

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
 Data File : VX023797.D
 Acq On : 18 Aug 2021 05:26
 Operator : JC/MD
 Sample : M3429-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-1

Quant Time: Aug 18 07:05:07 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)

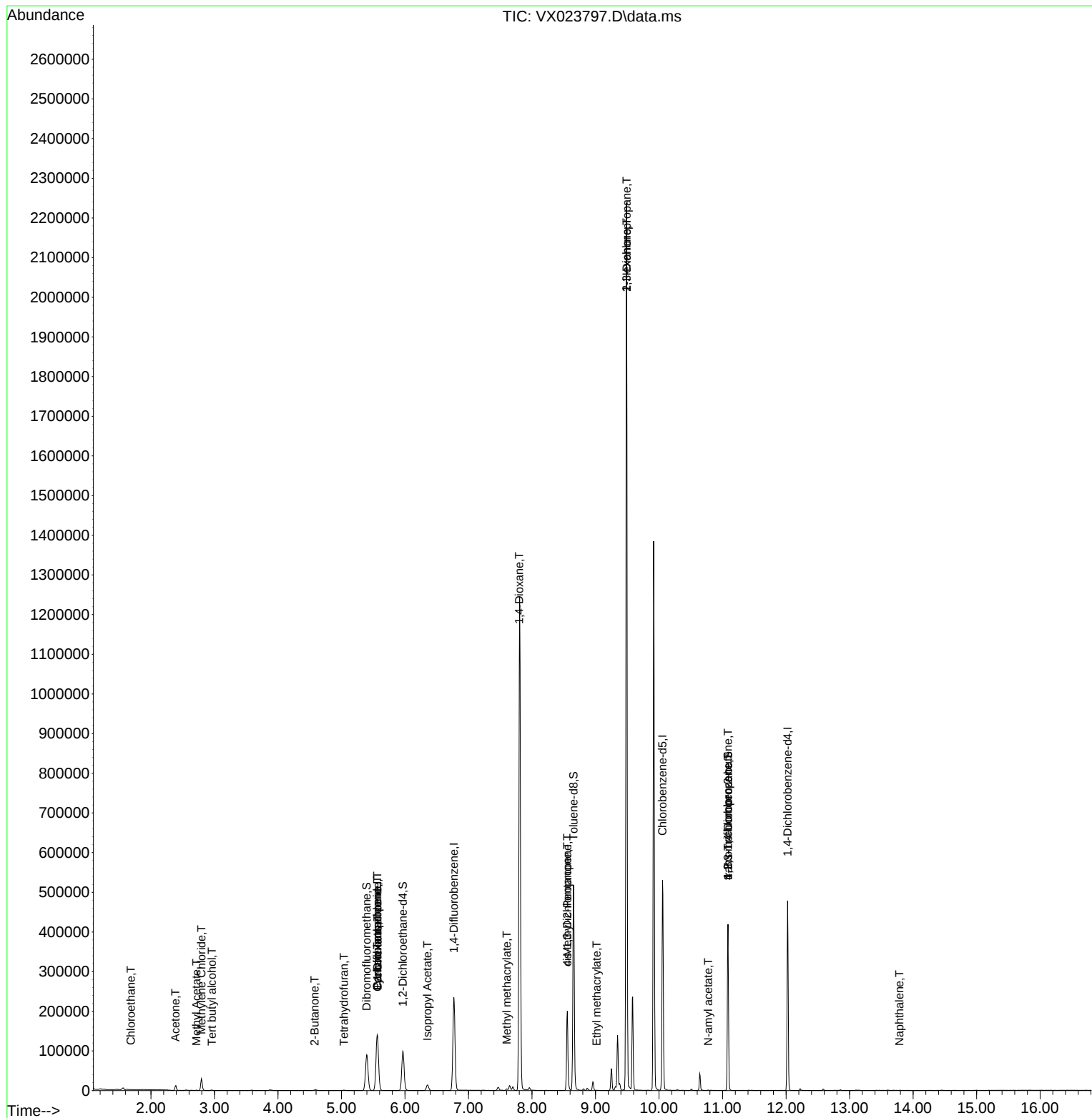
Internal Standards						
1) Pentafluorobenzene	5.562	168	132867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	232830	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97755	52.715	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.440%	
35) Dibromofluoromethane	5.397	113	75532	49.014	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.020%	
50) Toluene-d8	8.653	98	294379	50.190	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.380%	
62) 4-Bromofluorobenzene	11.085	95	102520	47.481	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.960%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.685	64	110	2.301	ug/l #	43
11) Tert butyl alcohol	2.959	59	775	2.067	ug/l #	73
16) Acetone	2.386	43	13681	16.500	ug/l	92
18) Methyl Acetate	2.715	43	1168	0.564	ug/l #	81
20) Methylene Chloride	2.794	84	12758	8.055	ug/l #	92
25) 2-Butanone	4.574	43	1770	1.409	ug/l #	78
29) Tetrahydrofuran	5.038	42	717	0.881	ug/l #	57
31) Cyclohexane	5.568	56	2829	1.187	ug/l #	16
36) 1,1-Dichloropropene	5.562	75	10524	4.881	ug/l #	50
38) Carbon Tetrachloride	5.562	117	13830	6.151	ug/l #	16
43) Isopropyl Acetate	6.354	43	19696	4.751	ug/l #	91
48) Methyl methacrylate	7.604	41	5893	2.914	ug/l #	10
49) 1,4-Dioxane	7.799	88	132	3.088	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	70357	26.254	ug/l #	43
54) cis-1,3-Dichloropropene	8.555	75	29414	11.389	ug/l #	69
56) Ethyl methacrylate	9.019	69	146	0.809	ug/l #	29
57) 1,3-Dichloropropane	9.488	76	18251	6.470	ug/l #	42
59) 2-Hexanone	9.488	43	269084	130.626	ug/l #	42
74) N-amyl acetate	10.774	43	685	0.213	ug/l #	40
76) 1,2,3-Trichloropropane	11.085	75	55155	25.284	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55155	74.373	ug/l #	12
95) Naphthalene	13.786	128	152	1.304	ug/l #	69

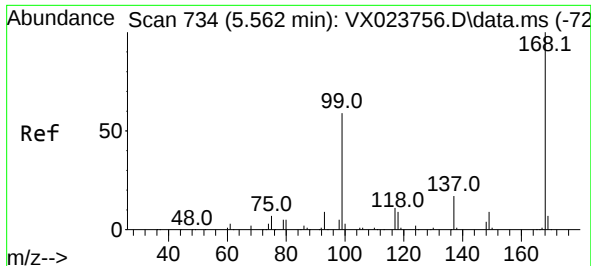
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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WC-1

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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

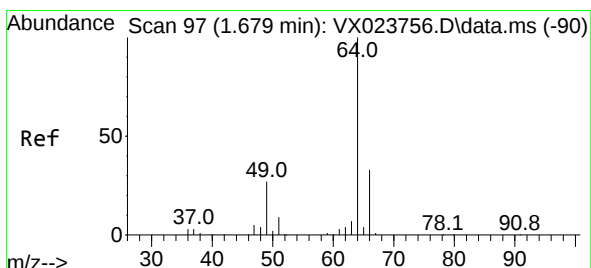
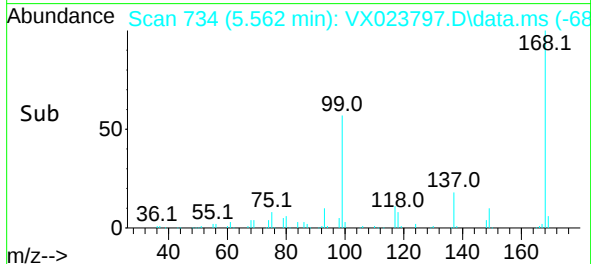
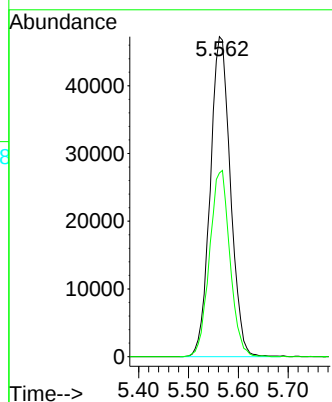
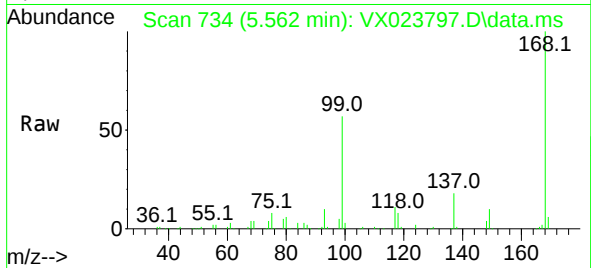




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

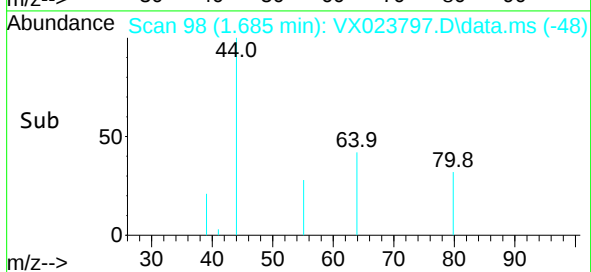
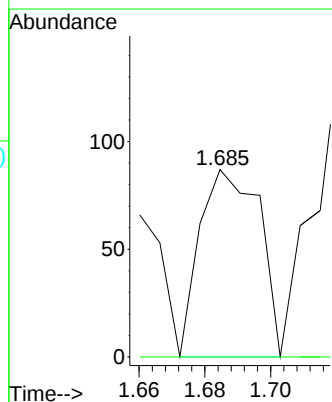
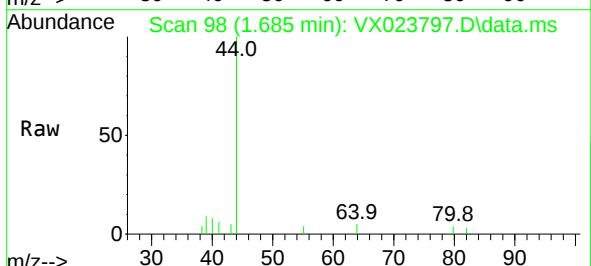
Instrument :
MSVOA_X
ClientSampled :
WC-1

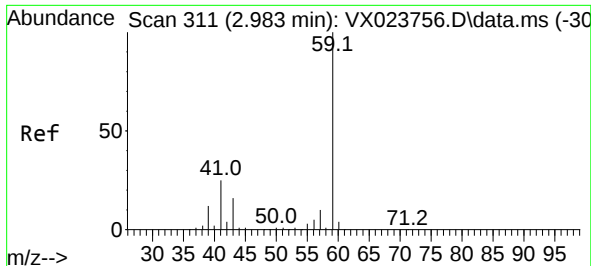
Tgt Ion:168 Resp: 132867
Ion Ratio Lower Upper
168 100
99 57.4 45.8 68.6



#6
Chloroethane
Concen: 2.301 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

Tgt Ion: 64 Resp: 110
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



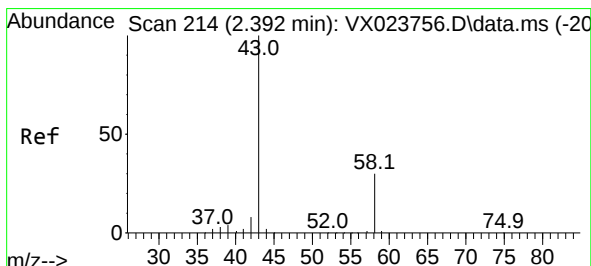
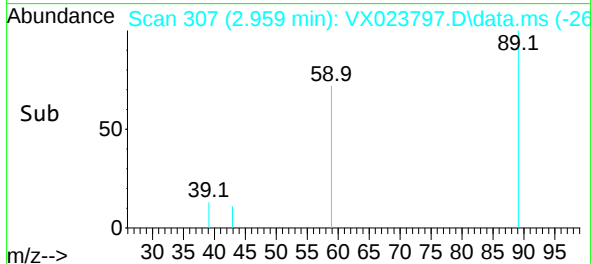
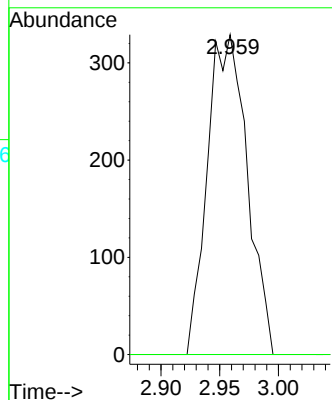
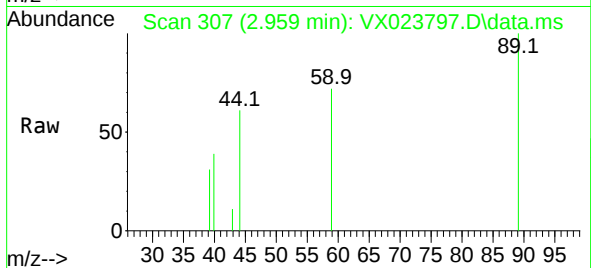


#11

Tert butyl alcohol
Concen: 2.067 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

Instrument :
MSVOA_X
ClientSampled :
WC-1

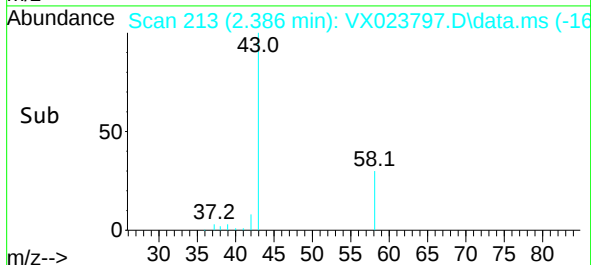
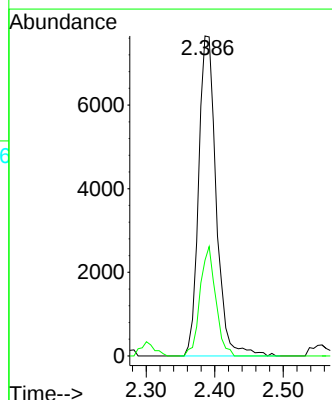
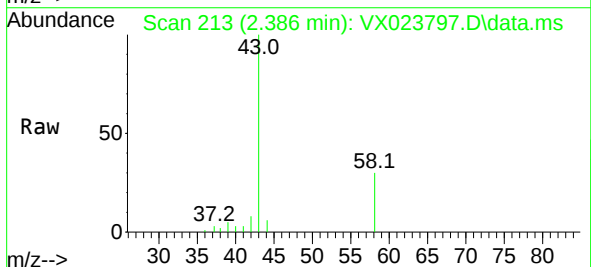
Tgt Ion: 59 Resp: 775
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

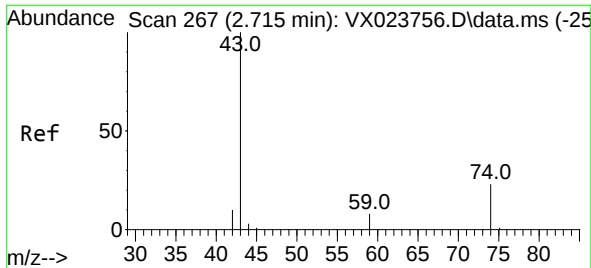


#16

Acetone
Concen: 16.500 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

Tgt Ion: 43 Resp: 13681
Ion Ratio Lower Upper
43 100
58 29.9 27.8 41.8

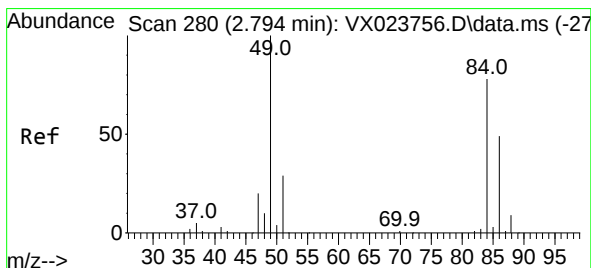
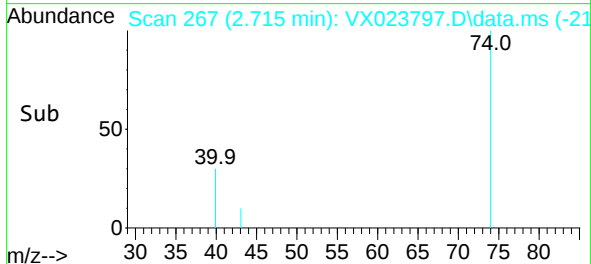
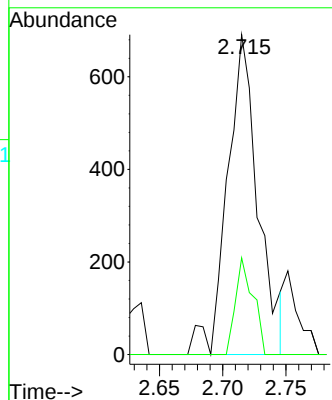
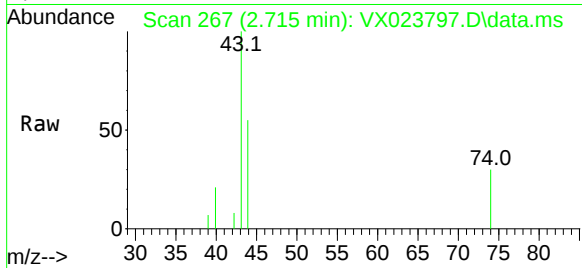




#18
Methyl Acetate
Concen: 0.564 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

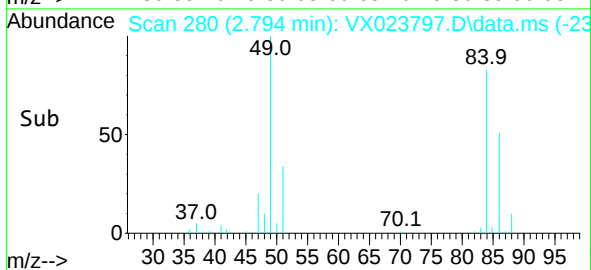
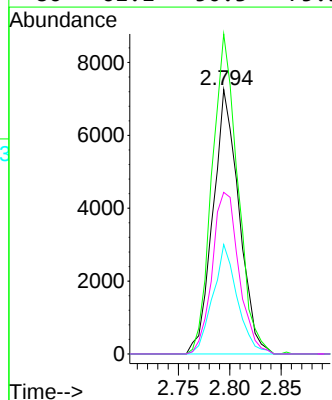
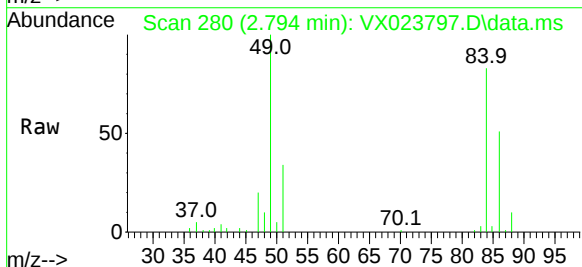
Instrument :
MSVOA_X
ClientSampled :
WC-1

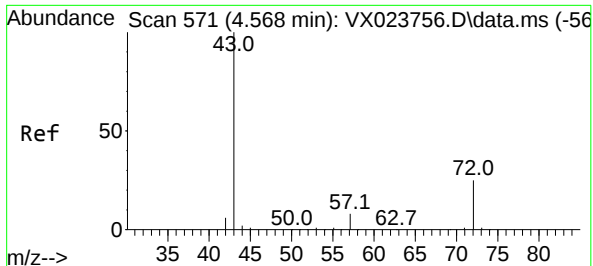
Tgt Ion: 43 Resp: 1168
Ion Ratio Lower Upper
43 100
74 17.4 21.9 32.9#



#20
Methylene Chloride
Concen: 8.055 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

Tgt Ion: 84 Resp: 12758
Ion Ratio Lower Upper
84 100
49 121.0 88.6 132.8
51 41.4 27.0 40.6#
86 61.1 50.3 75.5





#25

2-Butanone

Concen: 1.409 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

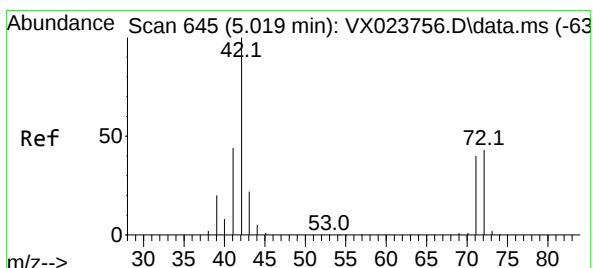
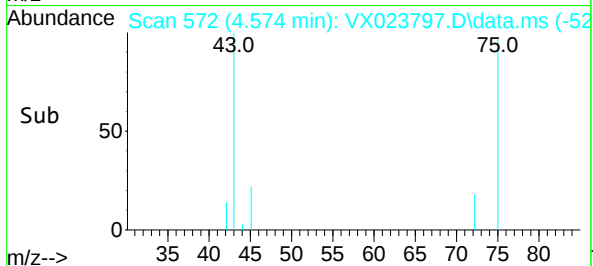
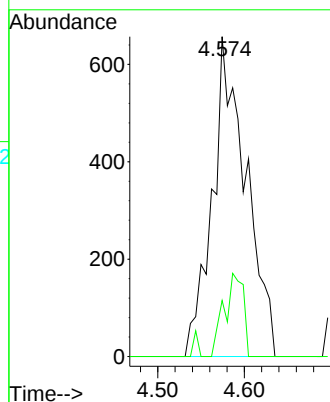
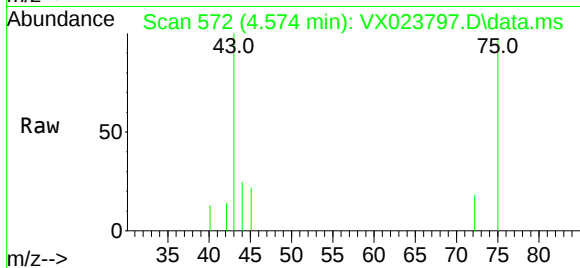
Lab File: VX023797.D

Acq: 18 Aug 2021 05:26

Tgt Ion: 43 Resp: 1770

Ion Ratio Lower Upper

43	100		
72	17.5	23.7	35.5#



#29

Tetrahydrofuran

Concen: 0.881 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.019 min

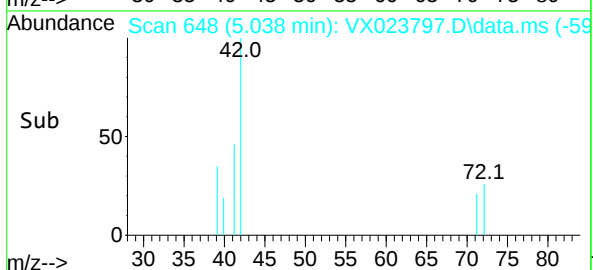
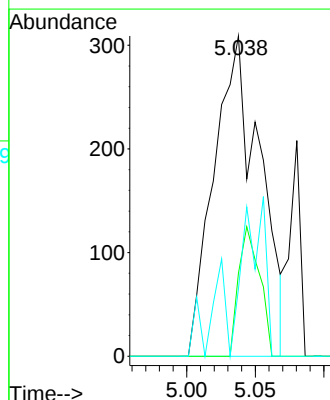
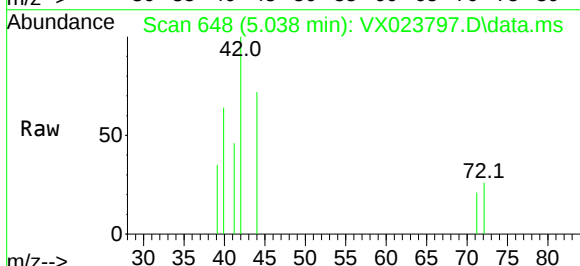
Lab File: VX023797.D

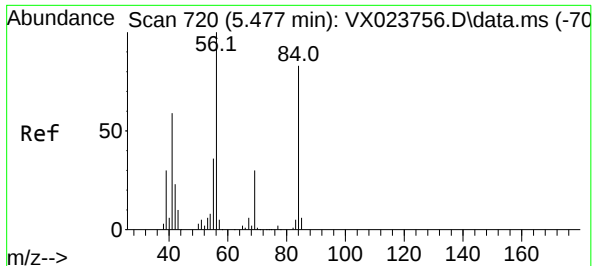
Acq: 18 Aug 2021 05:26

Tgt Ion: 42 Resp: 717

Ion Ratio Lower Upper

42	100		
72	18.7	41.7	62.5#
71	22.9	38.4	57.6#

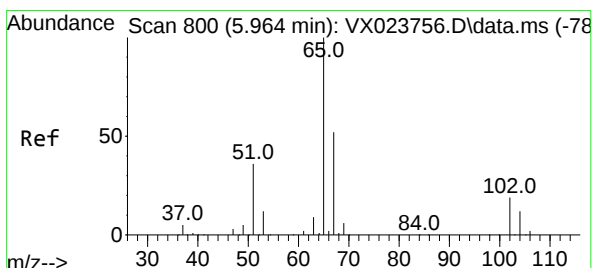
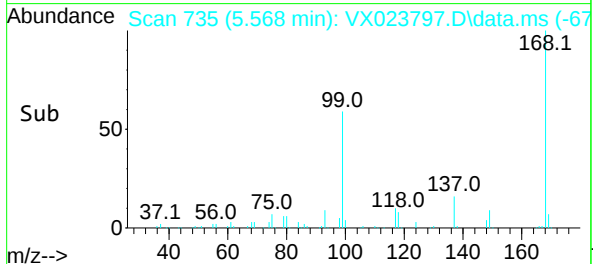
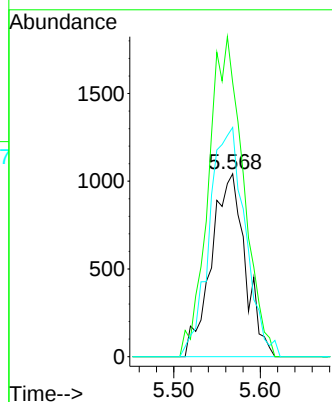
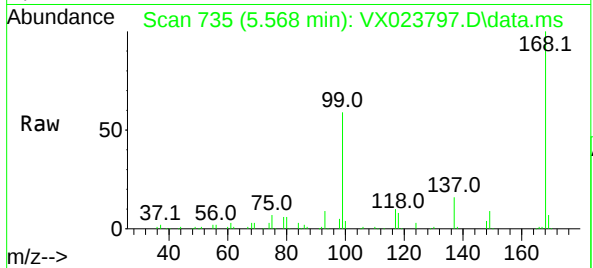




#31
Cyclohexane
Concen: 1.187 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

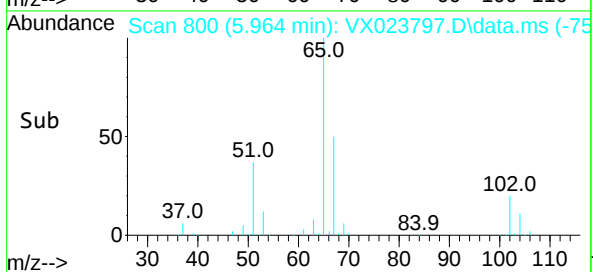
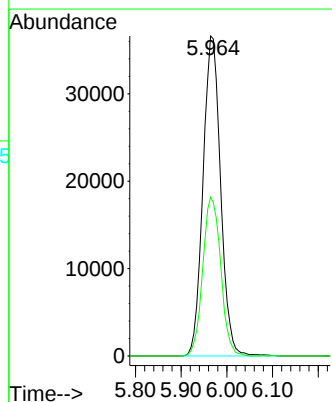
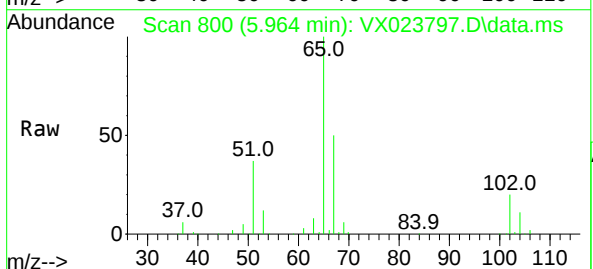
Instrument :
MSVOA_X
ClientSampled :
WC-1

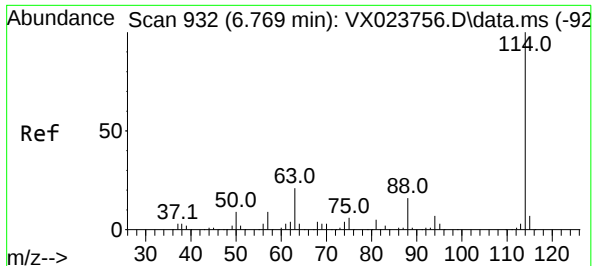
Tgt Ion: 56 Resp: 2829
Ion Ratio Lower Upper
56 100
69 149.9 25.3 37.9#
84 125.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.715 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

Tgt Ion: 65 Resp: 97755
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

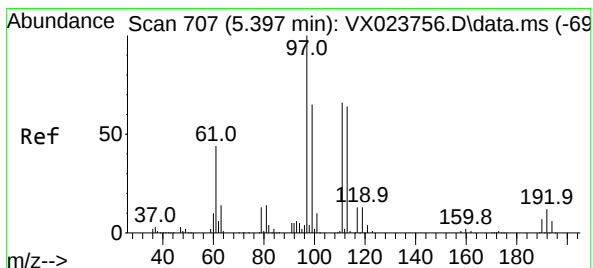
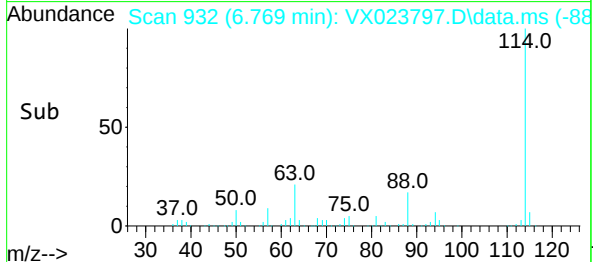
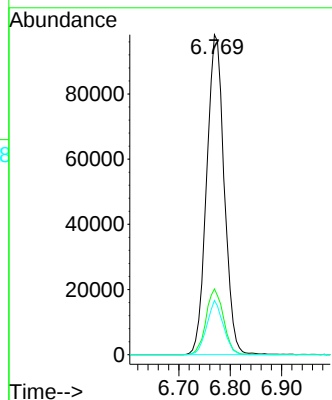
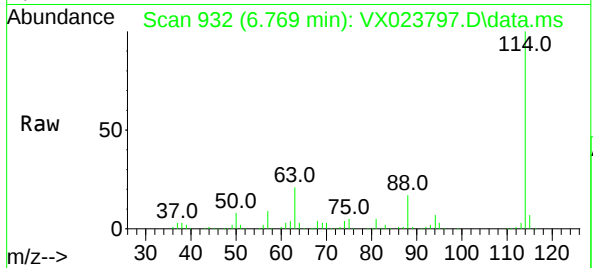




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

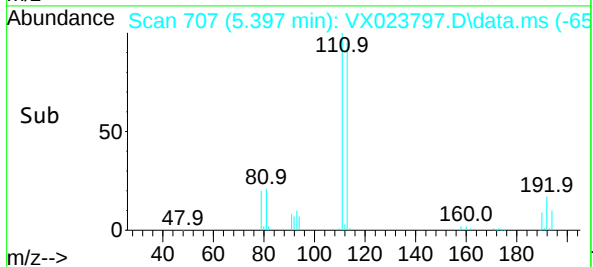
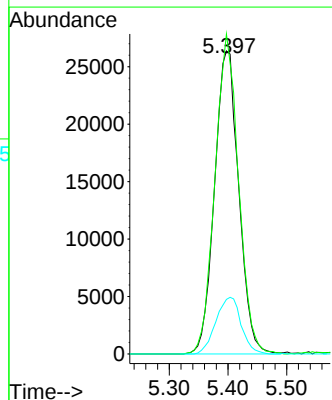
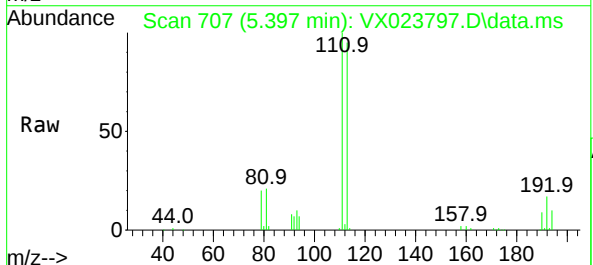
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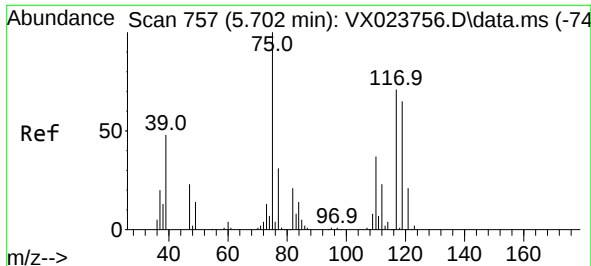
Tgt Ion:114 Resp: 232830
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.014 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

Tgt Ion:113 Resp: 75532
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 19.4 16.7 25.1

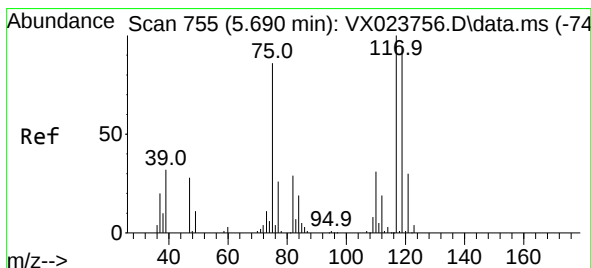
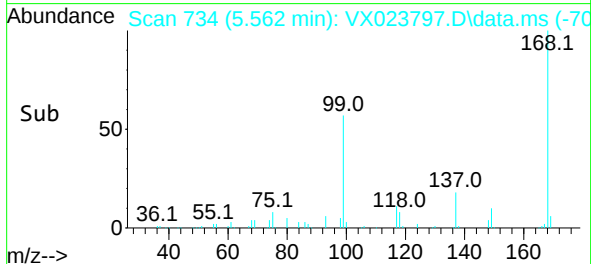
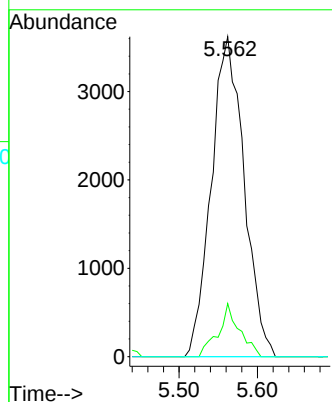
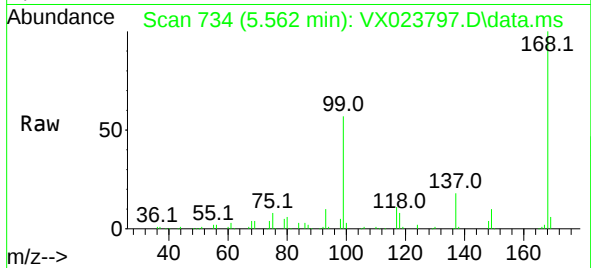




#36
1,1-Dichloropropene
Concen: 4.881 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

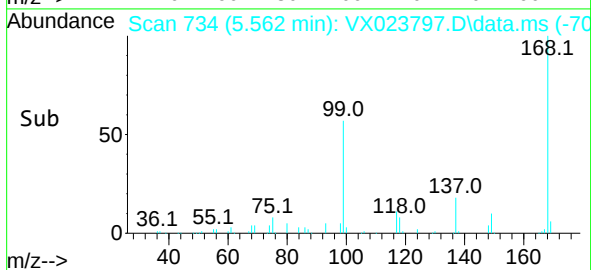
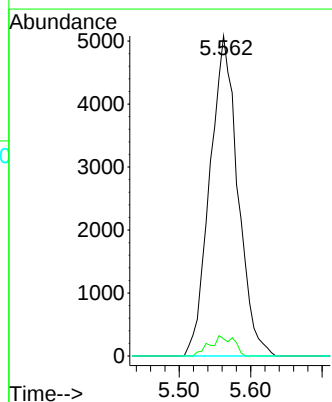
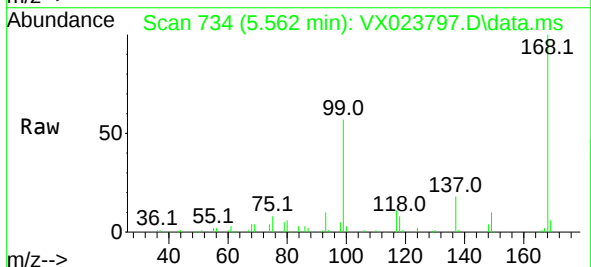
Instrument :
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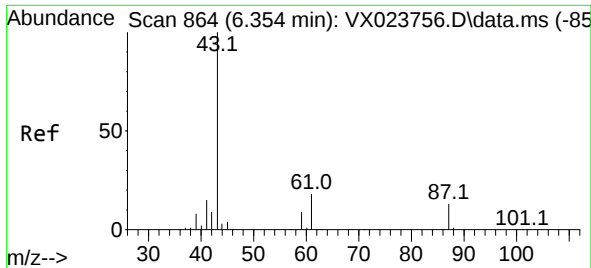
Tgt Ion: 75 Resp: 10524
Ion Ratio Lower Upper
75 100
110 10.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.151 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

Tgt Ion: 117 Resp: 13830
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#

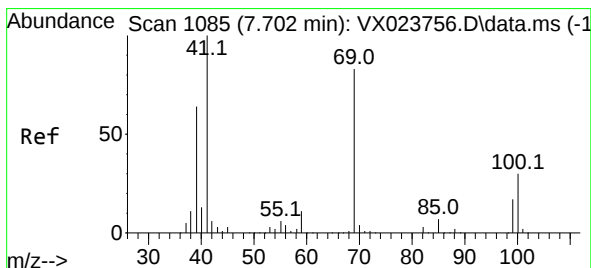
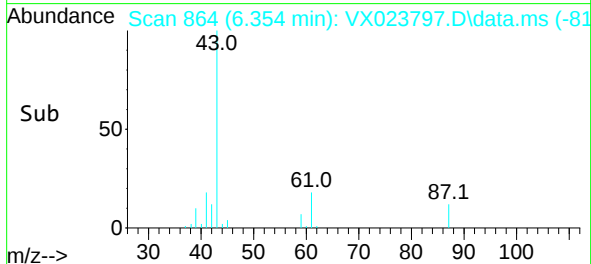
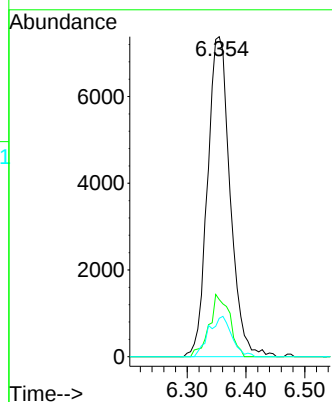
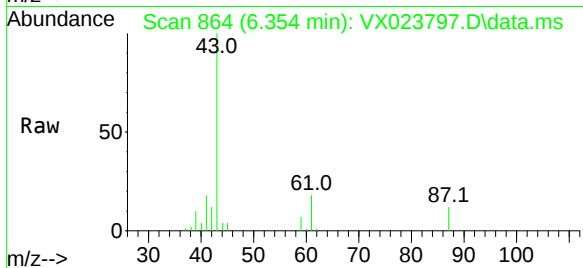




#43
Isopropyl Acetate
Concen: 4.751 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.000 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

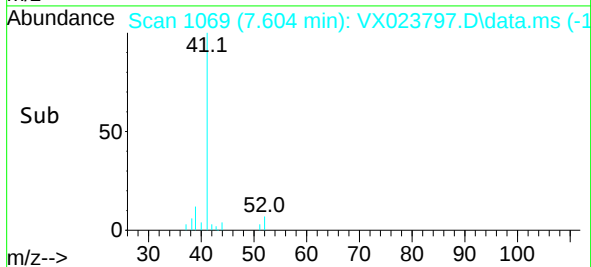
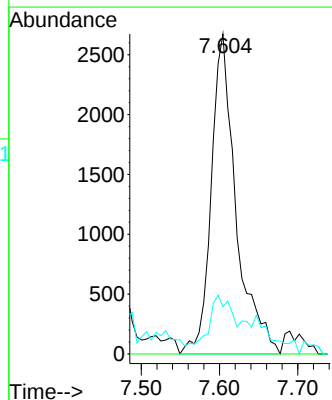
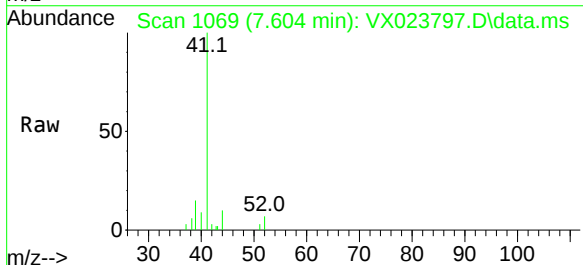
Instrument :
MSVOA_X
ClientSampled :
WC-1

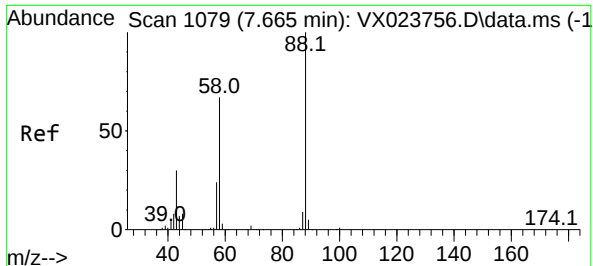
Tgt Ion: 43 Resp: 19696
Ion Ratio Lower Upper
43 100
61 17.5 18.2 27.4#
87 12.8 12.5 18.7



#48
Methyl methacrylate
Concen: 2.914 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

Tgt Ion: 41 Resp: 5893
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#

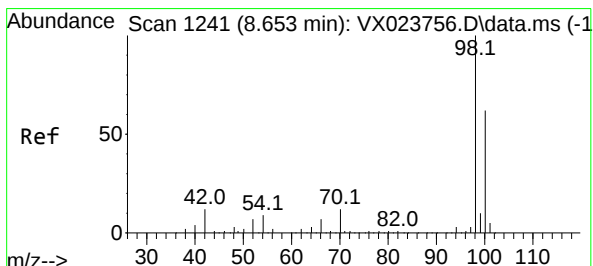
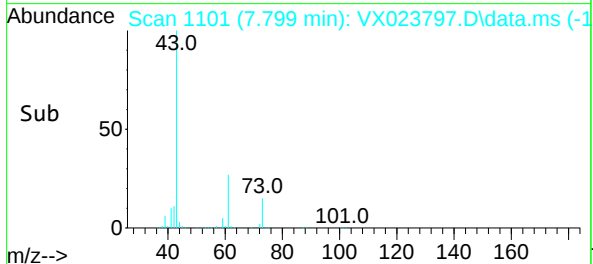
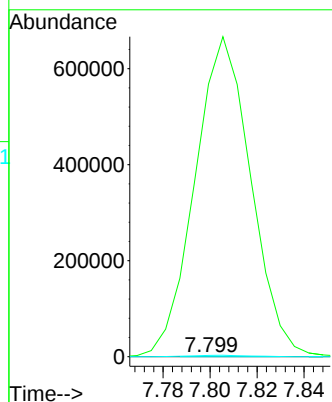
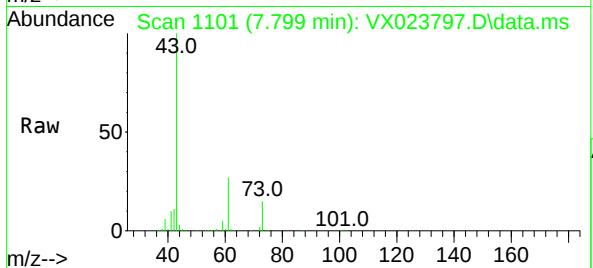




#49
1,4-Dioxane
Concen: 3.088 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.134 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

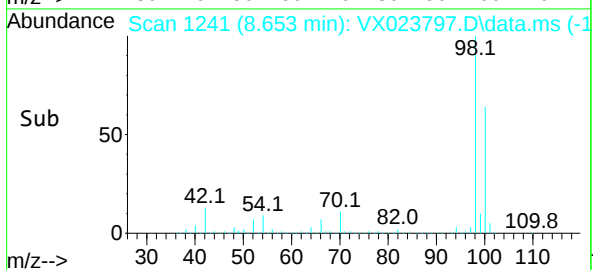
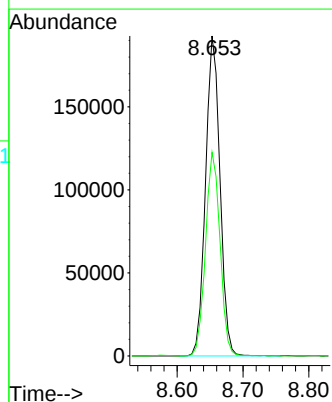
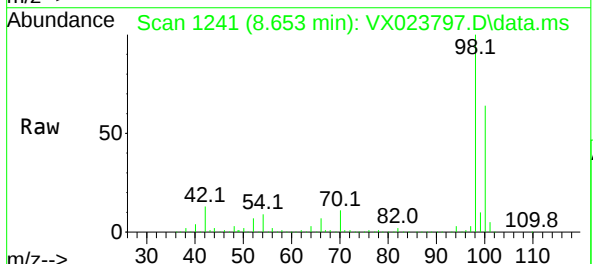
Instrument :
MSVOA_X
ClientSampled :
WC-1

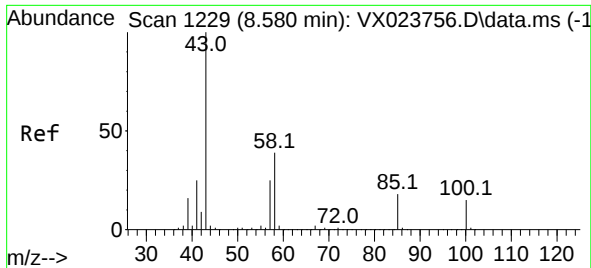
Tgt Ion: 88 Resp: 132
Ion Ratio Lower Upper
88 100
43 843918.9 23.2 34.8#
58 3901.5 55.0 82.4#



#50
Toluene-d8
Concen: 50.190 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

Tgt Ion: 98 Resp: 294379
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

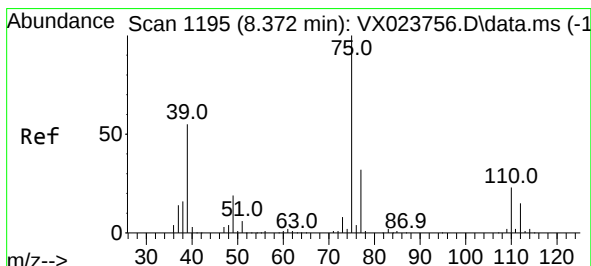
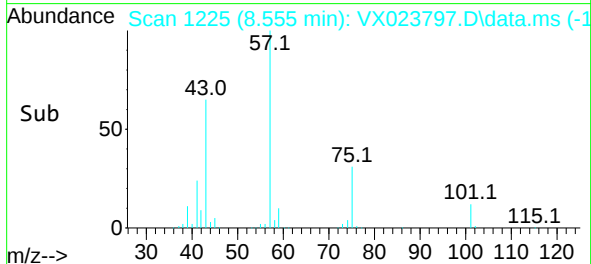
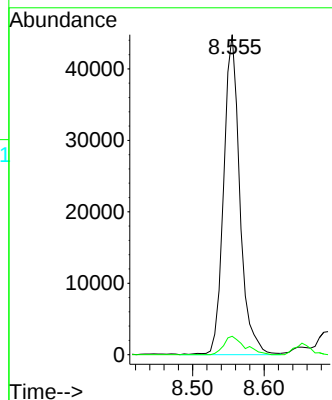
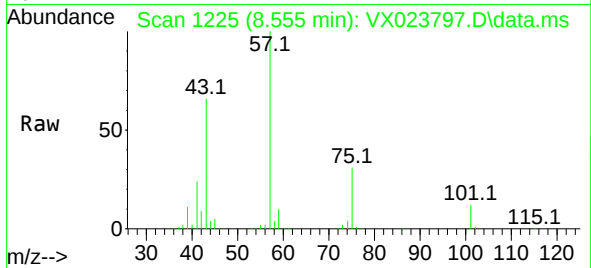




#51
4-Methyl-2-Pentanone
Concen: 26.254 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

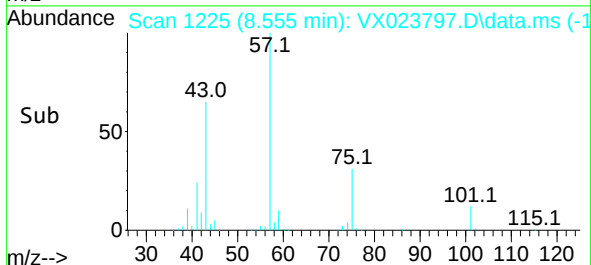
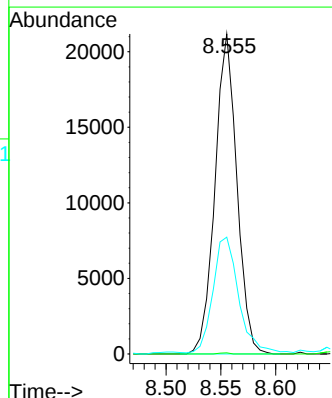
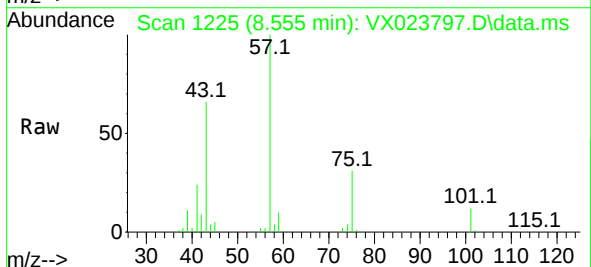
Instrument :
MSVOA_X
ClientSampled :
WC-1

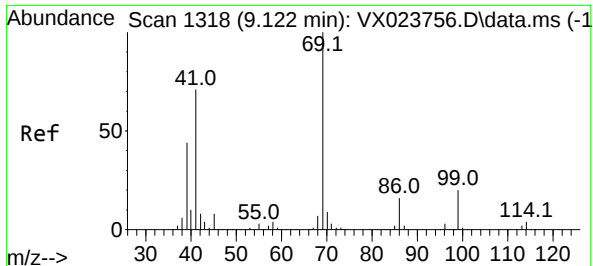
Tgt Ion: 43 Resp: 70357
Ion Ratio Lower Upper
43 100
58 7.4 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 11.389 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

Tgt Ion: 75 Resp: 29414
Ion Ratio Lower Upper
75 100
77 0.3 25.7 38.5#
39 36.1 35.1 52.7

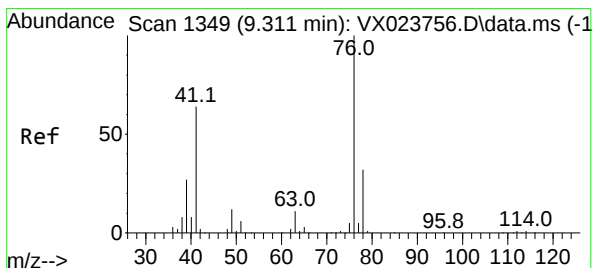
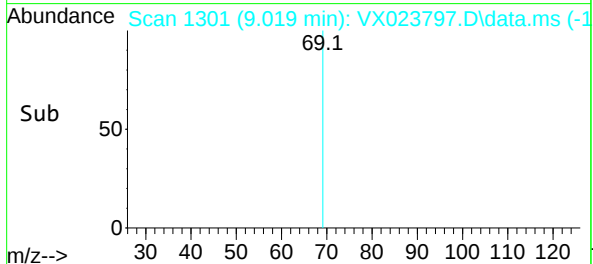
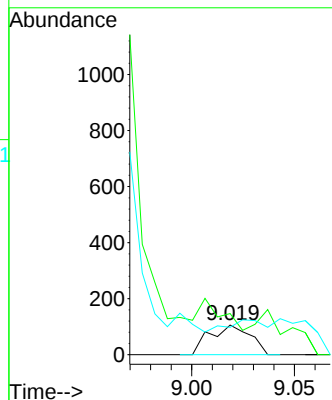
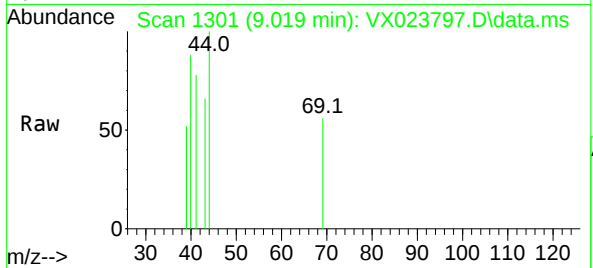




#56
Ethyl methacrylate
Concen: 0.809 ug/l
RT: 9.019 min Scan# 1301
Delta R.T. -0.103 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

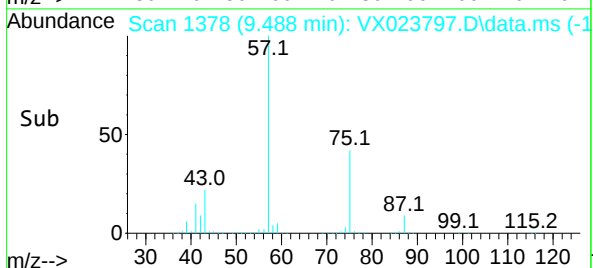
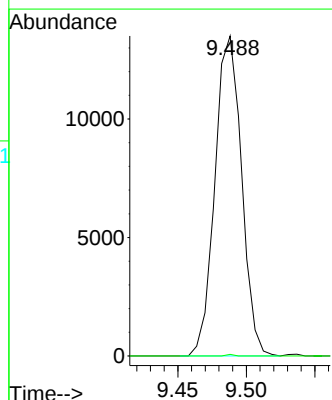
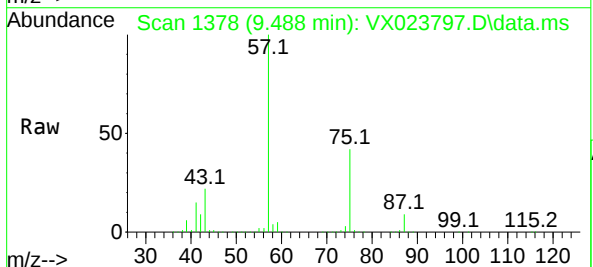
Instrument :
MSVOA_X
ClientSampled :
WC-1

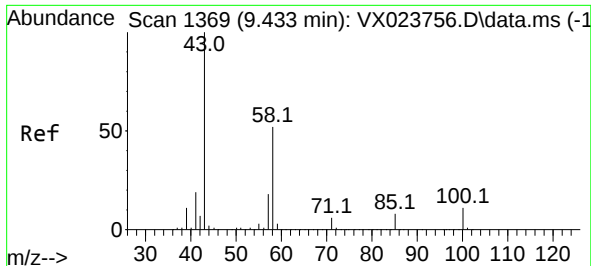
Tgt Ion: 69 Resp: 146
Ion Ratio Lower Upper
69 100
41 0.0 46.8 70.2#
39 0.0 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 6.470 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

Tgt Ion: 76 Resp: 18251
Ion Ratio Lower Upper
76 100
78 0.1 26.2 39.2#

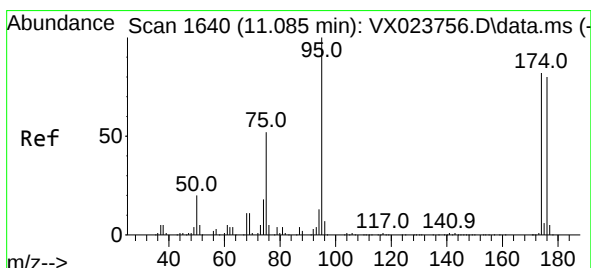
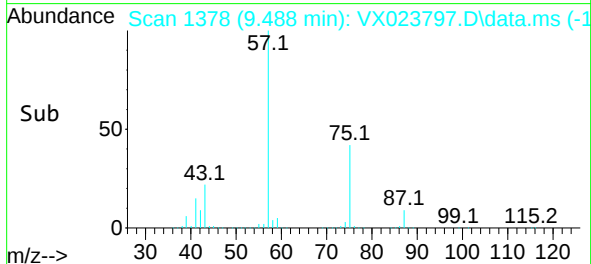
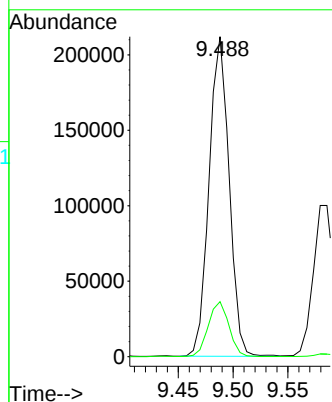
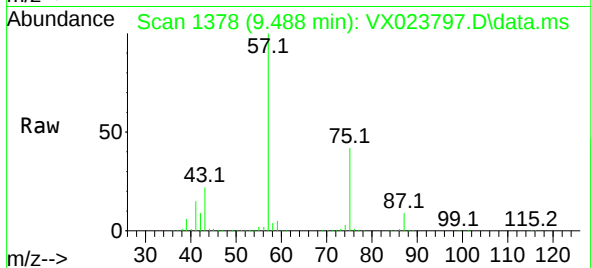




#59
2-Hexanone
Concen: 130.626 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

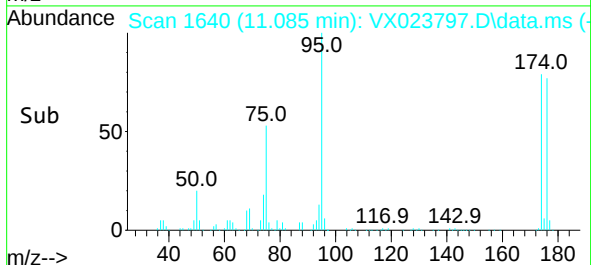
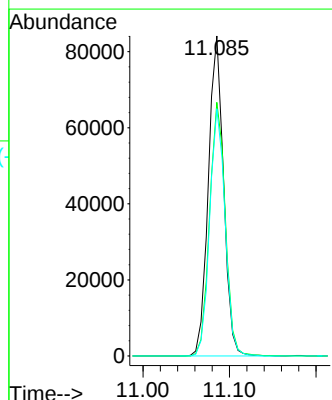
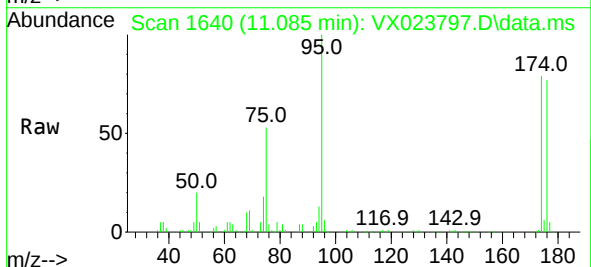
Instrument :
MSVOA_X
ClientSampled :
WC-1

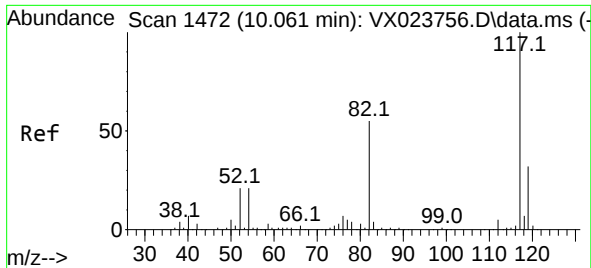
Tgt Ion: 43 Resp: 269084
Ion Ratio Lower Upper
43 100
58 17.7 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 47.481 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

Tgt Ion: 95 Resp: 102520
Ion Ratio Lower Upper
95 100
174 81.9 0.0 154.6
176 78.1 0.0 155.8

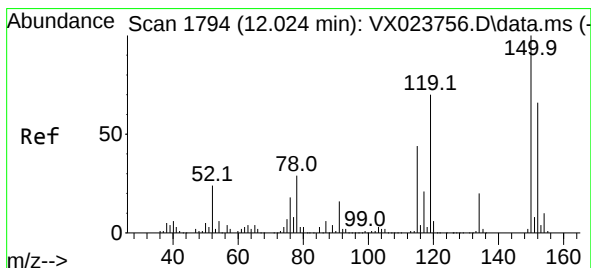
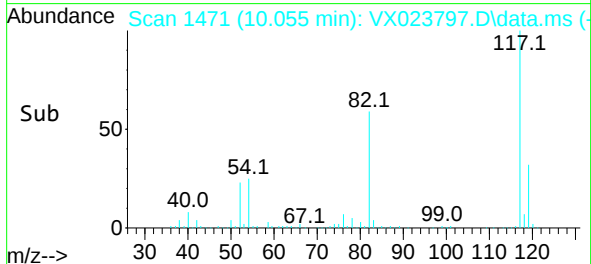
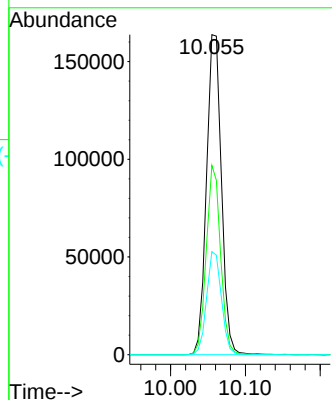
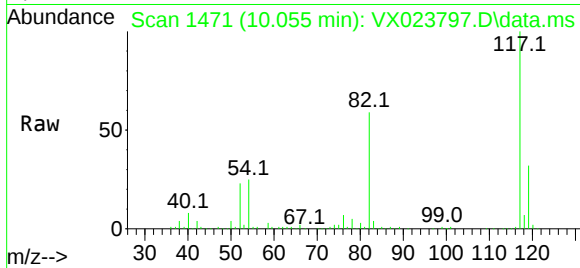




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

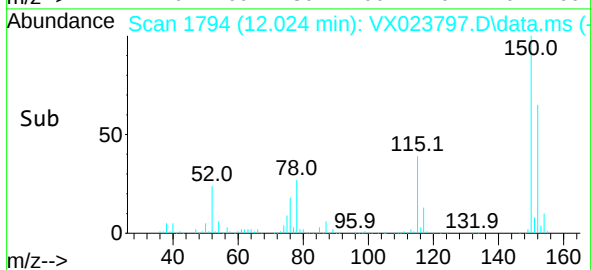
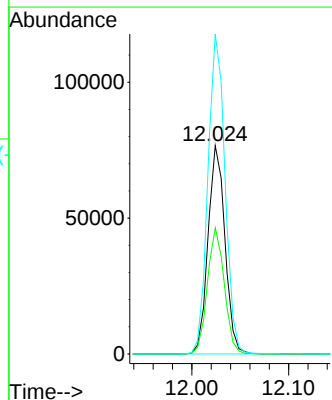
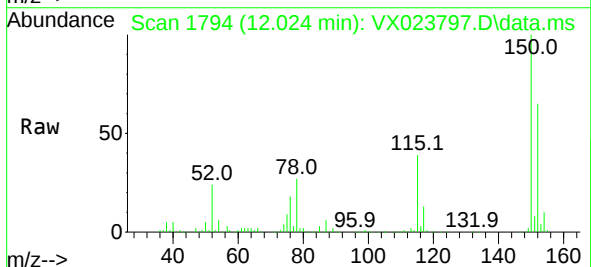
Instrument :
MSVOA_X
ClientSampled :
WC-1

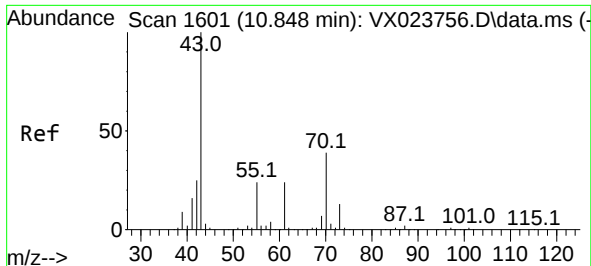
Tgt Ion:117 Resp: 227297
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

Tgt Ion:152 Resp: 93514
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 154.8 0.0 349.0

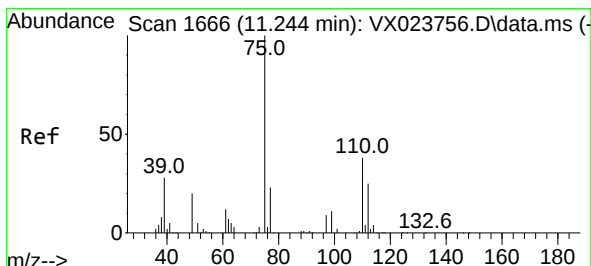
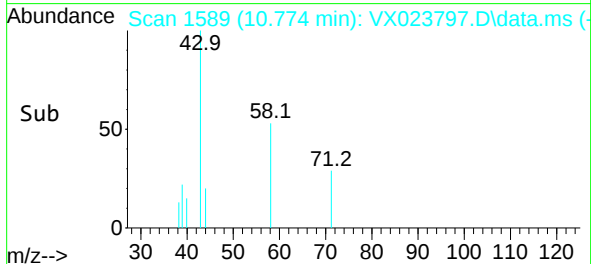
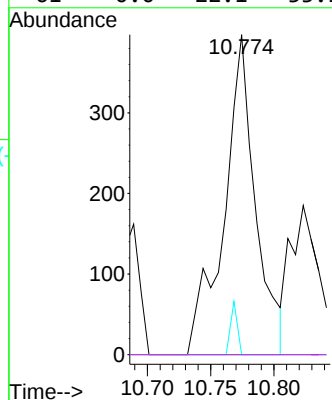
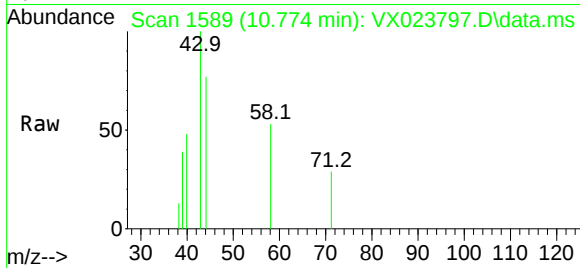




#74
N-amy1 acetate
Concen: 0.213 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.074 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

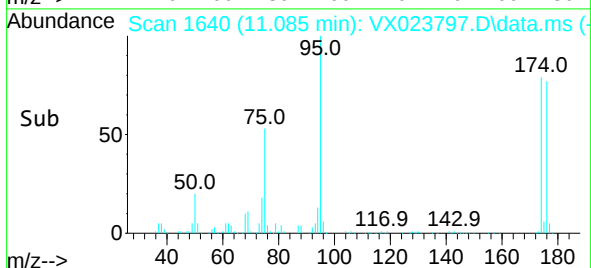
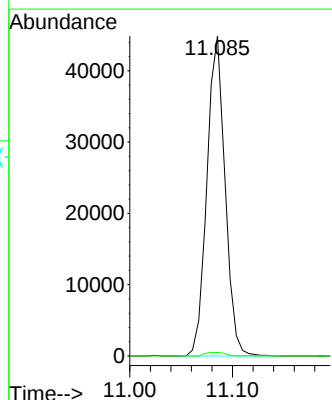
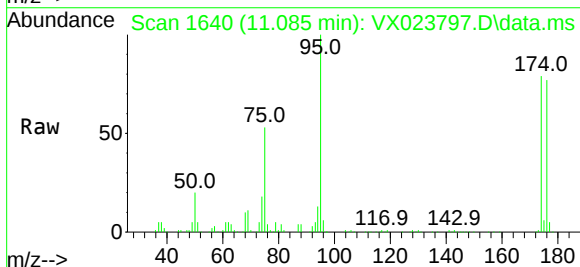
Instrument :
MSVOA_X
ClientSampled :
WC-1

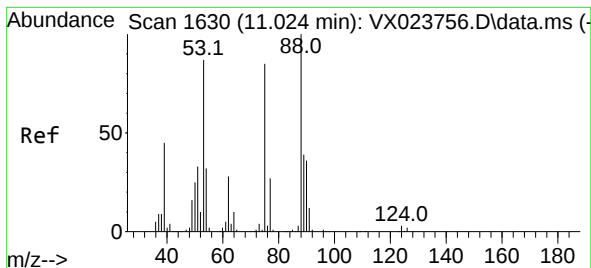
Tgt Ion: 43	Resp: 685
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 3.5	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 25.284 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

Tgt Ion: 75	Resp: 55155
Ion Ratio	Lower Upper
75 100	
77 1.2	19.1 57.5#

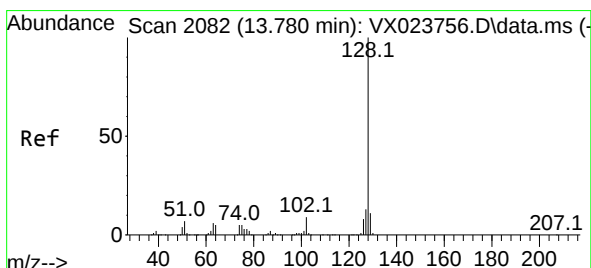
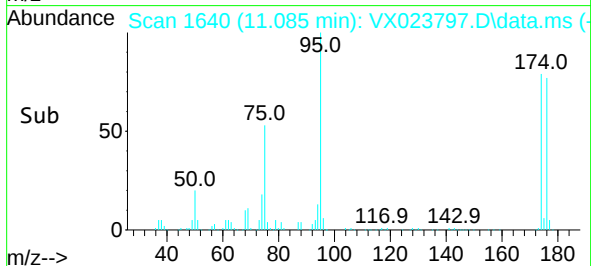
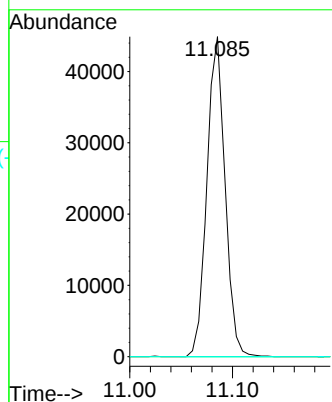
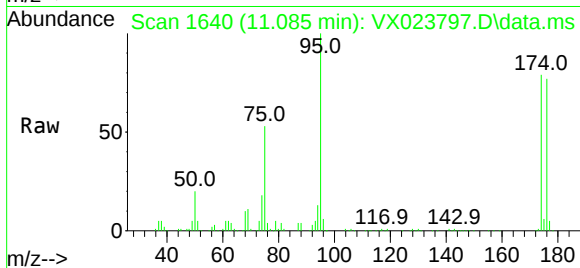




#81
trans-1,4-Dichloro-2-butene
Concen: 74.373 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

Instrument :
MSVOA_X
ClientSampled :
WC-1

Tgt Ion: 75 Resp: 55155
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.304 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023797.D
Acq: 18 Aug 2021 05:26

Tgt Ion: 128 Resp: 152
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

