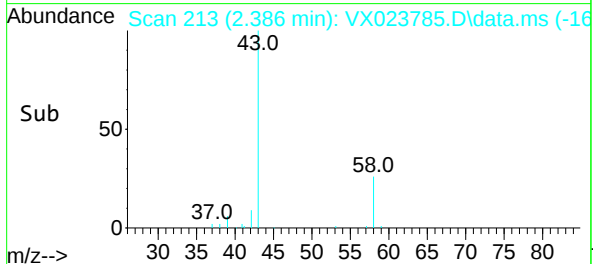
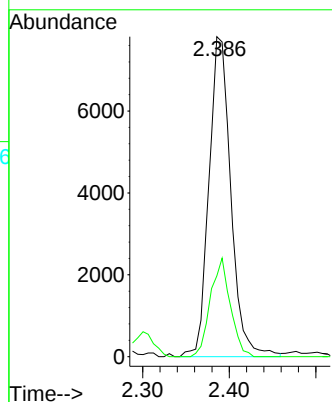
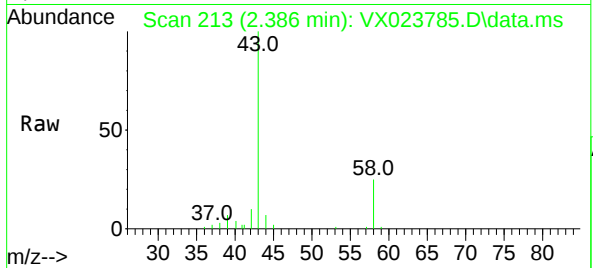




#16
Acetone
Concen: 15.519 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023785.D
Acq: 18 Aug 2021 00:43

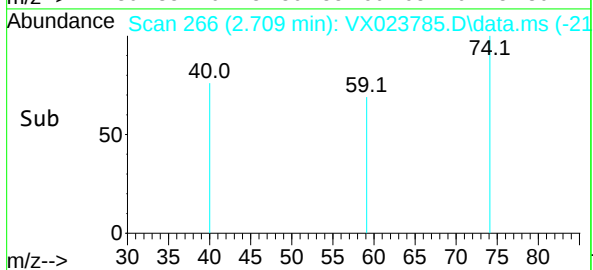
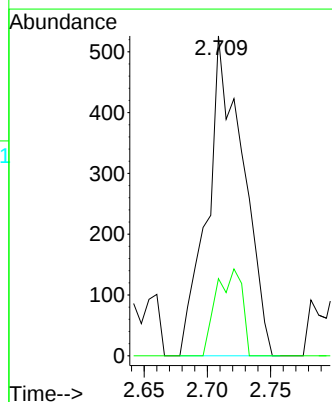
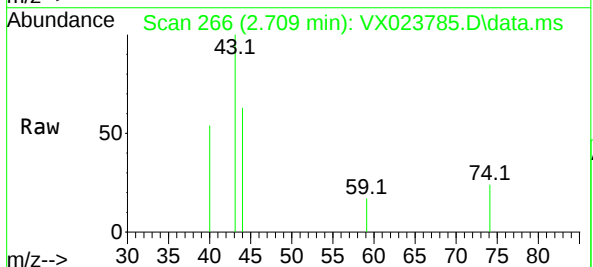
Instrument :
MSVOA_X
ClientSampled :
18N

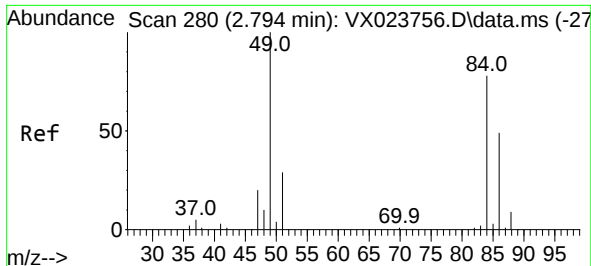
Tgt Ion: 43 Resp: 13757
Ion Ratio Lower Upper
43 100
58 25.3 27.8 41.8#



#18
Methyl Acetate
Concen: 0.465 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX023785.D
Acq: 18 Aug 2021 00:43

Tgt Ion: 43 Resp: 1030
Ion Ratio Lower Upper
43 100
74 19.7 21.9 32.9#





#20

Methylene Chloride

Concen: 6.896 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX023785.D

Acq: 18 Aug 2021 00:43

Tgt Ion: 84 Resp: 11677

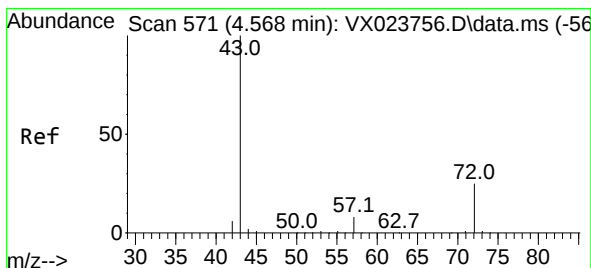
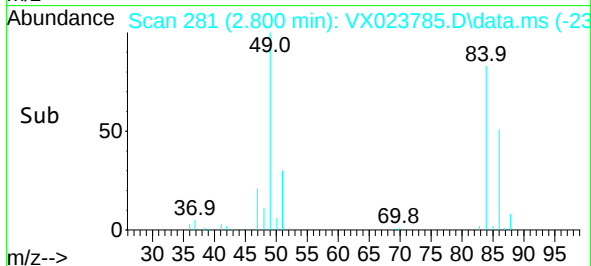
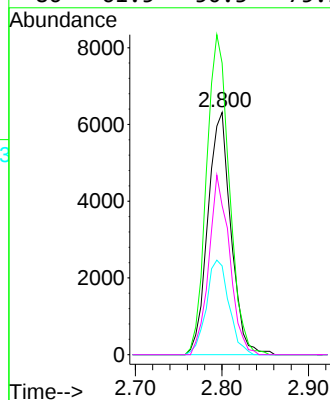
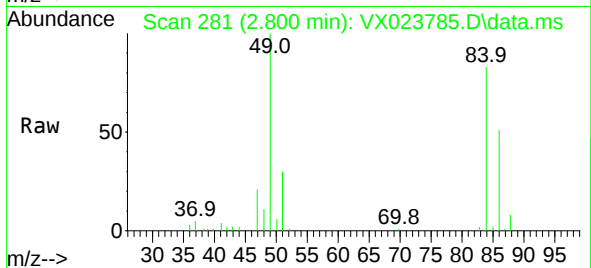
Ion Ratio Lower Upper

84 100

49 120.3 88.6 132.8

51 36.7 27.0 40.6

86 61.5 50.3 75.5



#25

2-Butanone

Concen: 1.335 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX023785.D

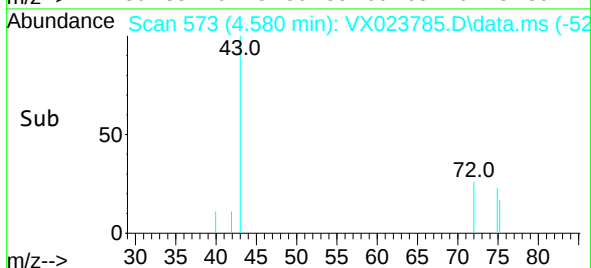
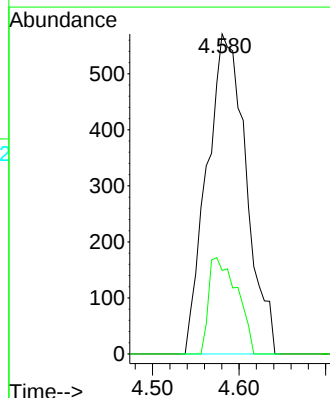
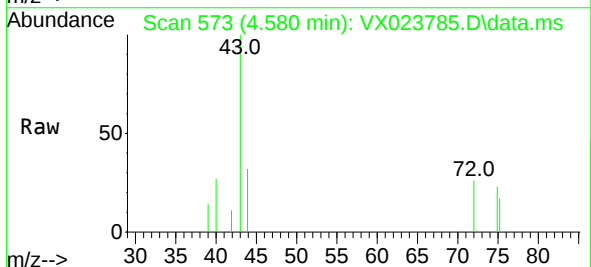
Acq: 18 Aug 2021 00:43

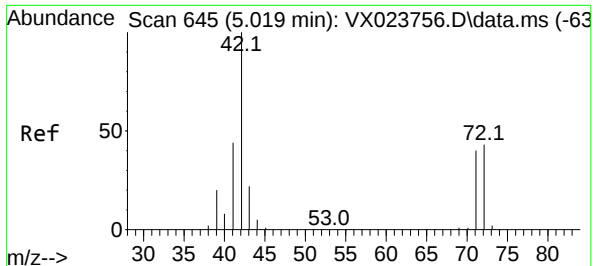
Tgt Ion: 43 Resp: 1793

Ion Ratio Lower Upper

43 100

72 26.1 23.7 35.5





#29

Tetrahydrofuran

Concen: 0.485 ug/l

RT: 5.032 min Scan# 647

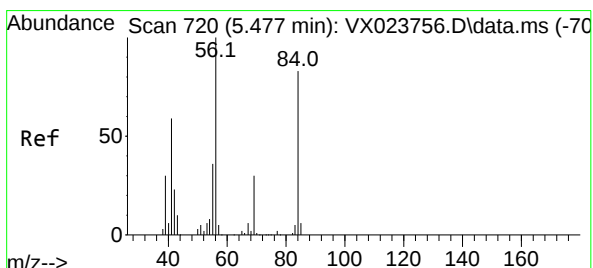
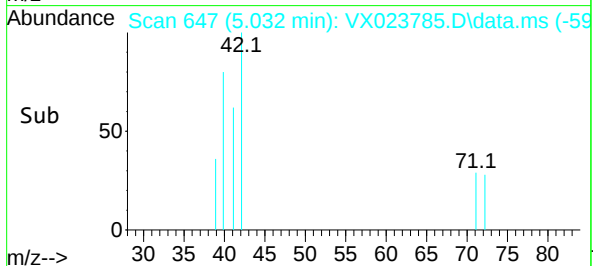
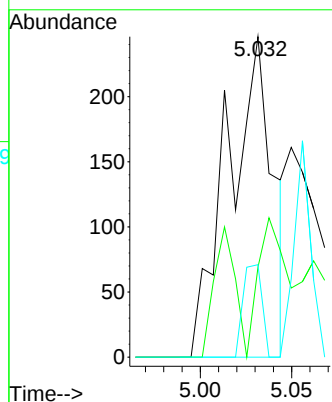
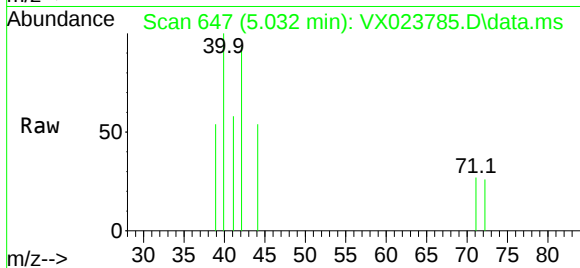
Delta R.T. 0.013 min

Lab File: VX023785.D

Acq: 18 Aug 2021 00:43

Tgt Ion: 42	Resp: 422		
Ion Ratio	Lower	Upper	
42 100			
72 43.6	41.7	62.5	
71 12.1	38.4	57.6#	

Instrument :
MSVOA_X
ClientSampleId :
18N



#31

Cyclohexane

Concen: 1.259 ug/l

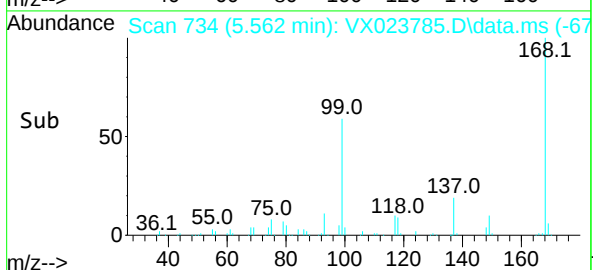
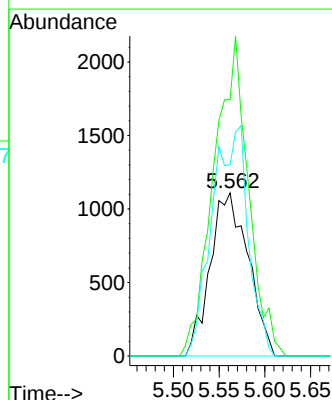
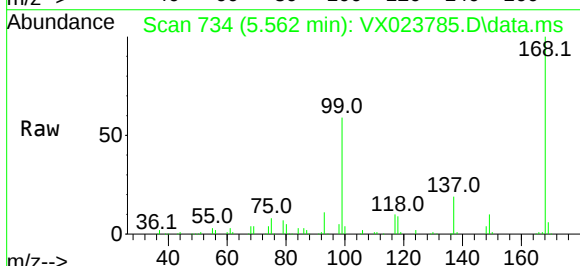
RT: 5.562 min Scan# 734

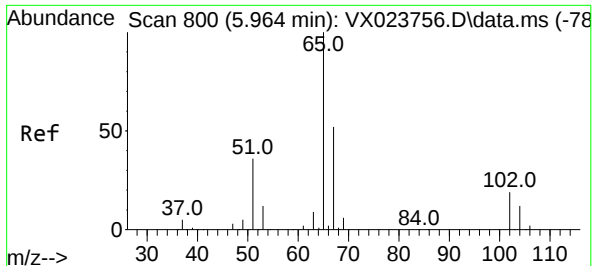
Delta R.T. 0.085 min

Lab File: VX023785.D

Acq: 18 Aug 2021 00:43

Tgt Ion: 56	Resp: 3208		
Ion Ratio	Lower	Upper	
56	100		
69	157.3	25.3	37.9#
84	117.4	71.4	107.0#



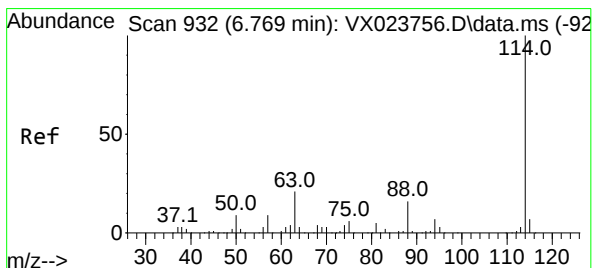
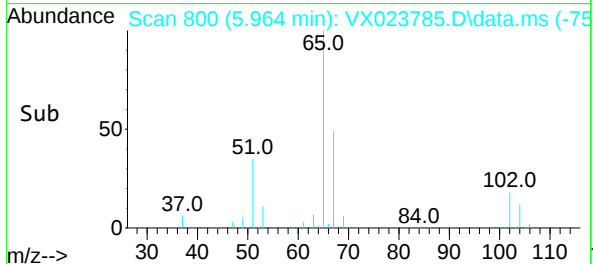
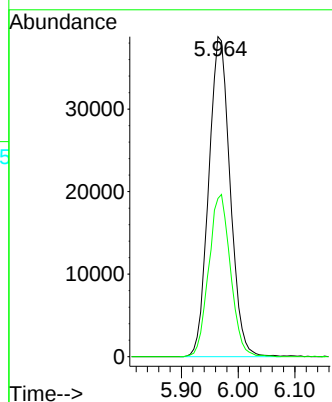
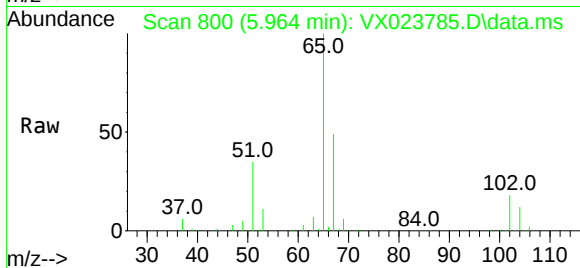


#33

1,2-Dichloroethane-d4
Concen: 51.239 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023785.D
Acq: 18 Aug 2021 00:43

Instrument :
MSVOA_X
ClientSampled :
18N

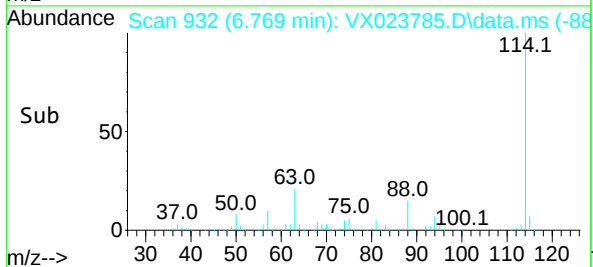
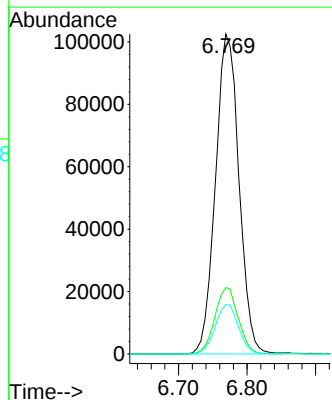
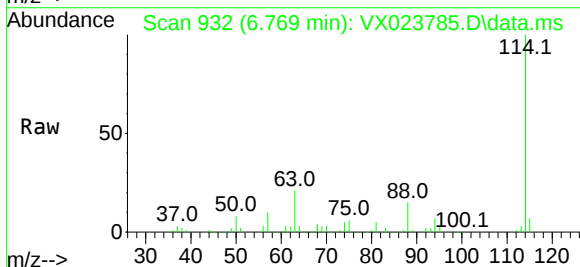
Tgt Ion: 65 Resp: 101585
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4

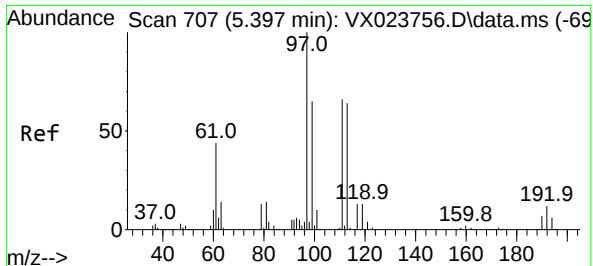


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023785.D
Acq: 18 Aug 2021 00:43

Tgt Ion: 114 Resp: 243456
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 15.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.199 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023785.D

Acq: 18 Aug 2021 00:43

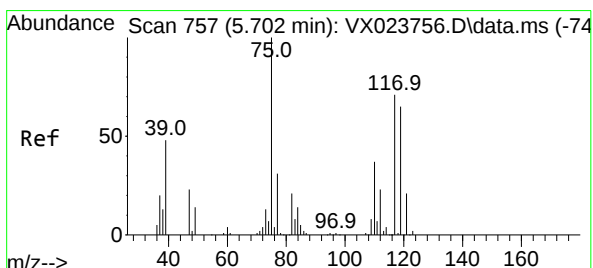
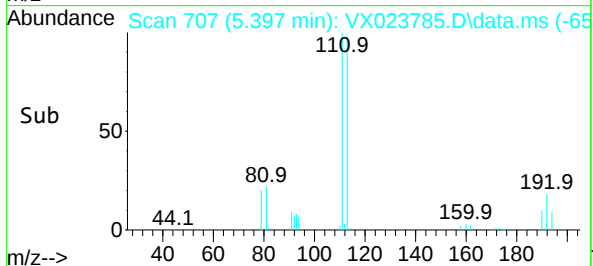
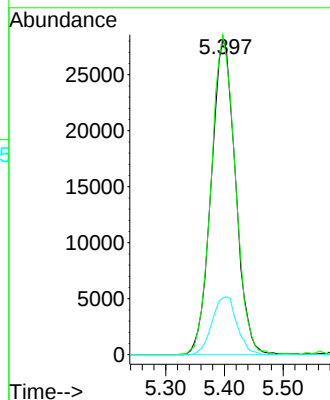
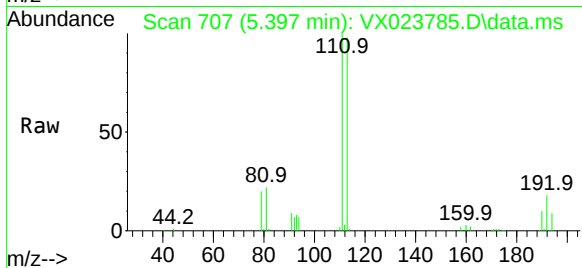
Tgt Ion:113 Resp: 80889

Ion Ratio Lower Upper

113 100

111 101.0 81.9 122.9

192 18.7 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.128 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX023785.D

Acq: 18 Aug 2021 00:43

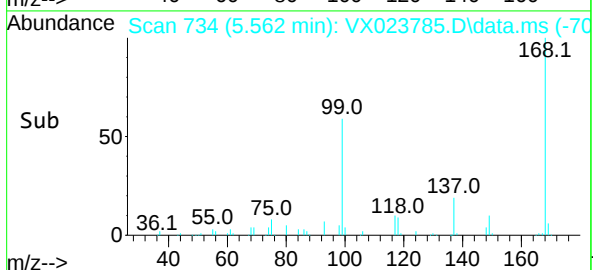
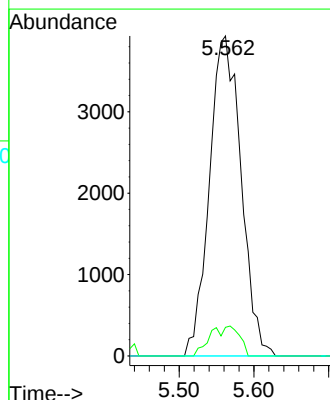
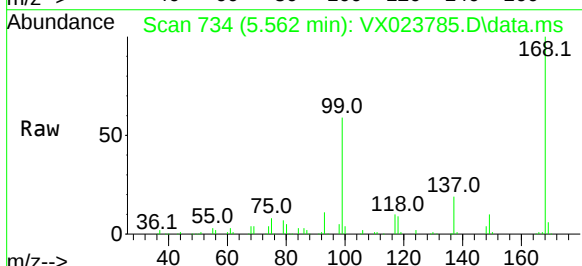
Tgt Ion: 75 Resp: 11561

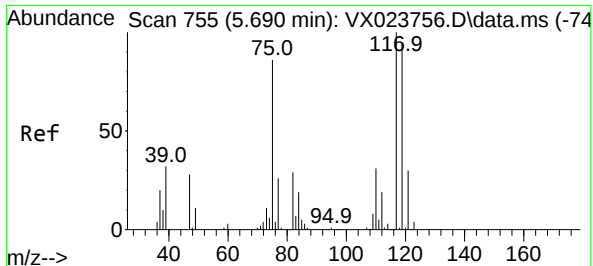
Ion Ratio Lower Upper

75 100

110 4.7 18.1 54.4#

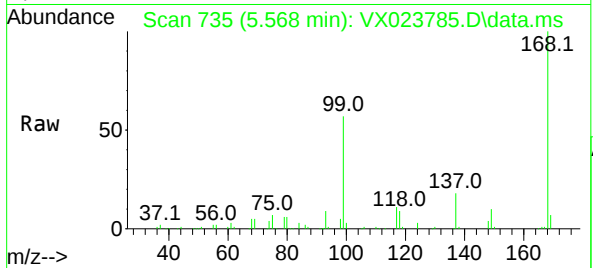
77 0.0 25.3 37.9#



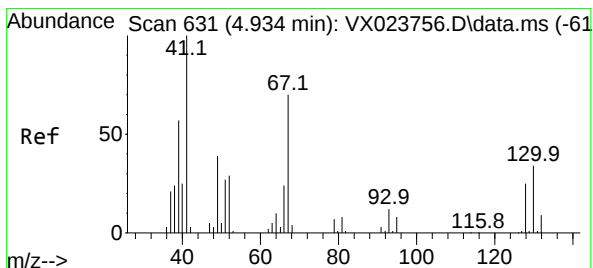
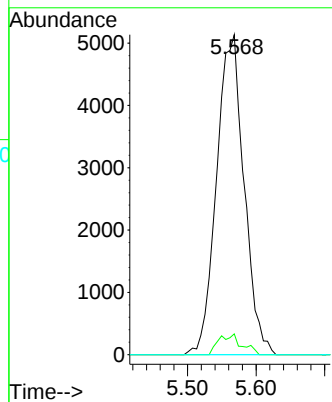
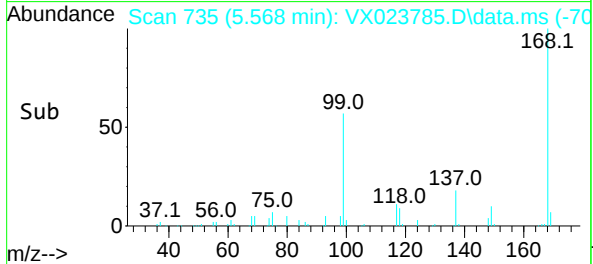


#38
Carbon Tetrachloride
Concen: 6.075 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX023785.D
Acq: 18 Aug 2021 00:43

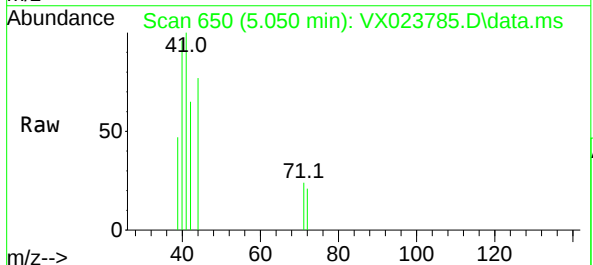
Instrument :
MSVOA_X
ClientSampled :
18N



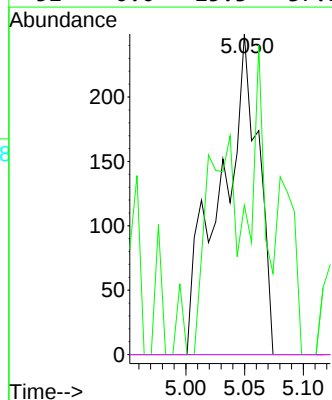
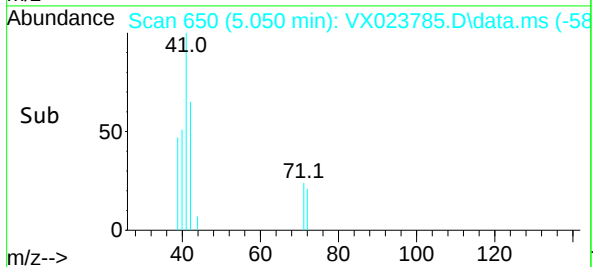
Tgt Ion:117 Resp: 14282
Ion Ratio Lower Upper
117 100
119 6.5 76.2 114.2#
121 0.0 24.8 37.2#

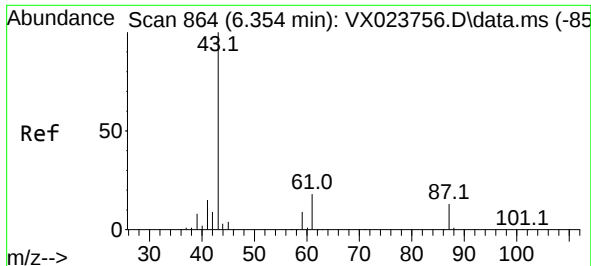


#41
Methacrylonitrile
Concen: 0.370 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.116 min
Lab File: VX023785.D
Acq: 18 Aug 2021 00:43



Tgt Ion: 41 Resp: 556
Ion Ratio Lower Upper
41 100
39 16.4 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

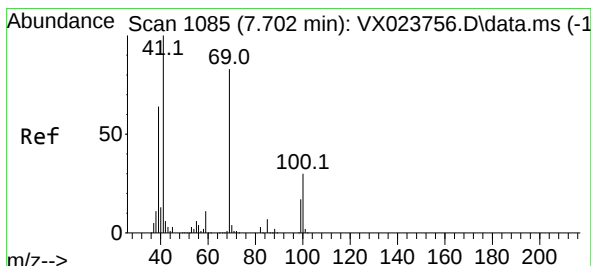
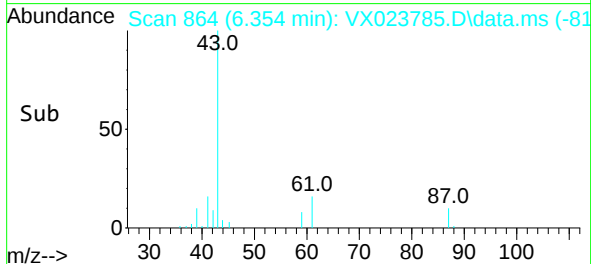
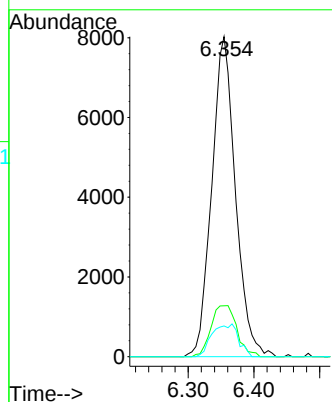
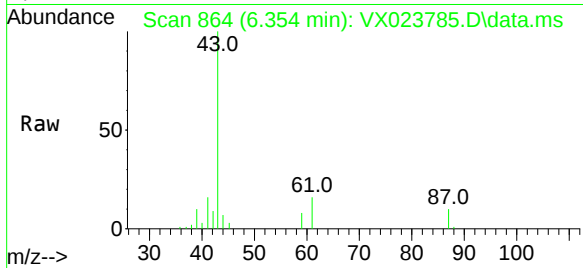




#43
Isopropyl Acetate
Concen: 4.643 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.000 min
Lab File: VX023785.D
Acq: 18 Aug 2021 00:43

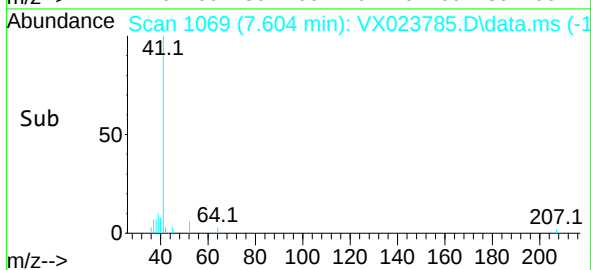
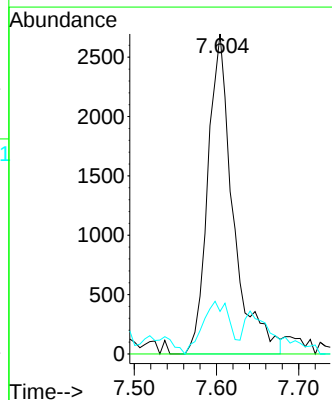
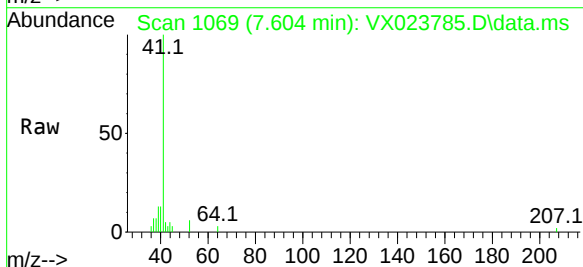
Instrument :
MSVOA_X
ClientSampled :
18N

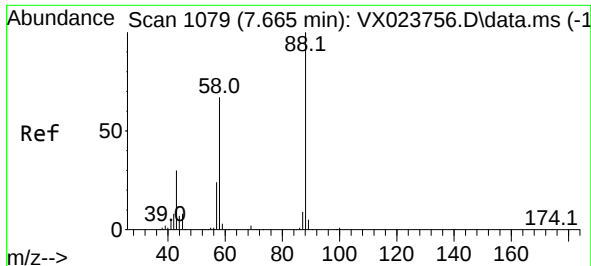
Tgt Ion: 43 Resp: 20129
Ion Ratio Lower Upper
43 100
61 17.4 18.2 27.4#
87 11.4 12.5 18.7#



#48
Methyl methacrylate
Concen: 2.728 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX023785.D
Acq: 18 Aug 2021 00:43

Tgt Ion: 41 Resp: 5769
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#

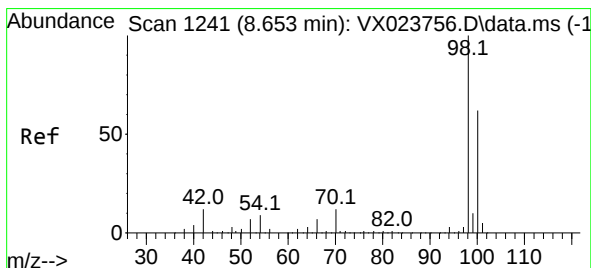
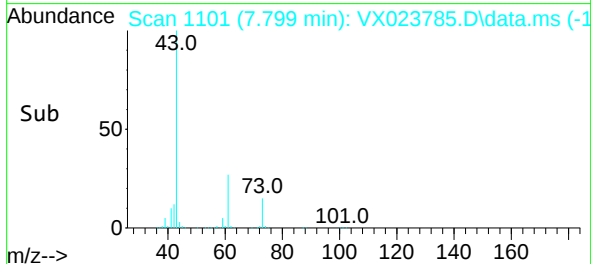
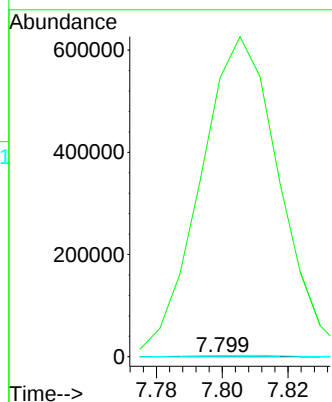
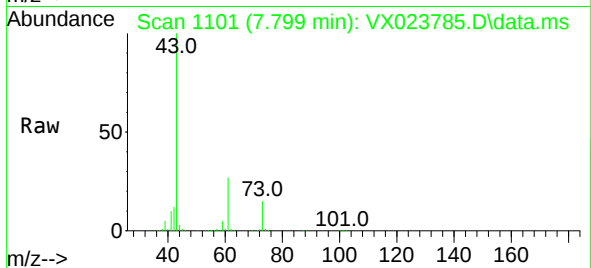




#49
1,4-Dioxane
Concen: 1.477 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.134 min
Lab File: VX023785.D
Acq: 18 Aug 2021 00:43

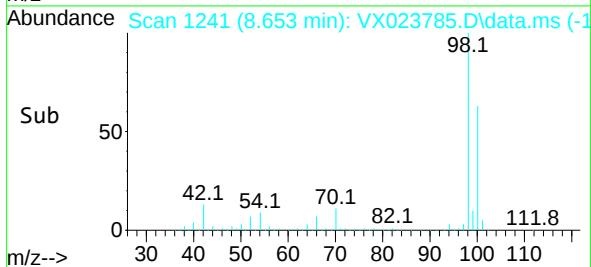
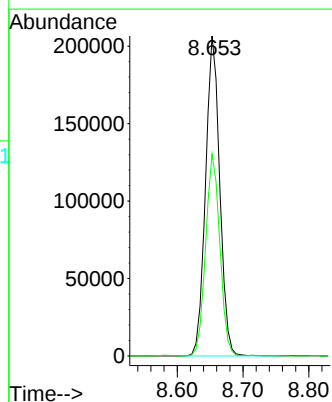
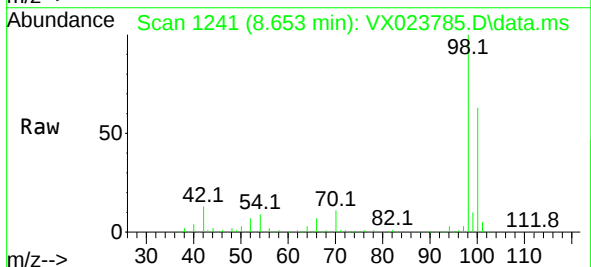
Instrument :
MSVOA_X
ClientSampleId :
18N

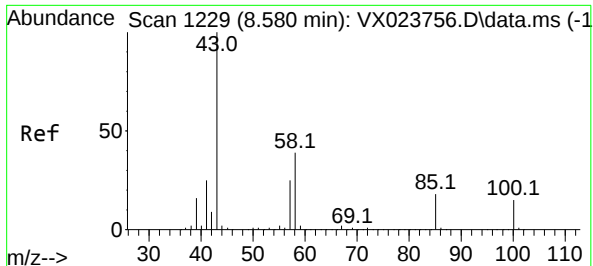
Tgt Ion: 88 Resp: 66
Ion Ratio Lower Upper
88 100
43 1610098.5 23.2 34.8#
58 7456.1 55.0 82.4#



#50
Toluene-d8
Concen: 50.547 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023785.D
Acq: 18 Aug 2021 00:43

Tgt Ion: 98 Resp: 310001
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9

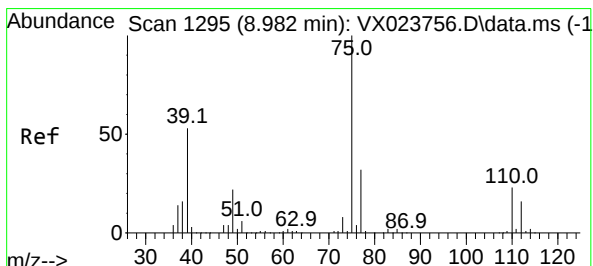
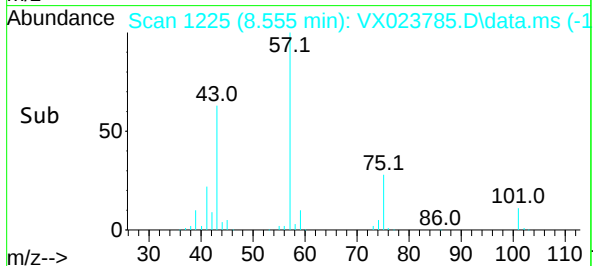
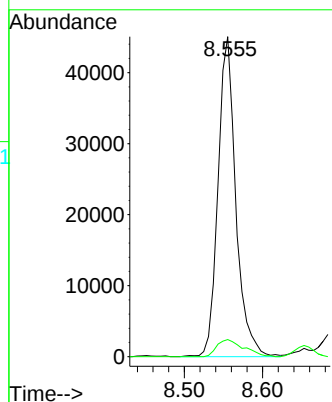
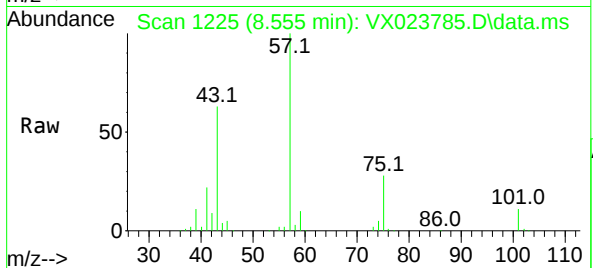




#51
4-Methyl-2-Pentanone
Concen: 25.504 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023785.D
Acq: 18 Aug 2021 00:43

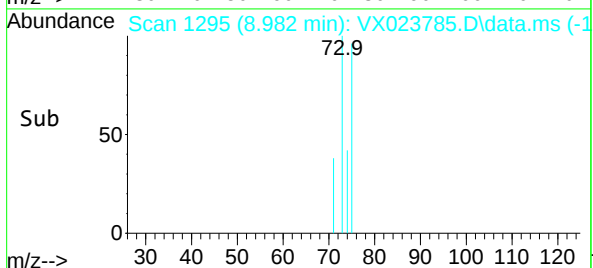
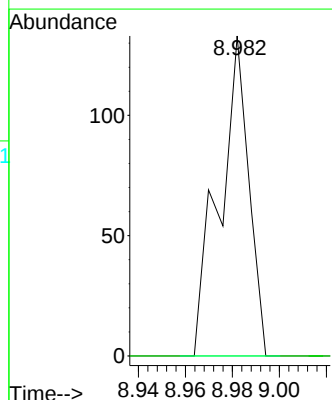
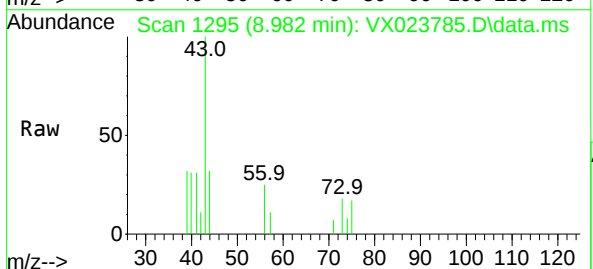
Instrument :
MSVOA_X
ClientSampled :
18N

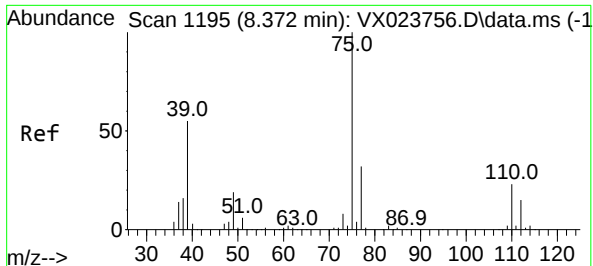
Tgt Ion: 43 Resp: 71468
Ion Ratio Lower Upper
43 100
58 8.0 35.4 53.0#



#53
t-1,3-Dichloropropene
Concen: 2.176 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023785.D
Acq: 18 Aug 2021 00:43

Tgt Ion: 75 Resp: 116
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

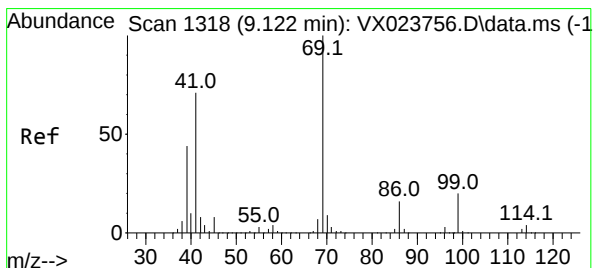
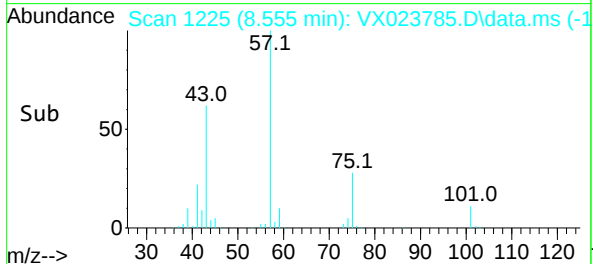
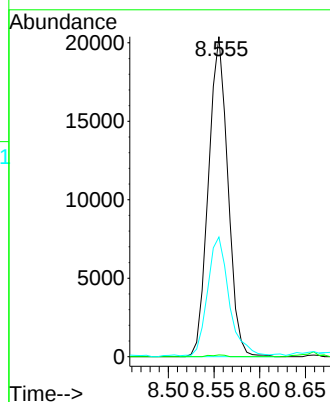
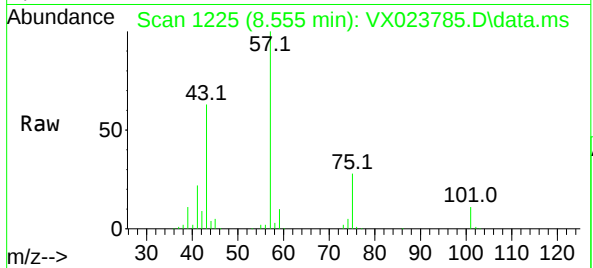




#54
 cis-1,3-Dichloropropene
 Concen: 11.133 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.183 min
 Lab File: VX023785.D
 Acq: 18 Aug 2021 00:43

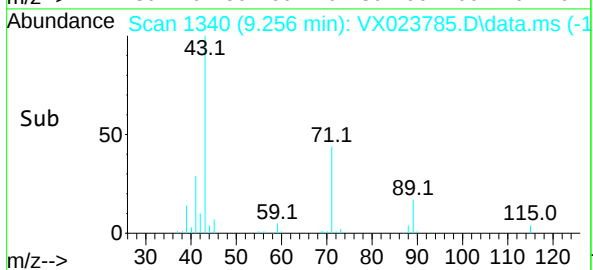
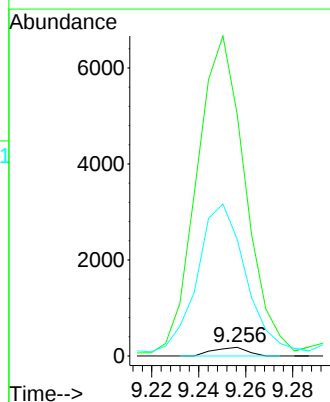
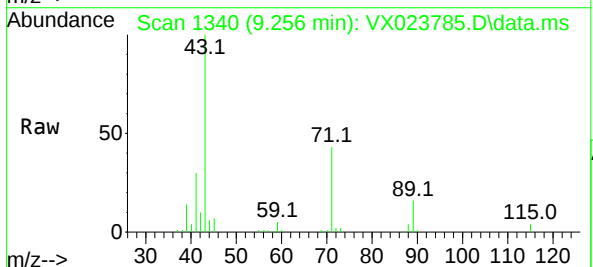
Instrument :
 MSVOA_X
 ClientSampled :
 18N

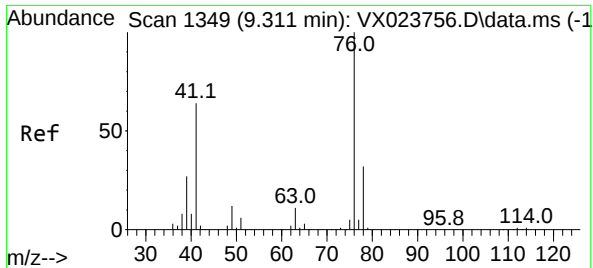
Tgt Ion: 75 Resp: 30064
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.7 38.5#
 39 37.1 35.1 52.7



#56
 Ethyl methacrylate
 Concen: 0.818 ug/l
 RT: 9.256 min Scan# 1340
 Delta R.T. 0.134 min
 Lab File: VX023785.D
 Acq: 18 Aug 2021 00:43

Tgt Ion: 69 Resp: 182
 Ion Ratio Lower Upper
 69 100
 41 5297.3 46.8 70.2#
 39 2657.1 24.7 37.1#



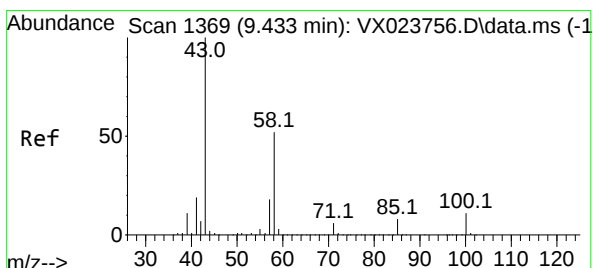
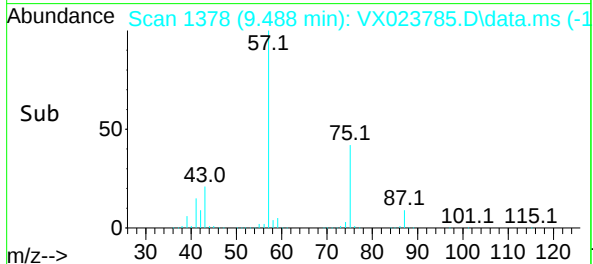
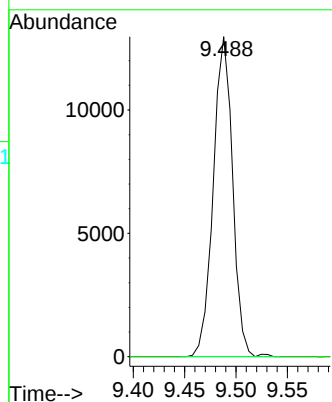
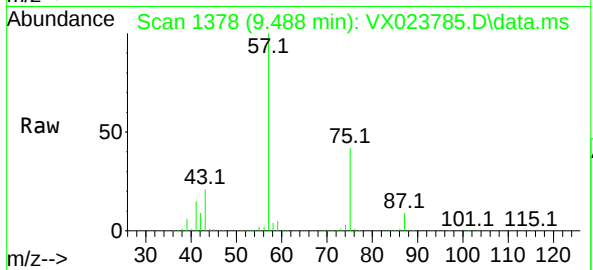


#57

1,3-Dichloropropane
Concen: 5.745 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023785.D
Acq: 18 Aug 2021 00:43

Instrument :
MSVOA_X
ClientSampled :
18N

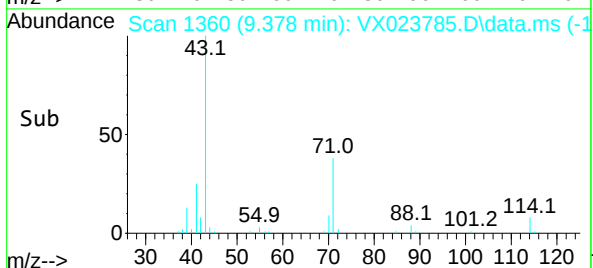
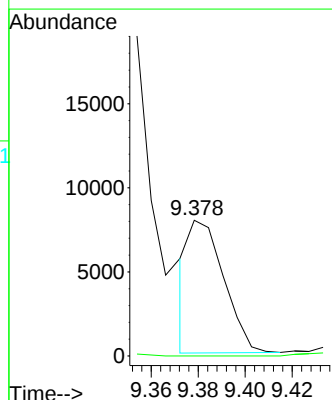
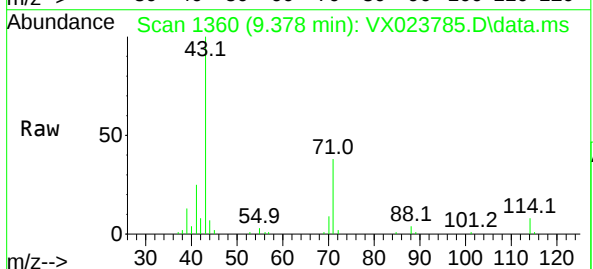
Tgt Ion: 76 Resp: 16948
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

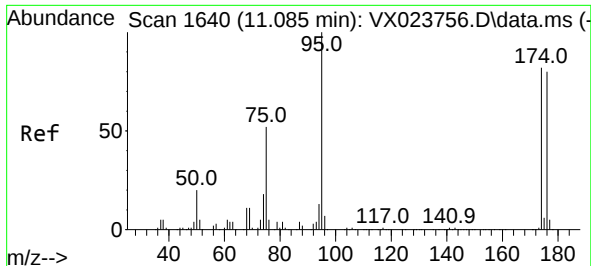


#59

2-Hexanone
Concen: 3.812 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX023785.D
Acq: 18 Aug 2021 00:43

Tgt Ion: 43 Resp: 8210
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

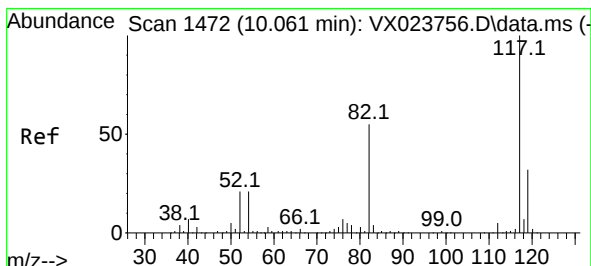
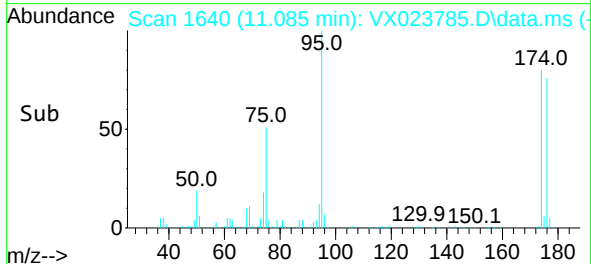
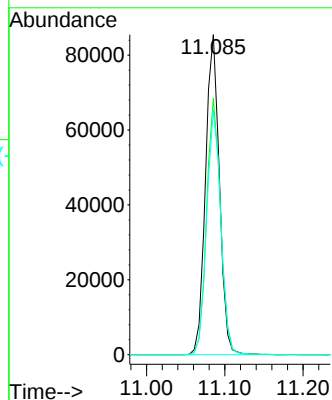
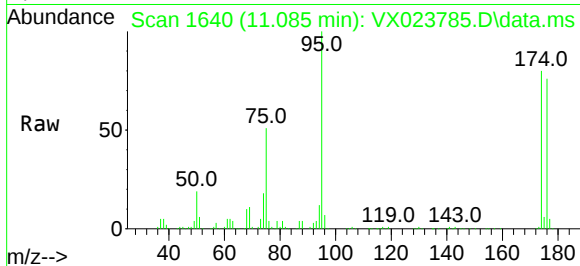




#62
4-Bromofluorobenzene
Concen: 46.389 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023785.D
Acq: 18 Aug 2021 00:43

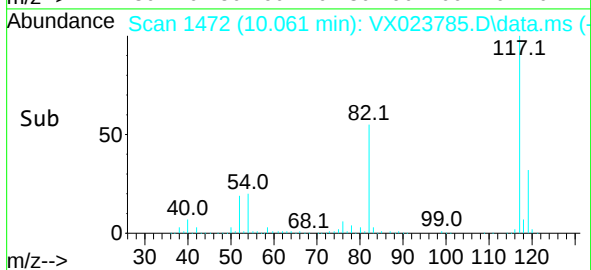
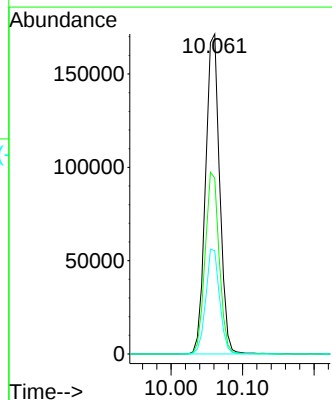
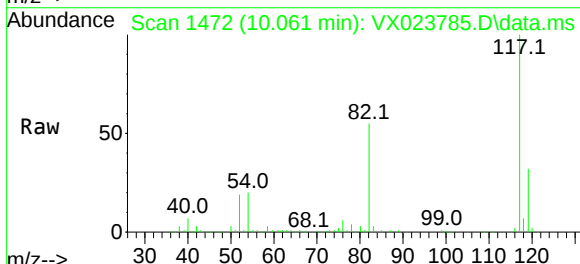
Instrument :
MSVOA_X
ClientSampleId :
18N

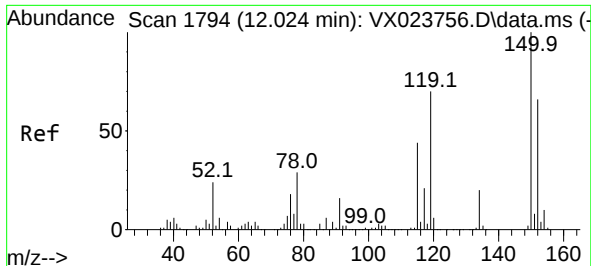
Tgt Ion: 95 Resp: 104734
Ion Ratio Lower Upper
95 100
174 80.5 0.0 154.6
176 78.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023785.D
Acq: 18 Aug 2021 00:43

Tgt Ion: 117 Resp: 235840
Ion Ratio Lower Upper
117 100
82 54.9 47.4 71.2
119 32.3 26.6 39.8

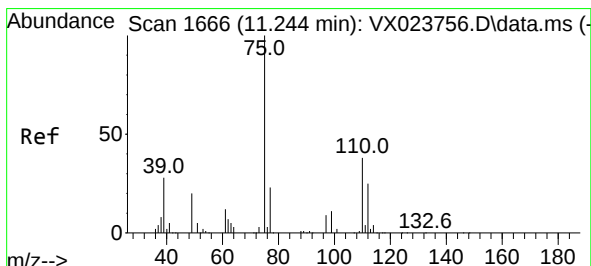
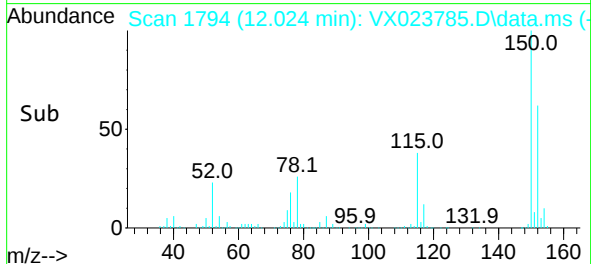
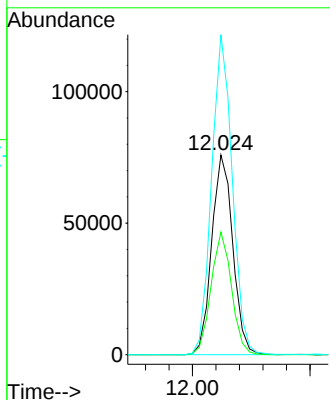
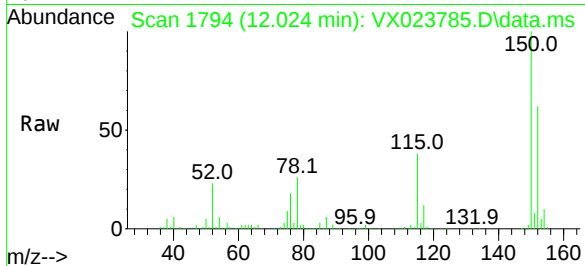




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023785.D
 Acq: 18 Aug 2021 00:43

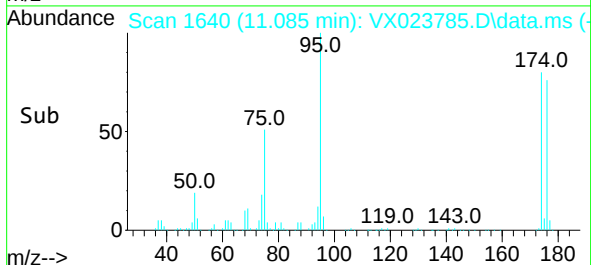
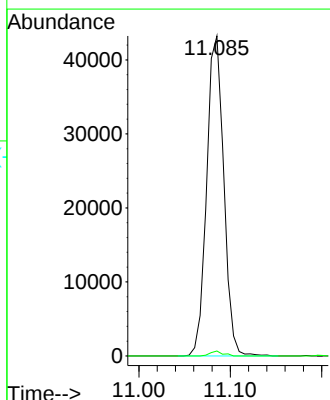
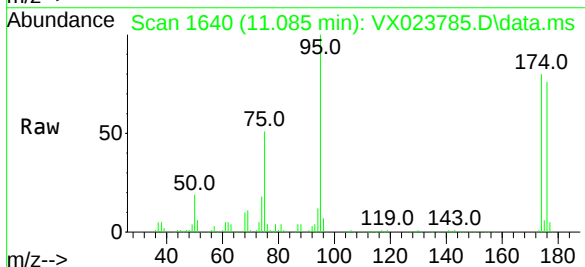
Instrument :
 MSVOA_X
 ClientSampled :
 18N

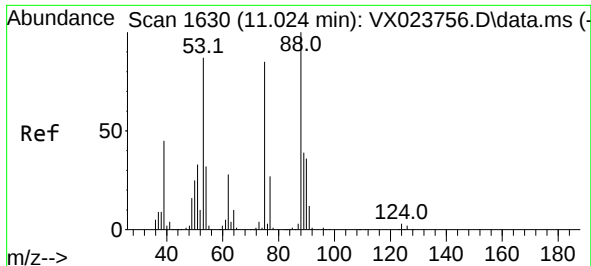
Tgt Ion:152 Resp: 94810
 Ion Ratio Lower Upper
 152 100
 115 59.5 41.1 123.3
 150 156.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.318 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023785.D
 Acq: 18 Aug 2021 00:43

Tgt Ion: 75 Resp: 55994
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

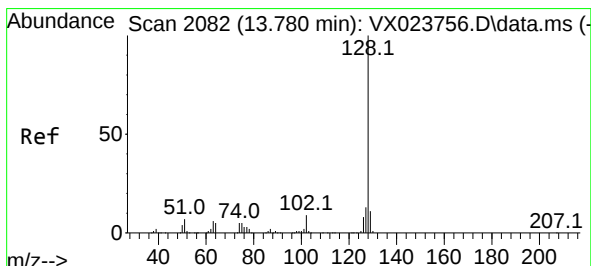
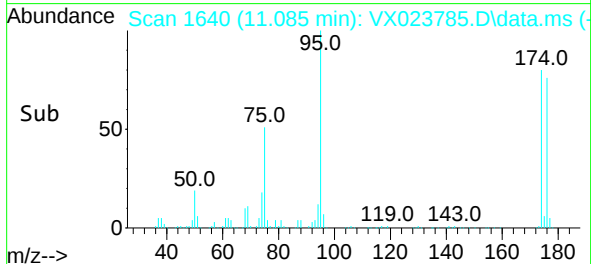
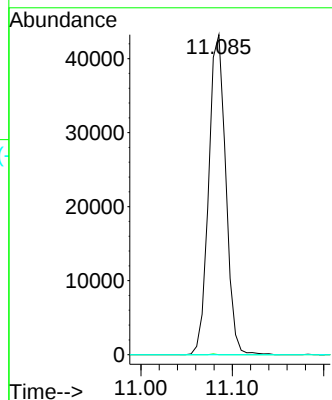
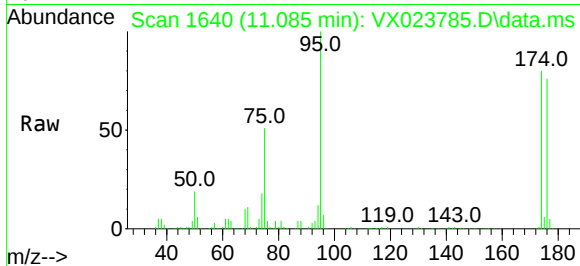




#81
trans-1,4-Dichloro-2-butene
Concen: 74.473 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023785.D
Acq: 18 Aug 2021 00:43

Instrument :
MSVOA_X
ClientSampled :
18N

Tgt Ion: 75 Resp: 55994
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.343 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX023785.D
Acq: 18 Aug 2021 00:43

Tgt Ion: 128 Resp: 428
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

