

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
 Data File : VX023798.D
 Acq On : 18 Aug 2021 05:50
 Operator : JC/MD
 Sample : M3429-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-2

Quant Time: Aug 18 07:05:23 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)

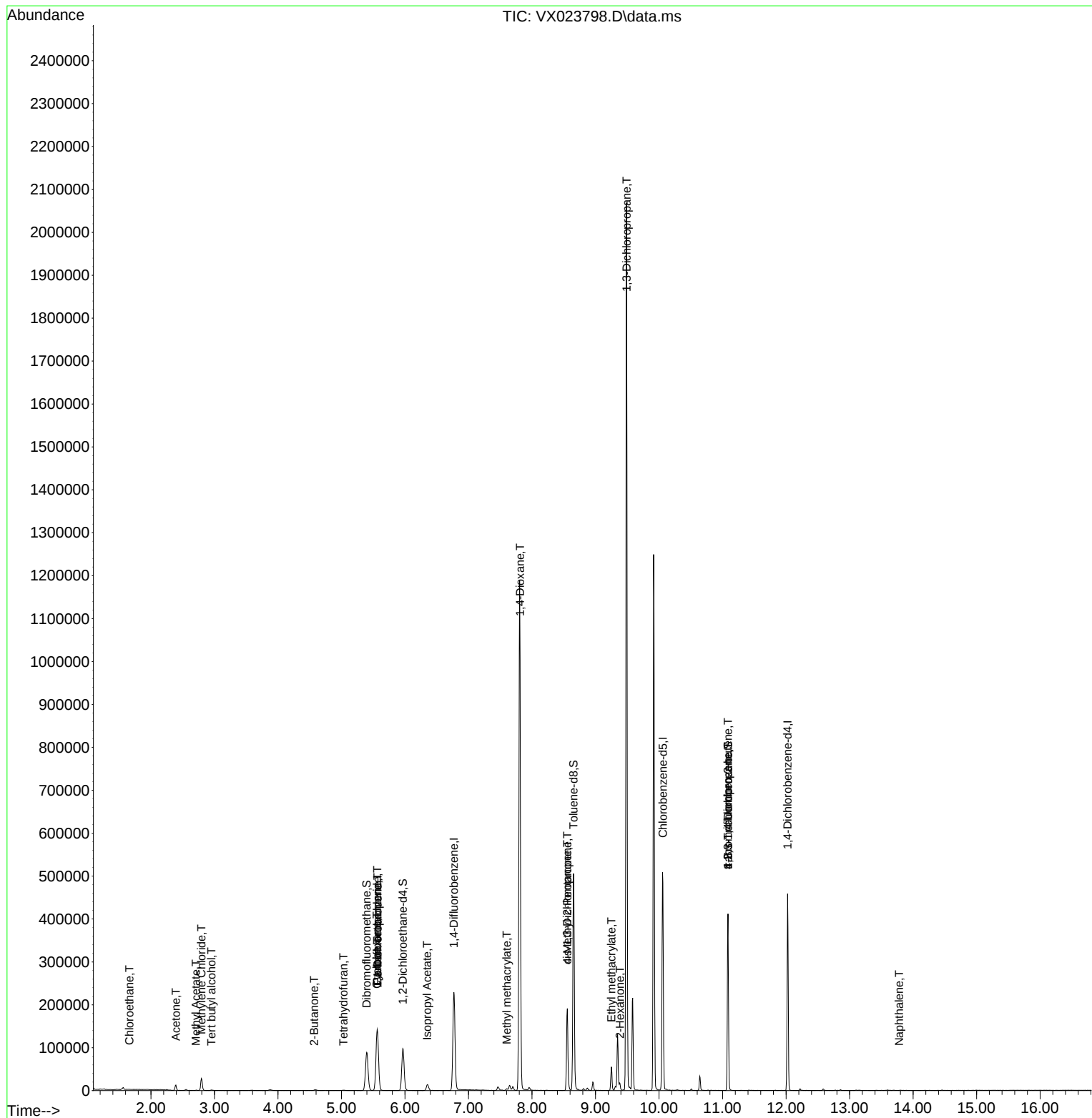
Internal Standards						
1) Pentafluorobenzene	5.562	168	134901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	230105	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	224053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	95716	50.837	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.680%	
35) Dibromofluoromethane	5.397	113	75086	49.301	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.600%	
50) Toluene-d8	8.653	98	293973	50.714	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.420%	
62) 4-Bromofluorobenzene	11.085	95	98642	46.226	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.460%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.660	64	161	2.338	ug/l #	43
11) Tert butyl alcohol	2.953	59	977	2.566	ug/l #	73
16) Acetone	2.392	43	13077	15.534	ug/l	91
18) Methyl Acetate	2.709	43	1050	0.500	ug/l #	73
20) Methylene Chloride	2.794	84	12260	7.624	ug/l #	87
25) 2-Butanone	4.568	43	1730	1.357	ug/l	94
29) Tetrahydrofuran	5.032	42	430	0.521	ug/l #	69
31) Cyclohexane	5.556	56	3118	1.289	ug/l #	45
36) 1,1-Dichloropropene	5.568	75	10376	4.869	ug/l #	48
38) Carbon Tetrachloride	5.562	117	13417	6.038	ug/l #	17
43) Isopropyl Acetate	6.348	43	19175	4.680	ug/l	93
48) Methyl methacrylate	7.604	41	6093	3.048	ug/l #	10
49) 1,4-Dioxane	7.812	88	74	1.752	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	67514	25.491	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	28303	11.089	ug/l #	74
56) Ethyl methacrylate	9.250	69	273	0.853	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	16752	6.008	ug/l #	43
59) 2-Hexanone	9.384	43	7657	3.761	ug/l #	19
76) 1,2,3-Trichloropropane	11.085	75	54312	26.016	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	54312	76.526	ug/l #	12
95) Naphthalene	13.780	128	70	1.293	ug/l #	69

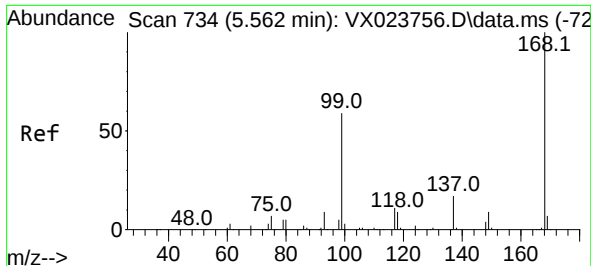
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
Data File : VX023798.D
Acq On : 18 Aug 2021 05:50
Operator : JC/MD
Sample : M3429-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WC-2

Quant Time: Aug 18 07:05:23 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

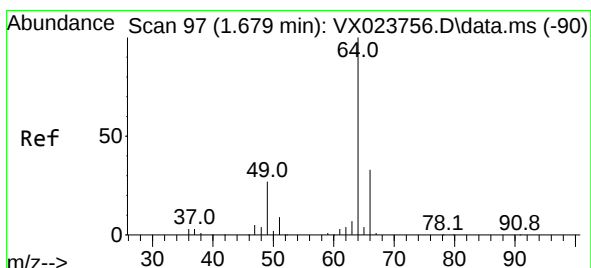
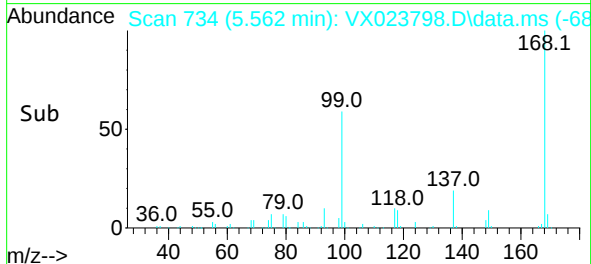
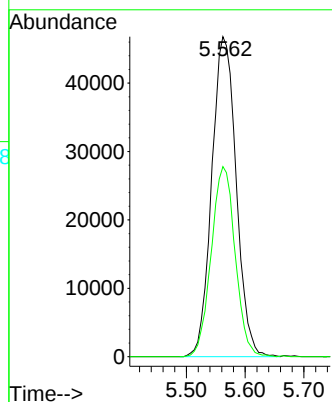
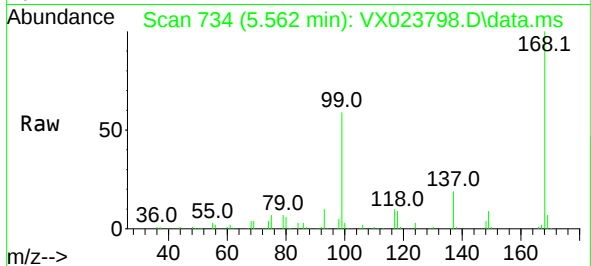




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023798.D
Acq: 18 Aug 2021 05:50

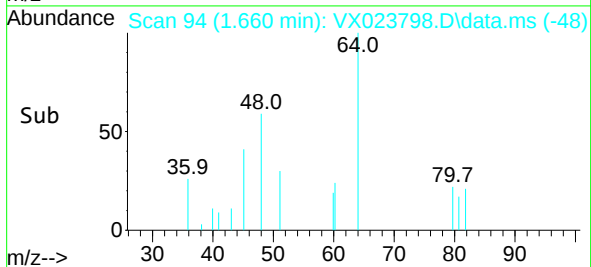
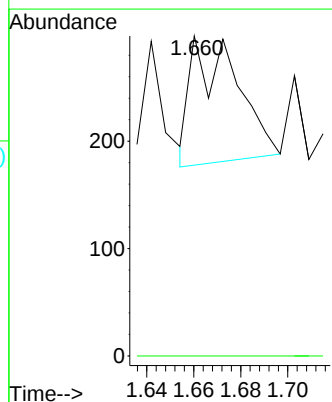
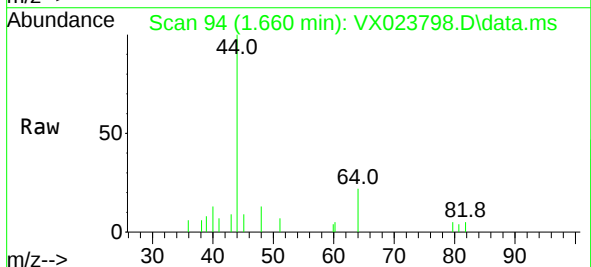
Instrument :
MSVOA_X
ClientSampled :
WC-2

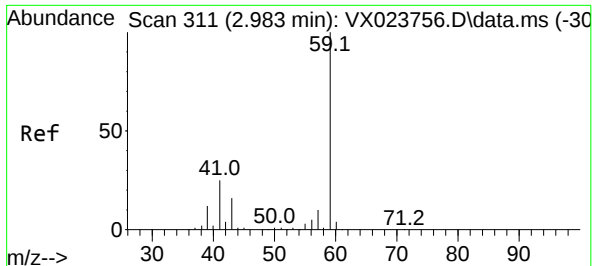
Tgt Ion:168 Resp: 134901
Ion Ratio Lower Upper
168 100
99 59.4 45.8 68.6



#6
Chloroethane
Concen: 2.338 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX023798.D
Acq: 18 Aug 2021 05:50

Tgt Ion: 64 Resp: 161
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



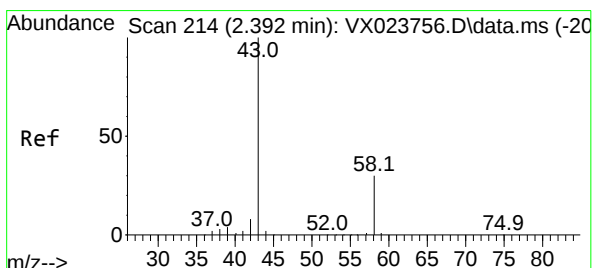
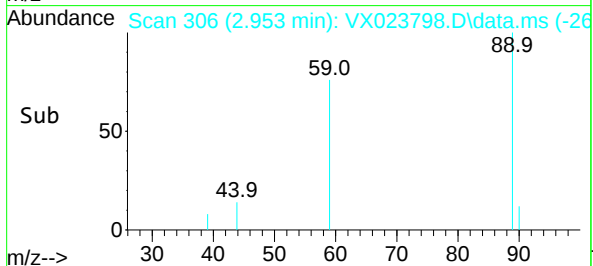
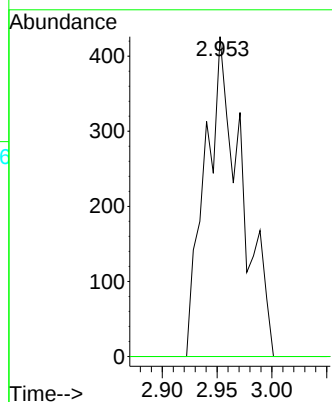
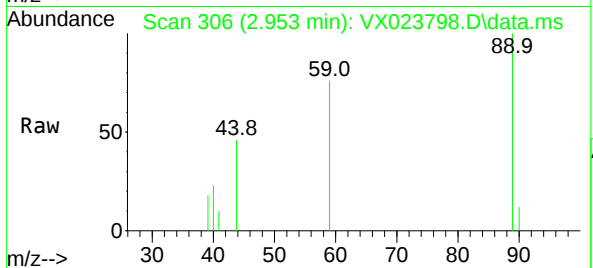


#11

Tert butyl alcohol
Concen: 2.566 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023798.D
Acq: 18 Aug 2021 05:50

Instrument :
MSVOA_X
ClientSampled :
WC-2

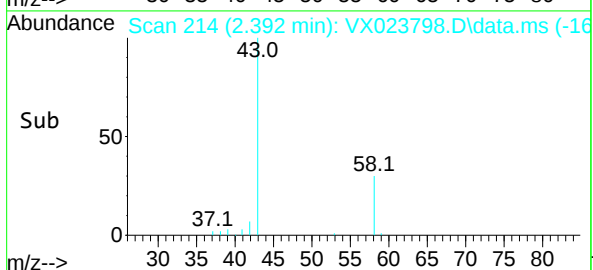
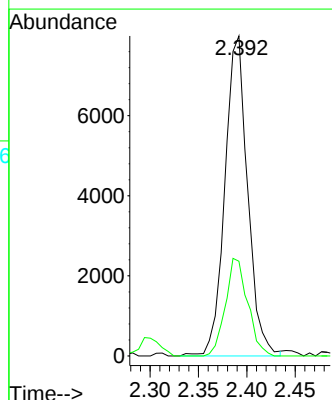
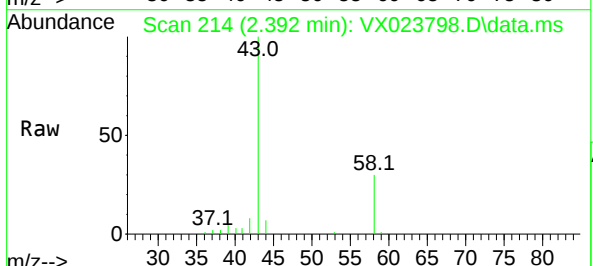
Tgt Ion: 59 Resp: 977
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

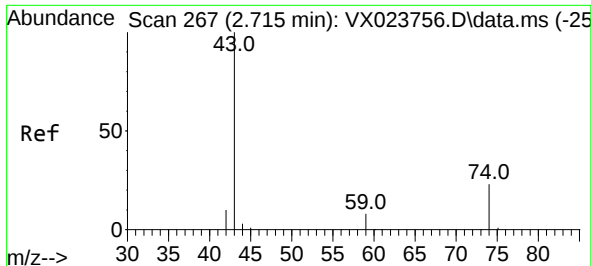


#16

Acetone
Concen: 15.534 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023798.D
Acq: 18 Aug 2021 05:50

Tgt Ion: 43 Resp: 13077
Ion Ratio Lower Upper
43 100
58 29.6 27.8 41.8

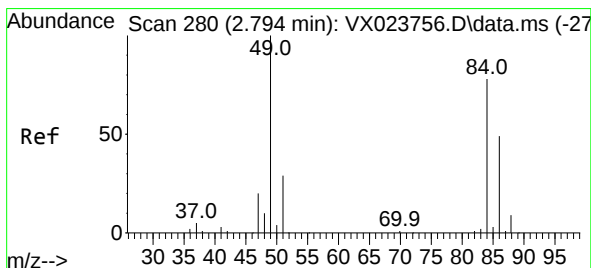
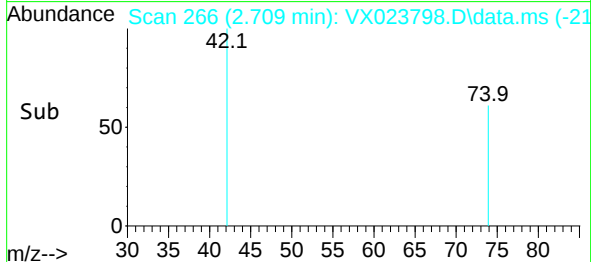
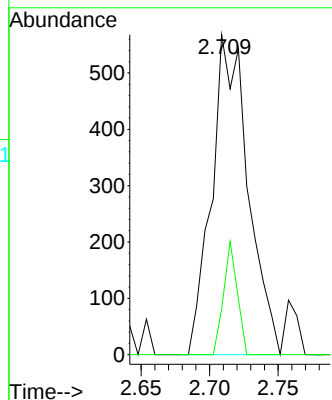
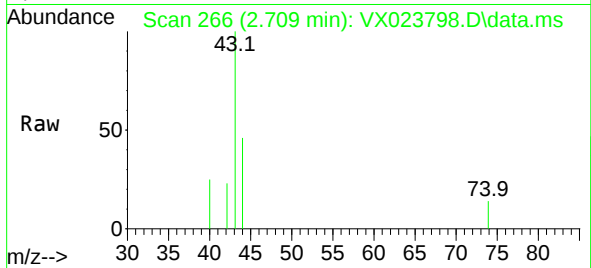




#18
Methyl Acetate
Concen: 0.500 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX023798.D
Acq: 18 Aug 2021 05:50

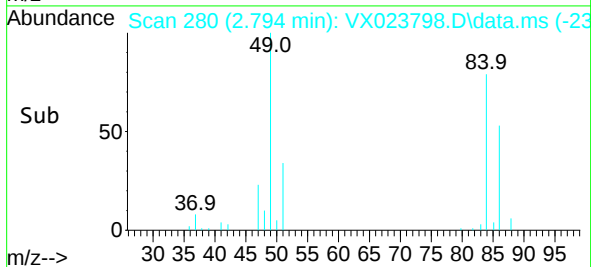
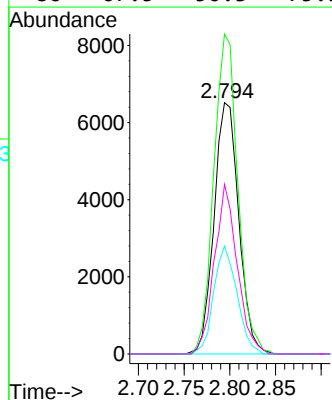
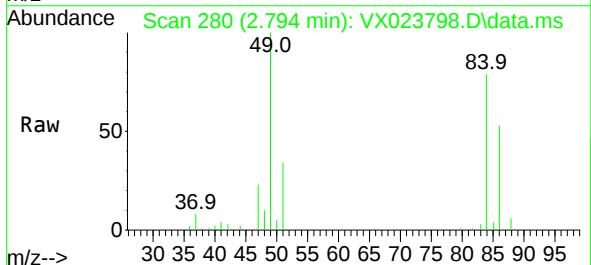
Instrument :
MSVOA_X
ClientSampled :
WC-2

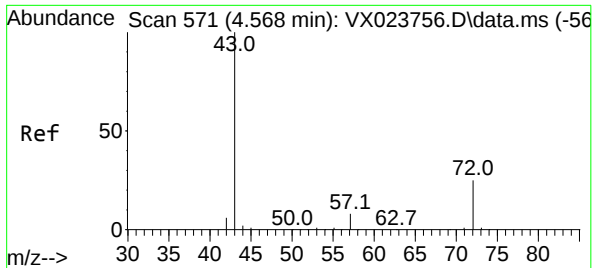
Tgt Ion: 43 Resp: 1050
Ion Ratio Lower Upper
43 100
74 13.2 21.9 32.9#



#20
Methylene Chloride
Concen: 7.624 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023798.D
Acq: 18 Aug 2021 05:50

Tgt Ion: 84 Resp: 12260
Ion Ratio Lower Upper
84 100
49 127.3 88.6 132.8
51 42.9 27.0 40.6#
86 67.5 50.3 75.5

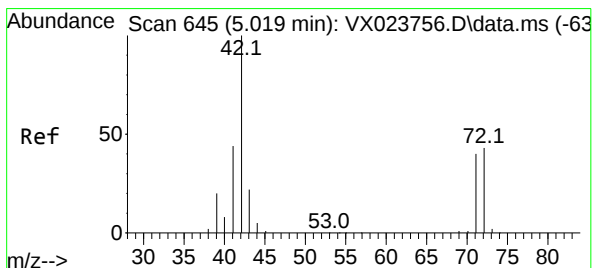
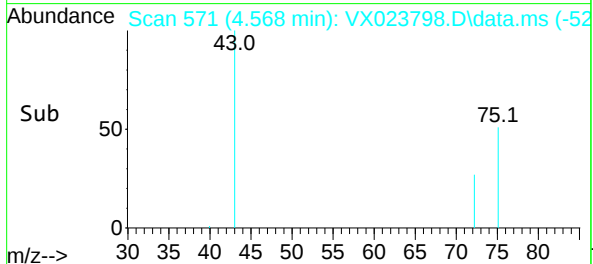
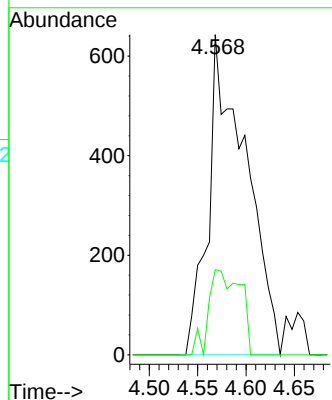
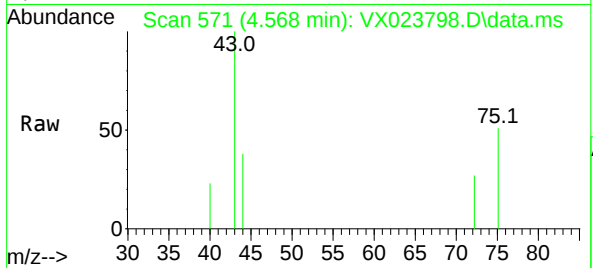




#25
2-Butanone
Concen: 1.357 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX023798.D
Acq: 18 Aug 2021 05:50

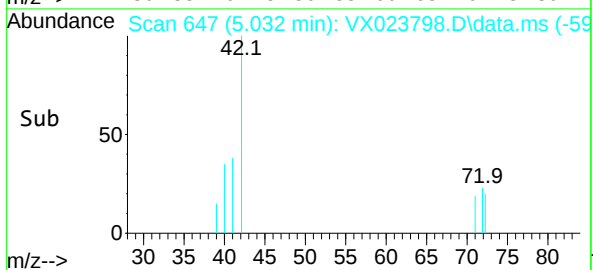
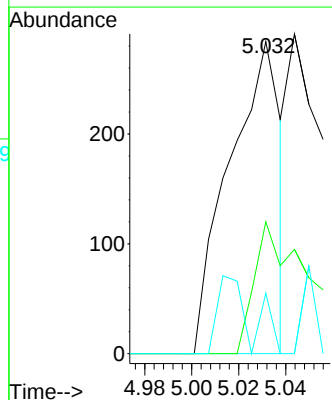
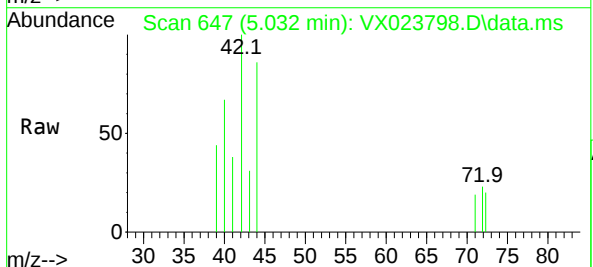
Instrument :
MSVOA_X
ClientSampled :
WC-2

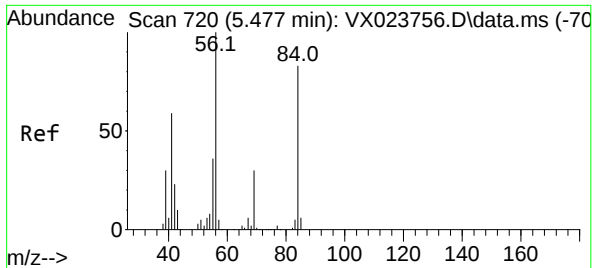
Tgt Ion: 43 Resp: 1730
Ion Ratio Lower Upper
43 100
72 26.6 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.521 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.013 min
Lab File: VX023798.D
Acq: 18 Aug 2021 05:50

Tgt Ion: 42 Resp: 430
Ion Ratio Lower Upper
42 100
72 40.7 41.7 62.5#
71 16.3 38.4 57.6#

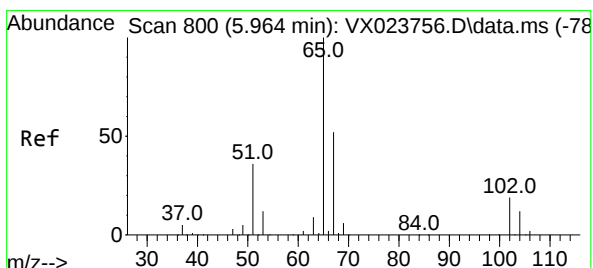
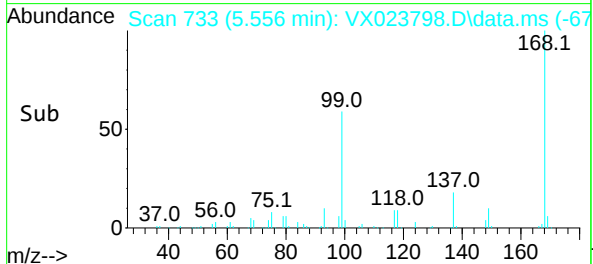
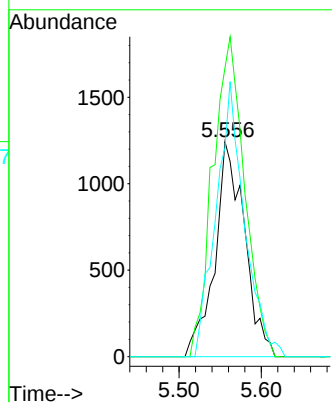
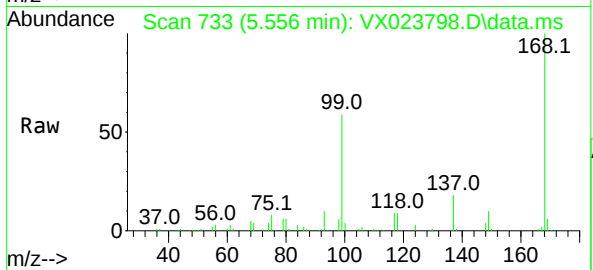




#31
Cyclohexane
Concen: 1.289 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023798.D
Acq: 18 Aug 2021 05:50

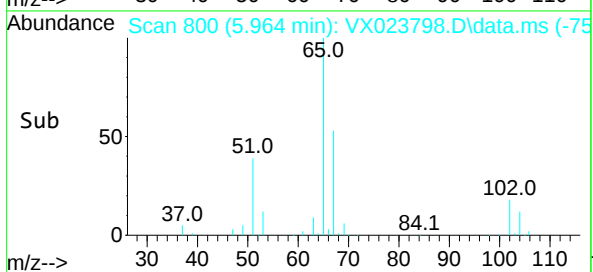
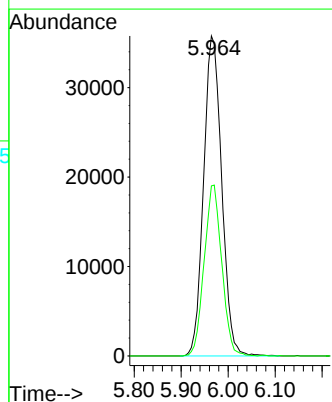
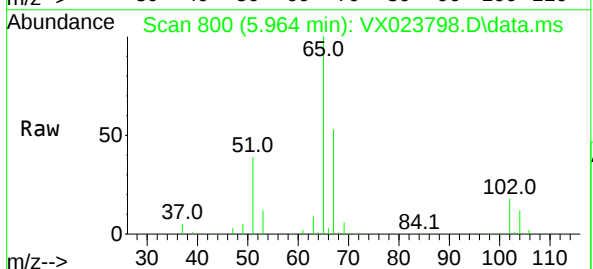
Instrument :
MSVOA_X
ClientSampled :
WC-2

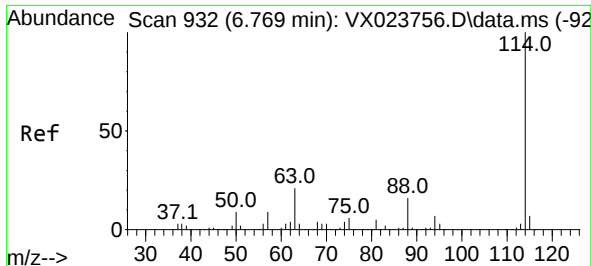
Tgt Ion: 56 Resp: 3118
Ion Ratio Lower Upper
56 100
69 134.3 25.3 37.9#
84 97.2 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 50.837 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023798.D
Acq: 18 Aug 2021 05:50

Tgt Ion: 65 Resp: 95716
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.4

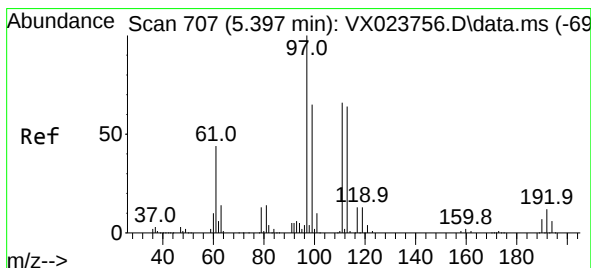
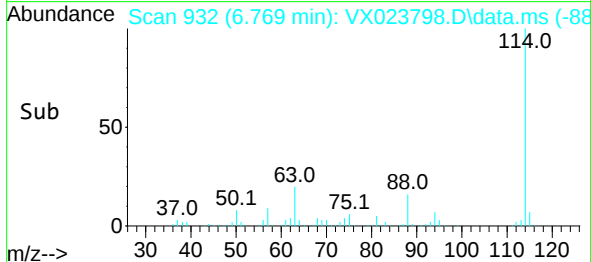
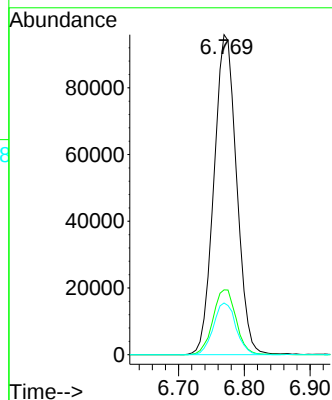
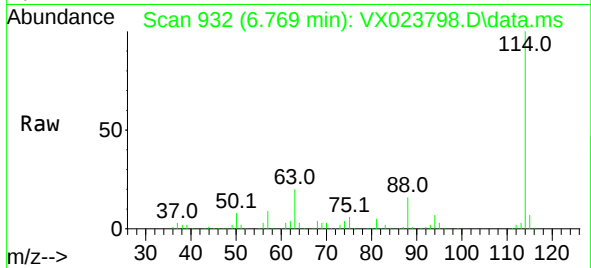




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023798.D
Acq: 18 Aug 2021 05:50

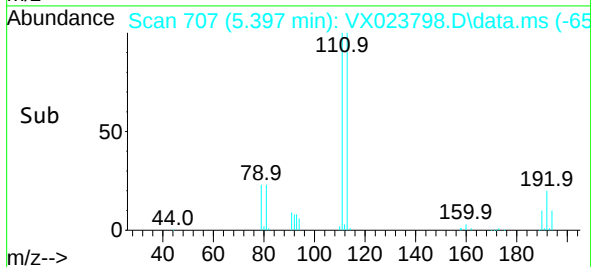
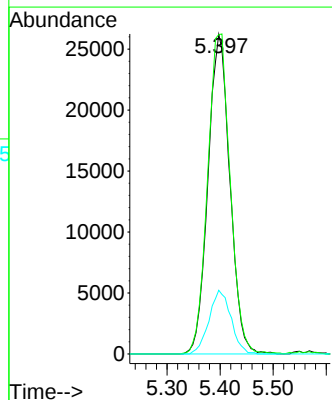
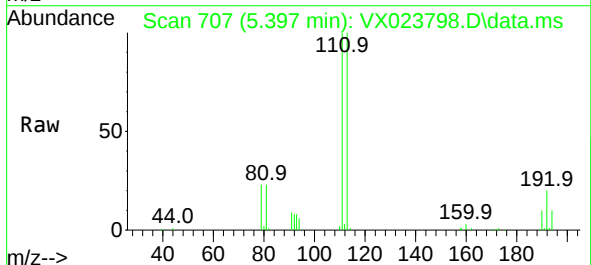
Instrument :
MSVOA_X
ClientSampled :
WC-2

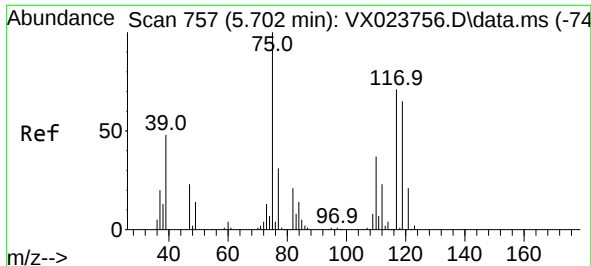
Tgt Ion:114 Resp: 230105
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.301 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023798.D
Acq: 18 Aug 2021 05:50

Tgt Ion:113 Resp: 75086
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 20.0 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.869 ug/l

RT: 5.568 min Scan# 735

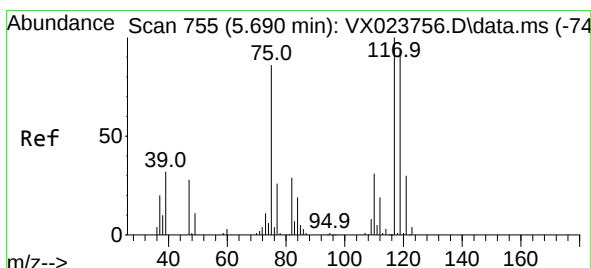
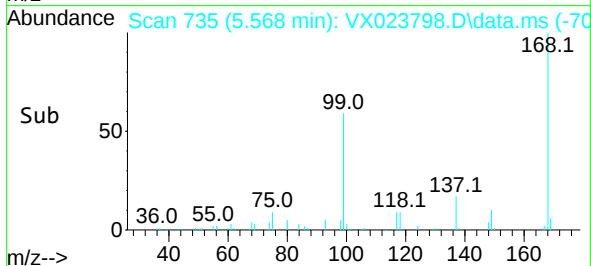
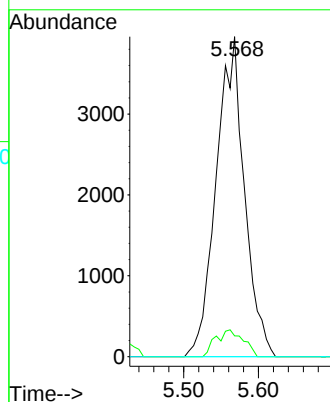
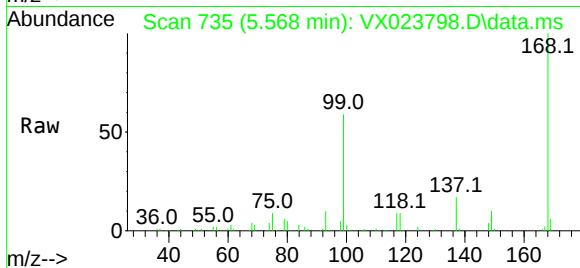
Delta R.T. -0.134 min

Lab File: VX023798.D

Acq: 18 Aug 2021 05:50

Tgt Ion:	75	Resp:	10376
Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :
WC-2



#38

Carbon Tetrachloride

Concen: 6.038 ug/l

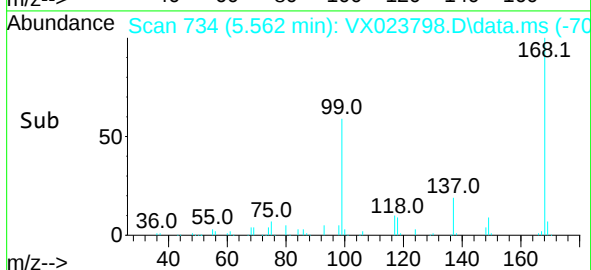
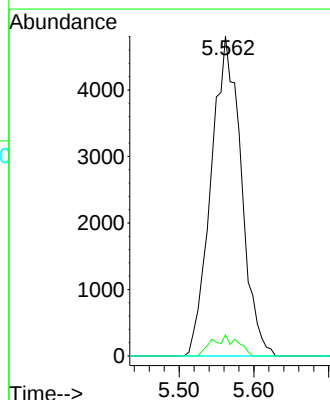
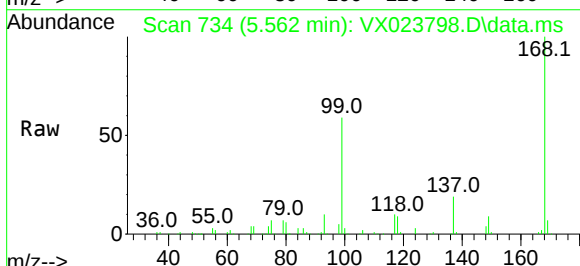
RT: 5.562 min Scan# 734

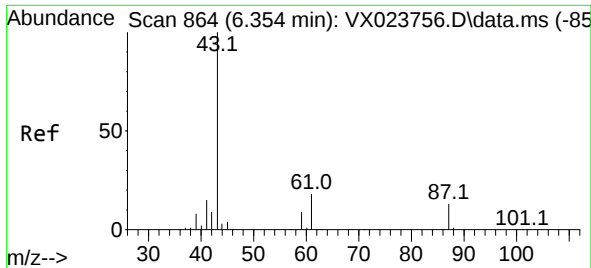
Delta R.T. -0.128 min

Lab File: VX023798.D

Acq: 18 Aug 2021 05:50

Tgt Ion:	117	Resp:	13417
Ion	Ratio	Lower	Upper
117	100		
119	6.6	76.2	114.2#
121	0.0	24.8	37.2#

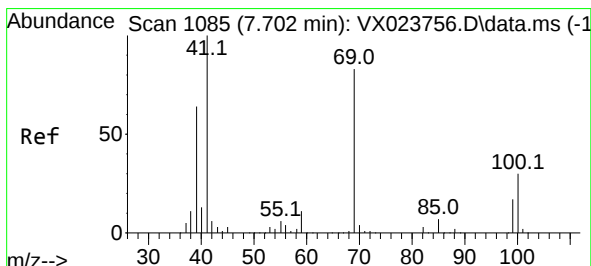
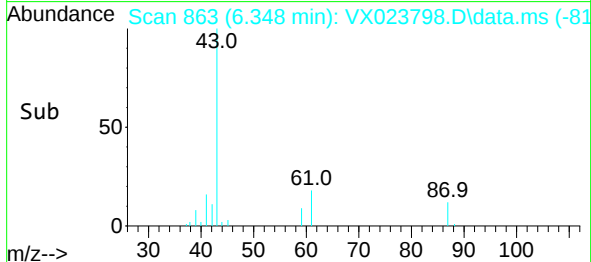
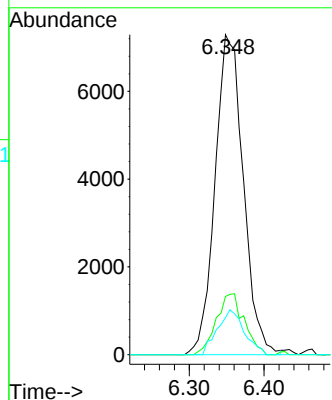
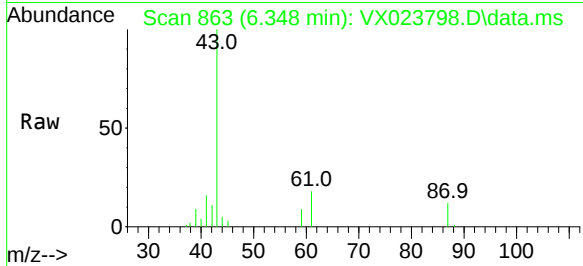




#43
Isopropyl Acetate
Concen: 4.680 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.006 min
Lab File: VX023798.D
Acq: 18 Aug 2021 05:50

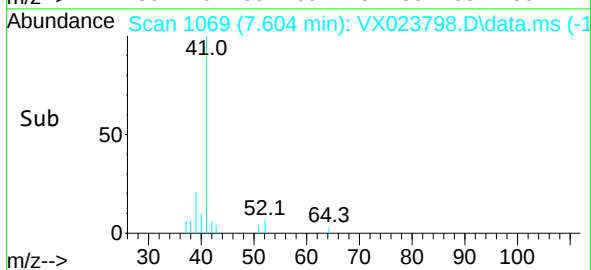
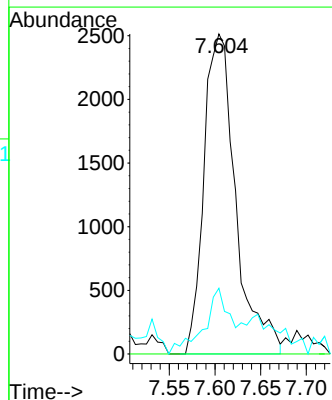
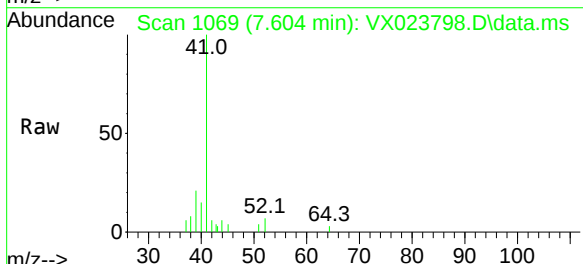
Instrument :
MSVOA_X
ClientSampled :
WC-2

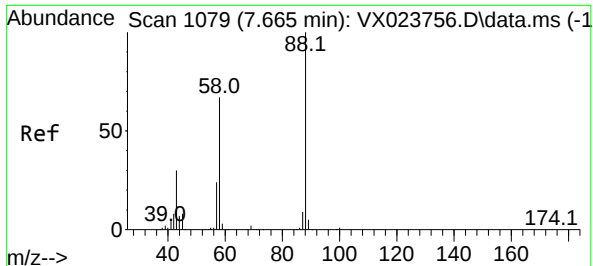
Tgt Ion: 43	Resp: 19175
Ion Ratio	Lower Upper
43 100	
61 18.7	18.2 27.4
87 13.3	12.5 18.7



#48
Methyl methacrylate
Concen: 3.048 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX023798.D
Acq: 18 Aug 2021 05:50

Tgt Ion: 41	Resp: 6093
Ion Ratio	Lower Upper
41 100	
69 0.0	76.0 114.0#
39 0.0	44.6 67.0#

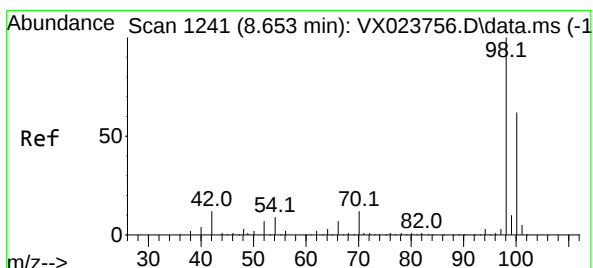
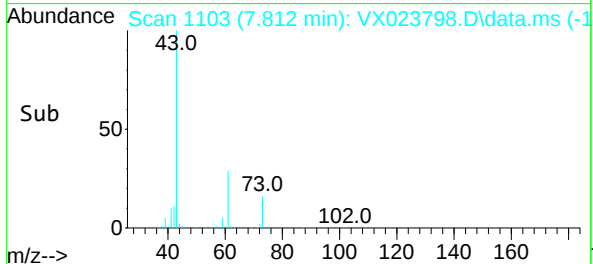
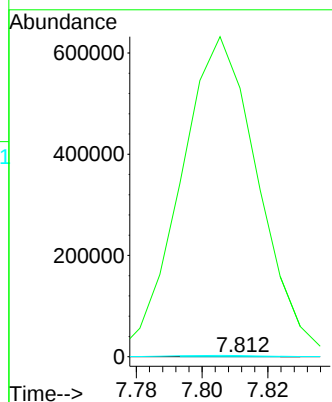
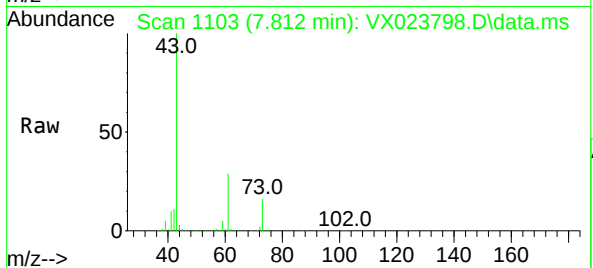




#49
1,4-Dioxane
Concen: 1.752 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. 0.147 min
Lab File: VX023798.D
Acq: 18 Aug 2021 05:50

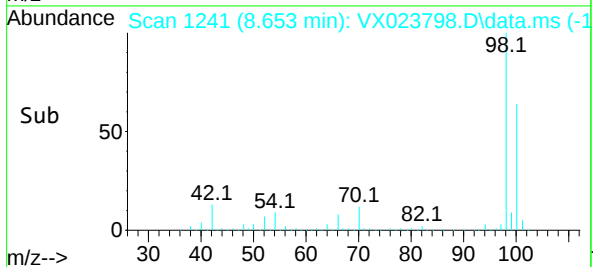
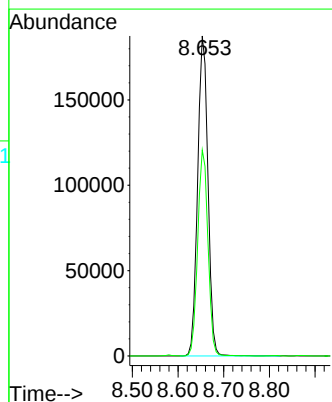
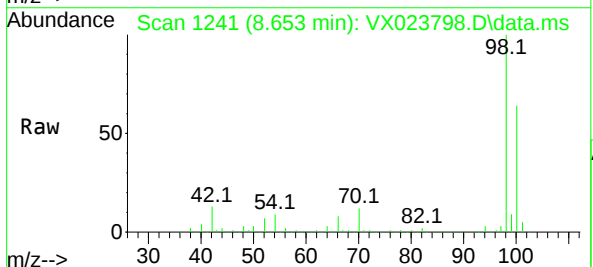
Instrument :
MSVOA_X
ClientSampled :
WC-2

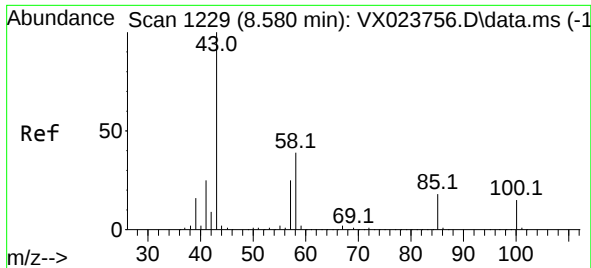
Tgt Ion: 88 Resp: 74
Ion Ratio Lower Upper
88 100
43 1420621.6 23.2 34.8#
58 6471.6 55.0 82.4#



#50
Toluene-d8
Concen: 50.714 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023798.D
Acq: 18 Aug 2021 05:50

Tgt Ion: 98 Resp: 293973
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9

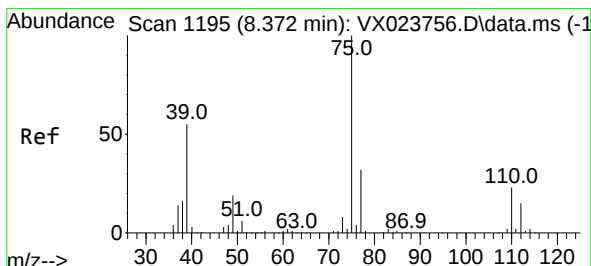
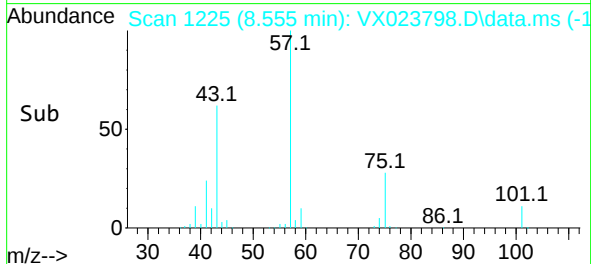
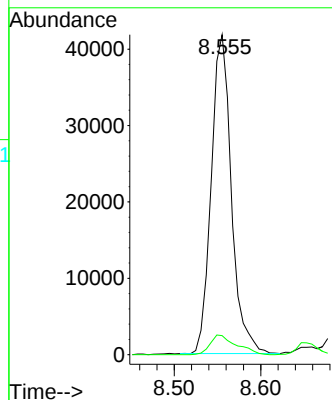
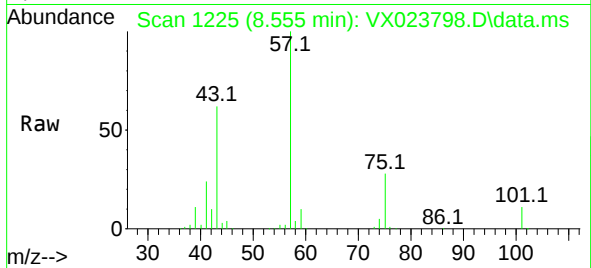




#51
4-Methyl-2-Pentanone
Concen: 25.491 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023798.D
Acq: 18 Aug 2021 05:50

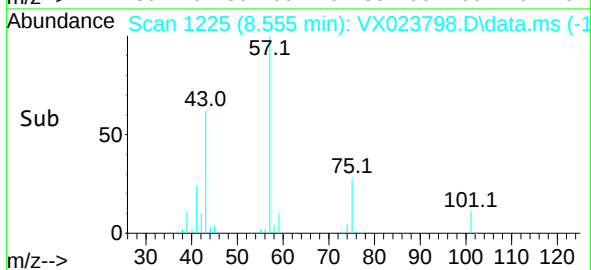
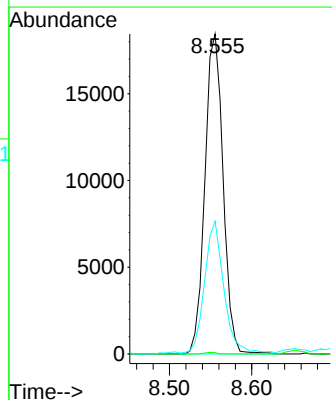
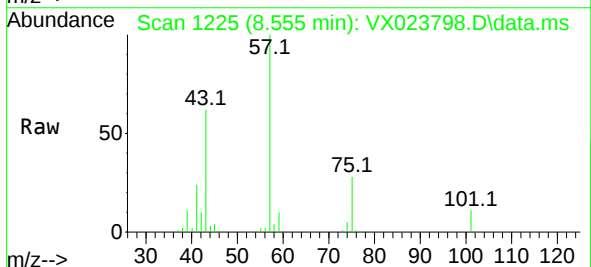
Instrument :
MSVOA_X
ClientSampled :
WC-2

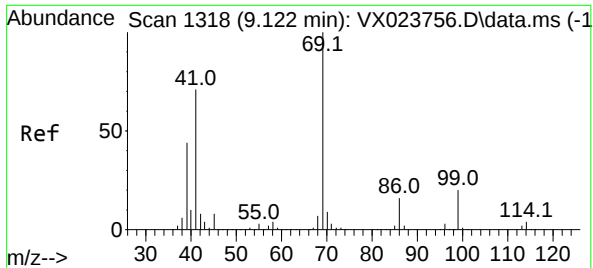
Tgt Ion: 43 Resp: 67514
Ion Ratio Lower Upper
43 100
58 8.0 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 11.089 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023798.D
Acq: 18 Aug 2021 05:50

Tgt Ion: 75 Resp: 28303
Ion Ratio Lower Upper
75 100
77 0.4 25.7 38.5#
39 41.2 35.1 52.7

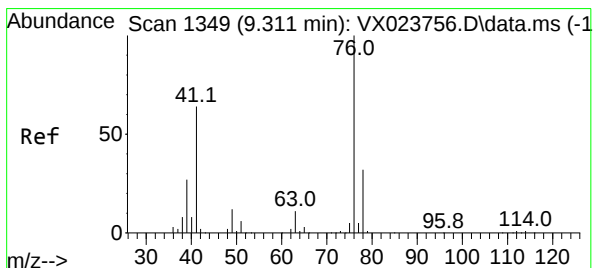
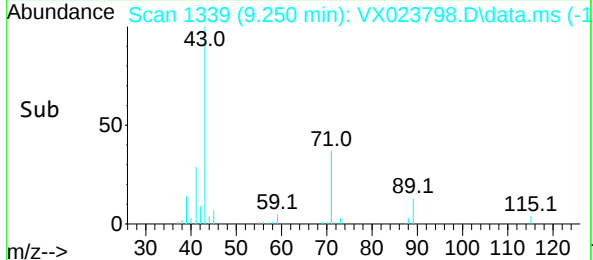
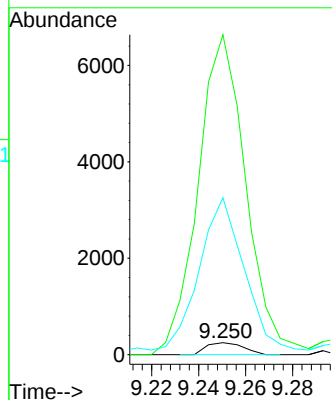
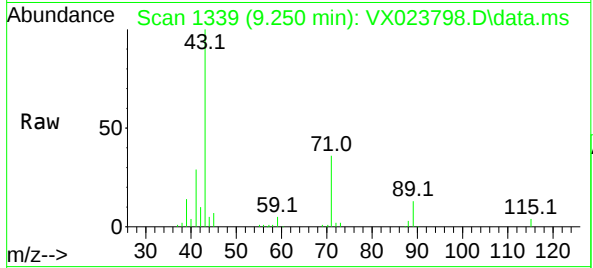




#56
Ethyl methacrylate
Concen: 0.853 ug/l
RT: 9.250 min Scan# 1339
Delta R.T. 0.128 min
Lab File: VX023798.D
Acq: 18 Aug 2021 05:50

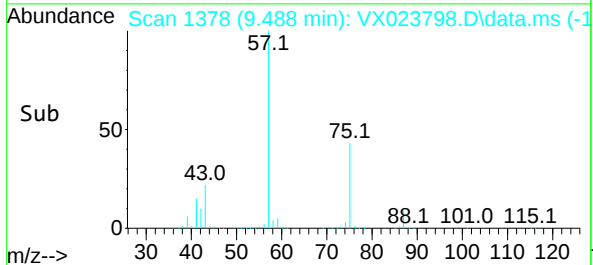
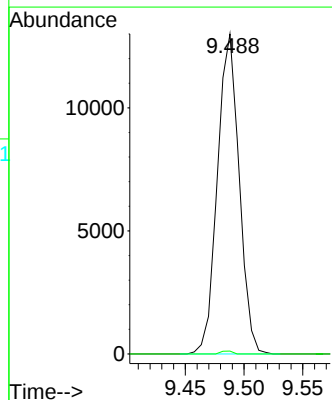
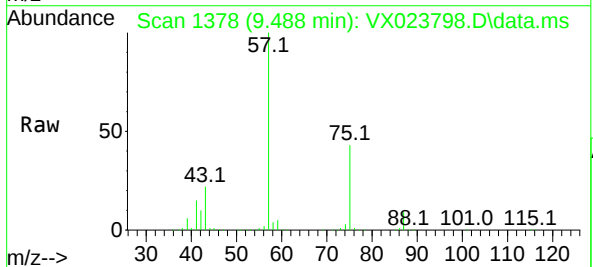
Instrument :
MSVOA_X
ClientSampled :
WC-2

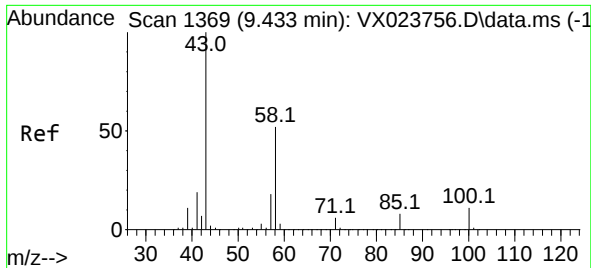
Tgt Ion: 69 Resp: 273
Ion Ratio Lower Upper
69 100
41 3454.2 46.8 70.2#
39 1562.3 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 6.008 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023798.D
Acq: 18 Aug 2021 05:50

Tgt Ion: 76 Resp: 16752
Ion Ratio Lower Upper
76 100
78 0.5 26.2 39.2#

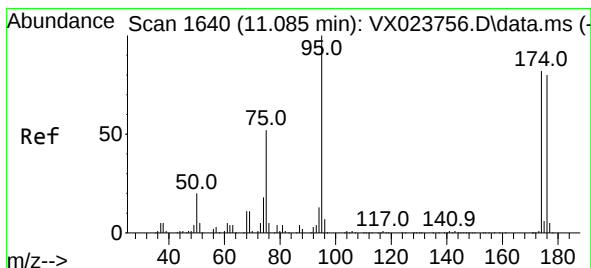
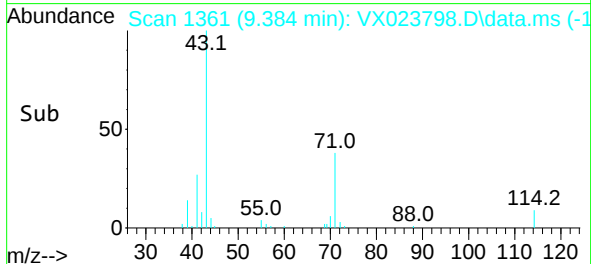
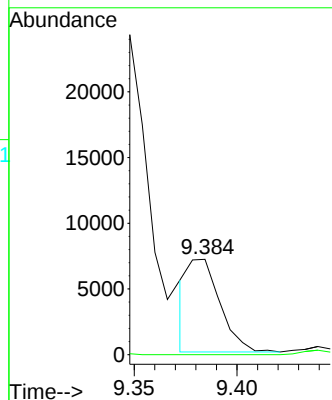
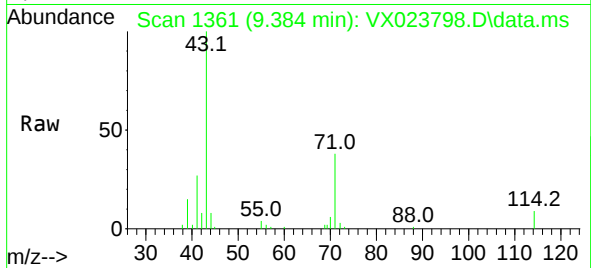




#59
2-Hexanone
Concen: 3.761 ug/l
RT: 9.384 min Scan# 1361
Delta R.T. -0.049 min
Lab File: VX023798.D
Acq: 18 Aug 2021 05:50

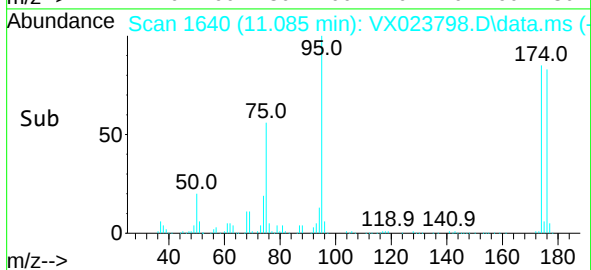
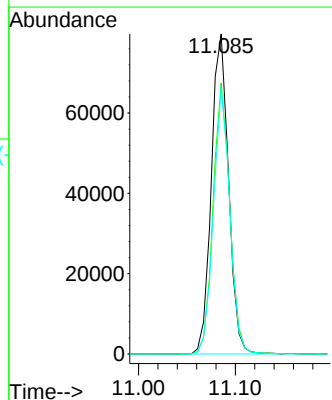
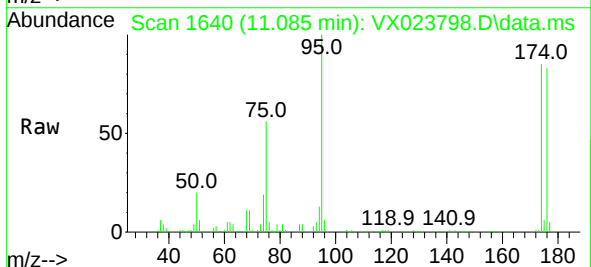
Instrument :
MSVOA_X
ClientSampled :
WC-2

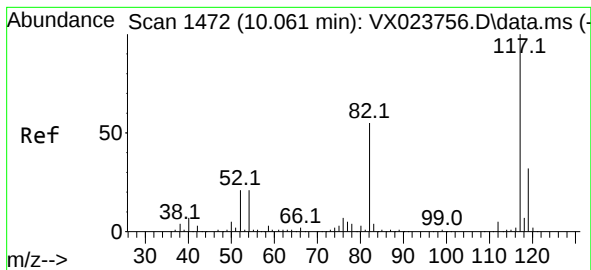
Tgt Ion: 43 Resp: 7657
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 46.226 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023798.D
Acq: 18 Aug 2021 05:50

Tgt Ion: 95 Resp: 98642
Ion Ratio Lower Upper
95 100
174 82.2 0.0 154.6
176 79.1 0.0 155.8

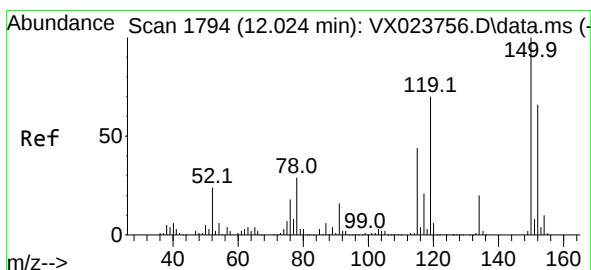
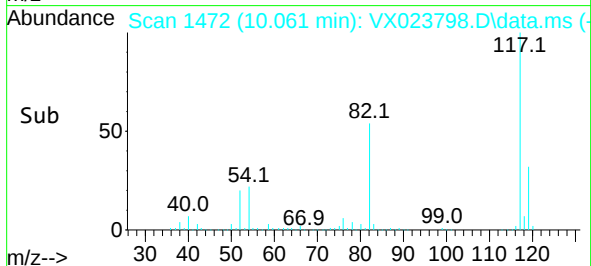
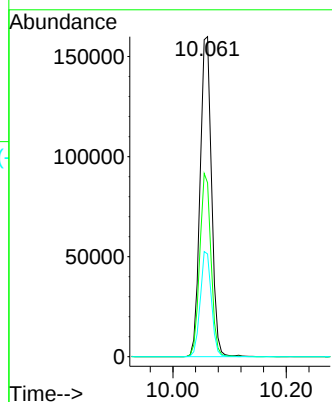
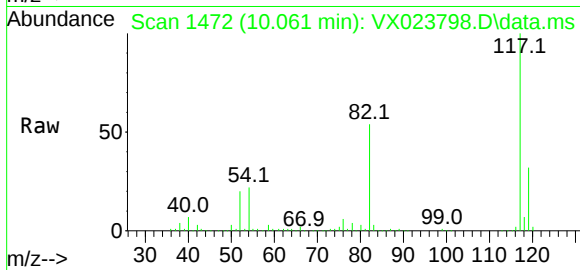




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023798.D
Acq: 18 Aug 2021 05:50

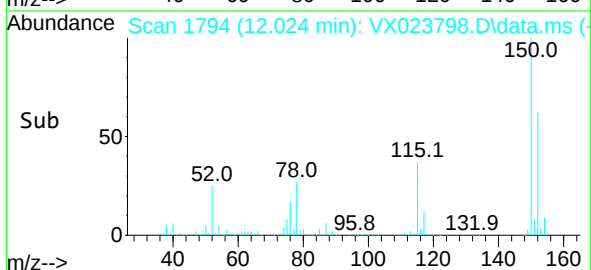
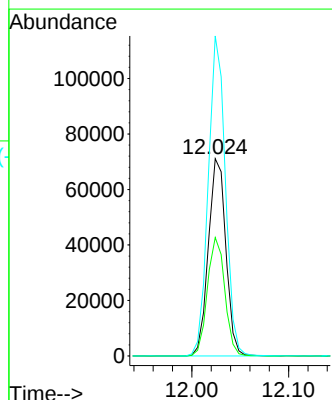
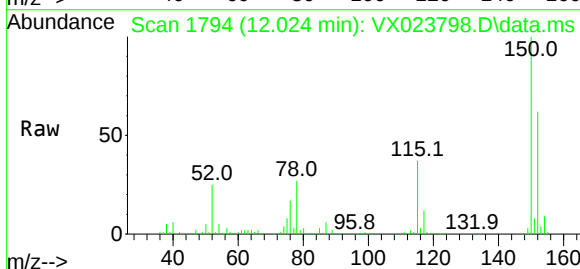
Instrument :
MSVOA_X
ClientSampled :
WC-2

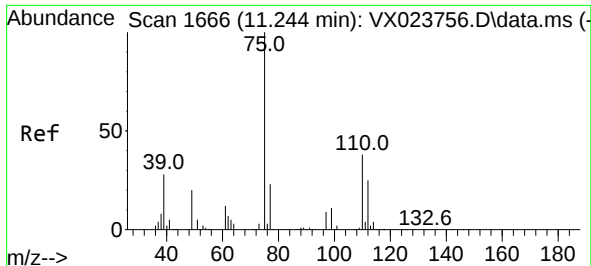
Tgt Ion:117 Resp: 224053
Ion Ratio Lower Upper
117 100
82 54.4 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023798.D
Acq: 18 Aug 2021 05:50

Tgt Ion:152 Resp: 89494
Ion Ratio Lower Upper
152 100
115 59.4 41.1 123.3
150 158.2 0.0 349.0

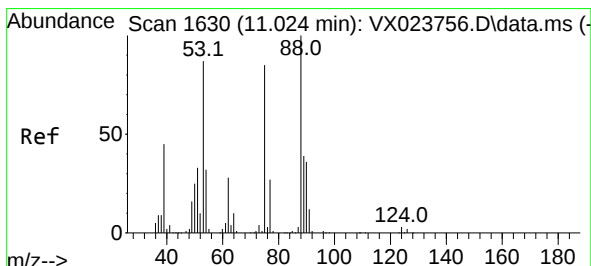
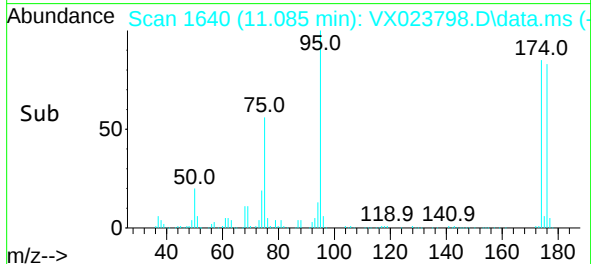
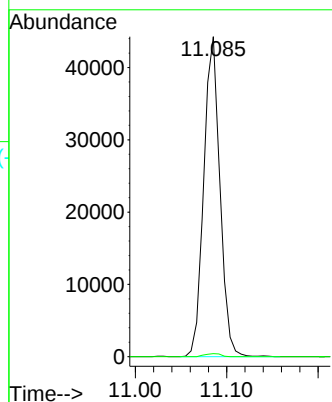
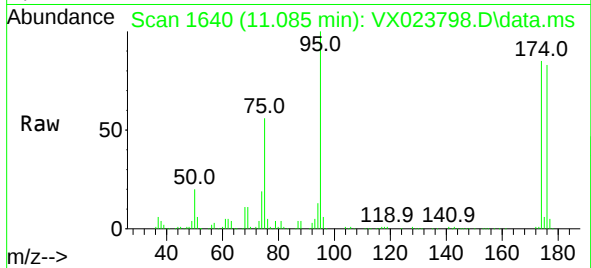




#76
1,2,3-Trichloropropane
Concen: 26.016 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023798.D
Acq: 18 Aug 2021 05:50

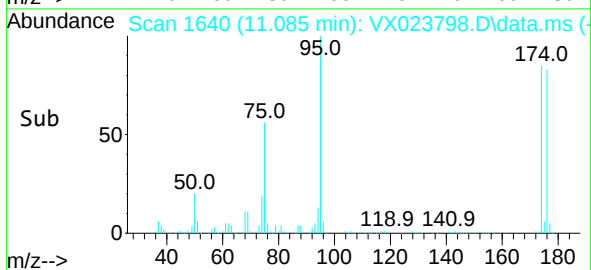
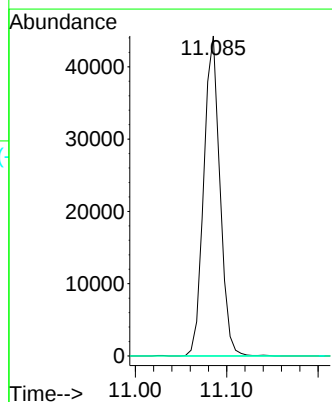
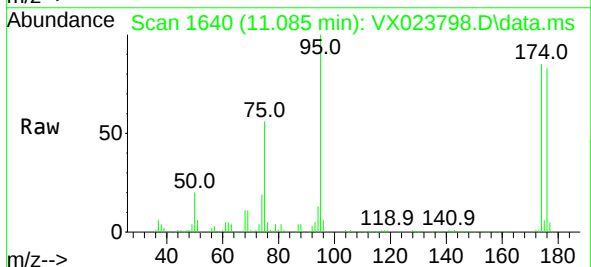
Instrument :
MSVOA_X
ClientSampled :
WC-2

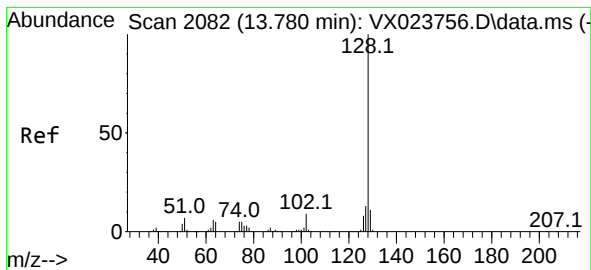
Tgt Ion: 75 Resp: 54312
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.526 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023798.D
Acq: 18 Aug 2021 05:50

Tgt Ion: 75 Resp: 54312
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.293 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023798.D
Acq: 18 Aug 2021 05:50

Instrument :
MSVOA_X
ClientSampleId :
WC-2

Tgt Ion:128	Resp:	70
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.3 15.5#
129	0.0	8.8 13.2#

