

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022404.D
 Acq On : 04 Jun 2021 06:30
 Operator : JC/MD
 Sample : M2580-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 07:10:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

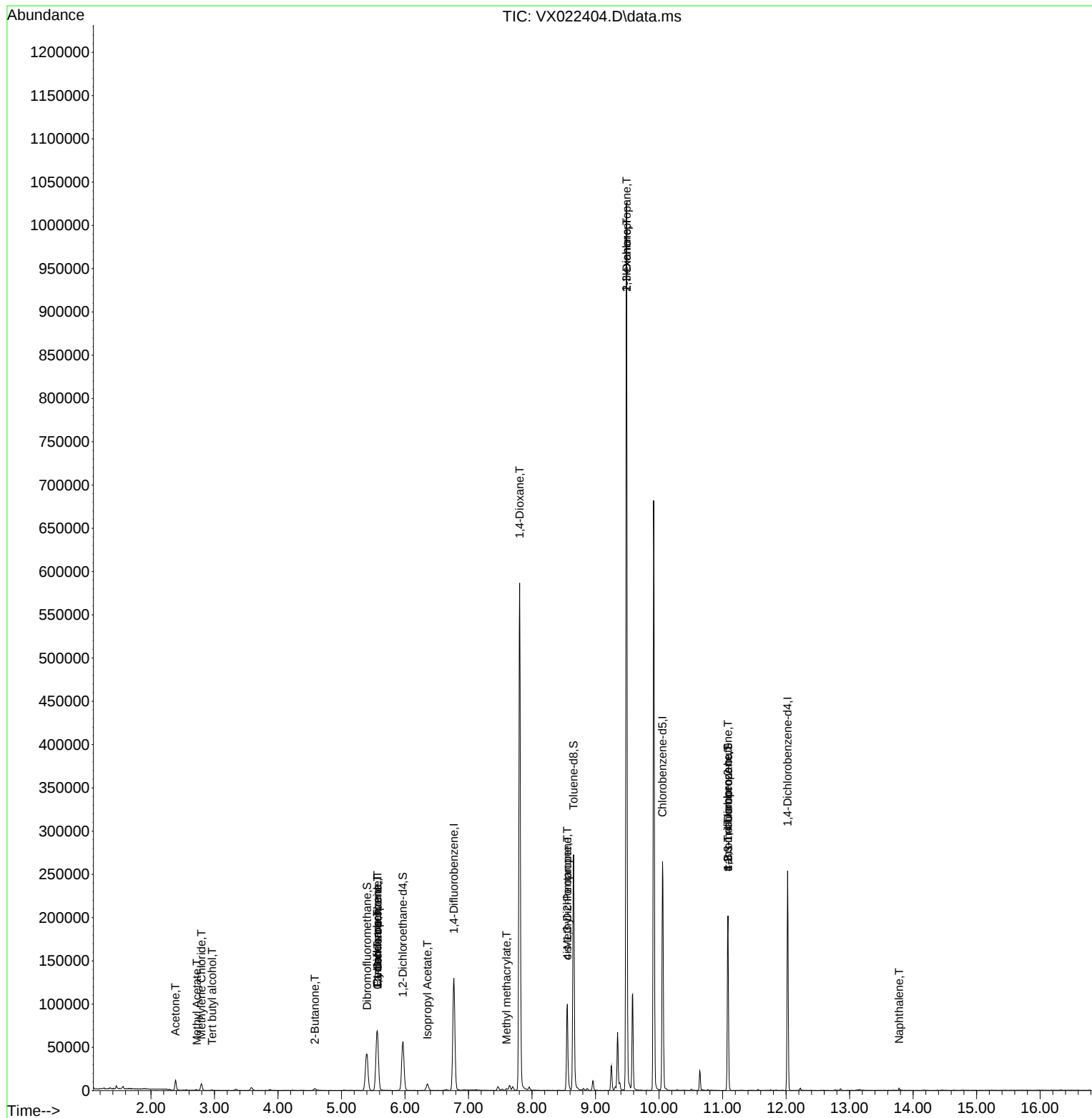
Internal Standards						
1) Pentafluorobenzene	5.562	168	58640	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	127526	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44867	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51273	56.68	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	113.36%	
35) Dibromofluoromethane	5.403	113	37660	46.57	ug/l	0.01
Spiked Amount 50.000	Range	75 - 124	Recovery	=	93.14%	
50) Toluene-d8	8.653	98	158488	50.88	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	101.76%	
62) 4-Bromofluorobenzene	11.085	95	53482	46.45	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	92.90%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.965	59	308	1.49	ug/l	# 73
16) Acetone	2.386	43	12219	31.02	ug/l	96
18) Methyl Acetate	2.721	43	1124	1.07	ug/l	# 80
20) Methylene Chloride	2.794	84	3153	3.61	ug/l	# 79
25) 2-Butanone	4.580	43	2606	4.09	ug/l	# 86
31) Cyclohexane	5.562	56	1876	1.65	ug/l	# 22
36) 1,1-Dichloropropene	5.568	75	6105	5.18	ug/l	# 48
38) Carbon Tetrachloride	5.568	117	7028	6.09	ug/l	# 14
43) Isopropyl Acetate	6.355	43	10404	4.40	ug/l	# 91
48) Methyl methacrylate	7.598	41	3136	2.88	ug/l	# 10
49) 1,4-Dioxane	7.805	88	46	2.17	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	35631	25.16	ug/l	# 47
54) cis-1,3-Dichloropropene	8.555	75	16046	10.29	ug/l	# 64
57) 1,3-Dichloropropane	9.488	76	8401	5.28	ug/l	# 42
59) 2-Hexanone	9.488	43	118557	111.30	ug/l	# 45
76) 1,2,3-Trichloropropane	11.085	75	29883	27.00	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	29883	63.97	ug/l	# 12
95) Naphthalene	13.780	128	1321	0.38	ug/l	# 89

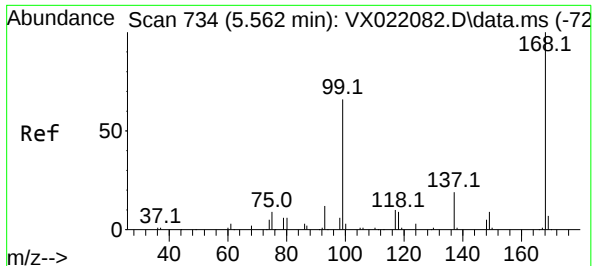
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 04 07:10:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

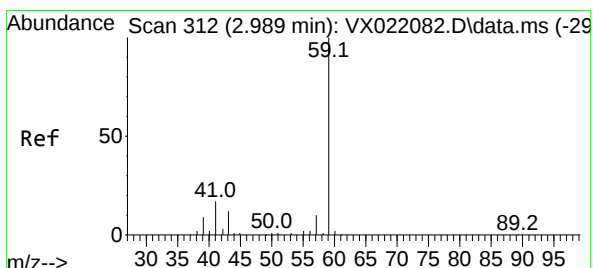
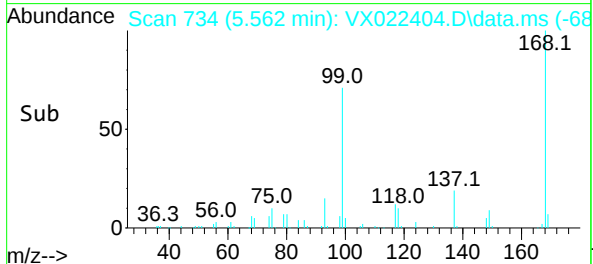
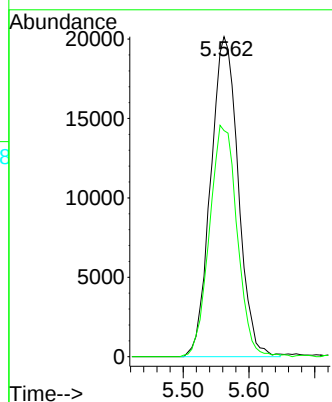
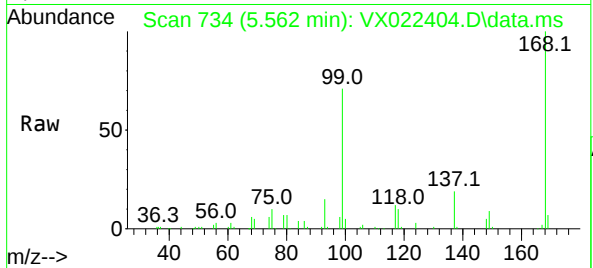




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022404.D
Acq: 04 Jun 2021 06:30

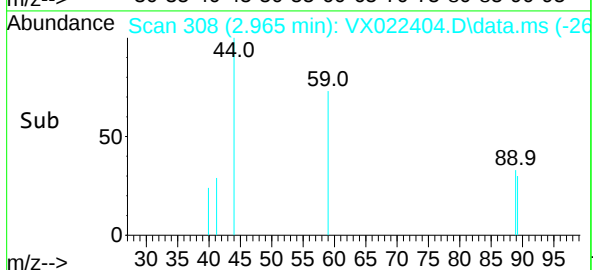
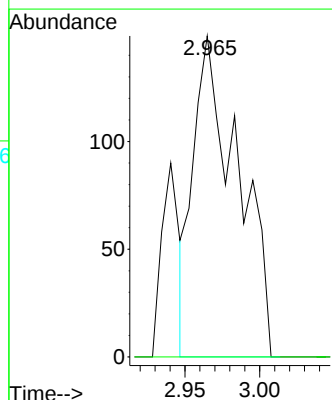
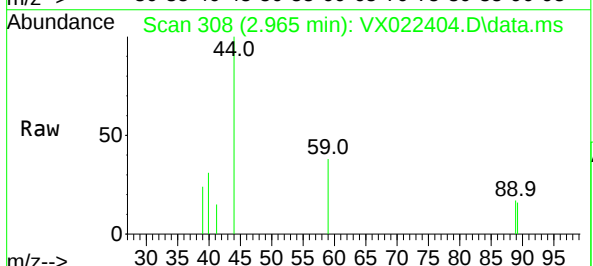
Instrument :
MSVOA_X
ClientSampled :

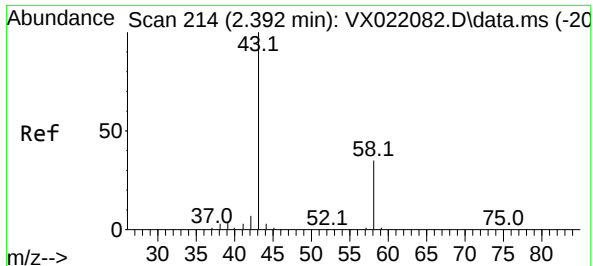
Tgt Ion:168 Resp: 58640
Ion Ratio Lower Upper
168 100
99 70.7 45.8 68.6#



#11
Tert butyl alcohol
Concen: 1.49 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX022404.D
Acq: 04 Jun 2021 06:30

Tgt Ion: 59 Resp: 308
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

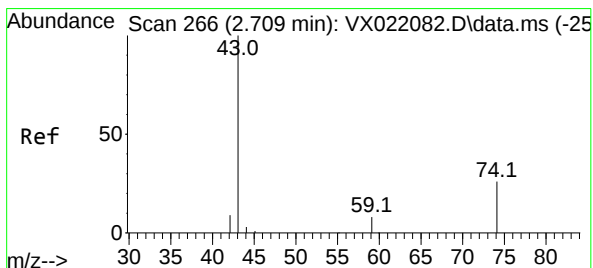
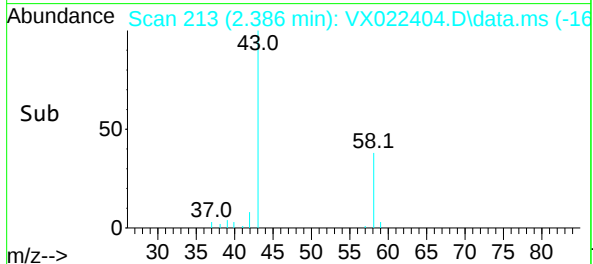
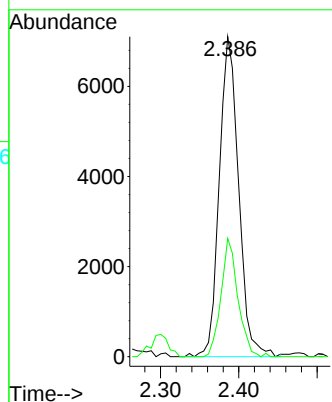
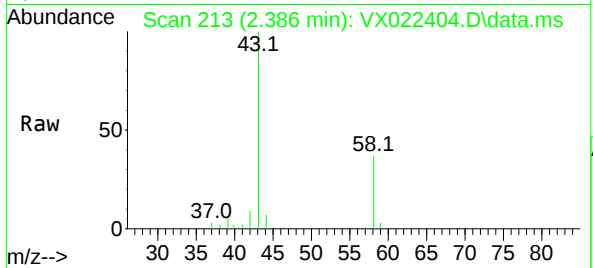




#16
Acetone
Concen: 31.02 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022404.D
Acq: 04 Jun 2021 06:30

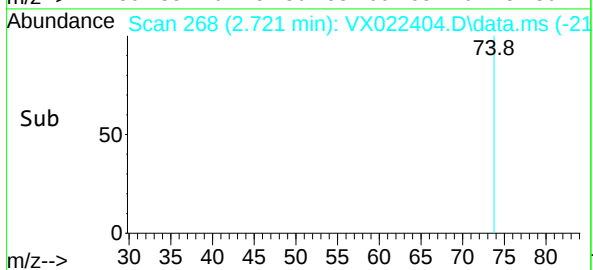
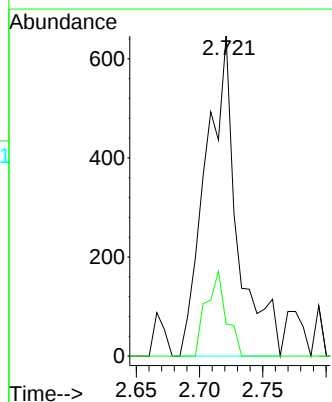
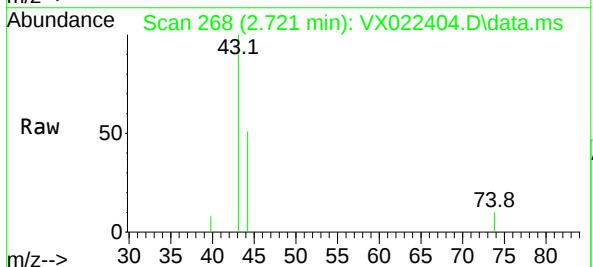
Instrument :
MSVOA_X
ClientSampled :

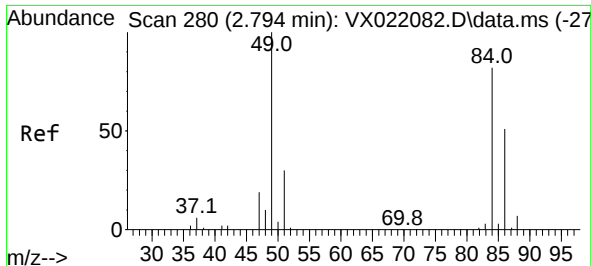
Tgt Ion: 43 Resp: 12219
Ion Ratio Lower Upper
43 100
58 37.0 27.8 41.8



#18
Methyl Acetate
Concen: 1.07 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX022404.D
Acq: 04 Jun 2021 06:30

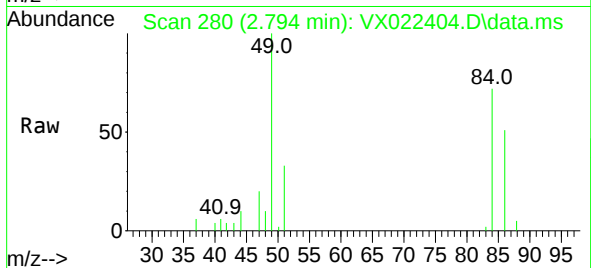
Tgt Ion: 43 Resp: 1124
Ion Ratio Lower Upper
43 100
74 16.8 21.9 32.9#



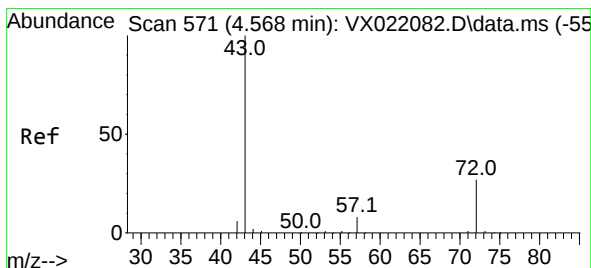
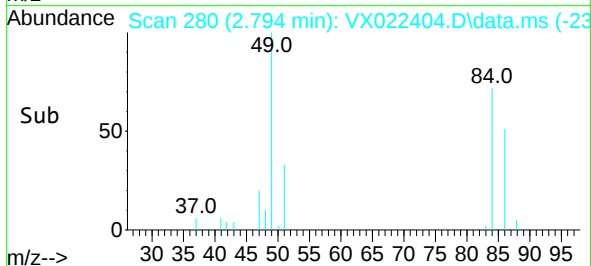
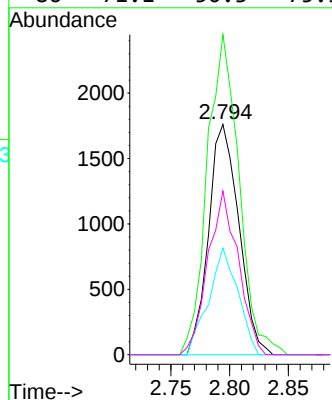


#20
Methylene Chloride
Concen: 3.61 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022404.D
Acq: 04 Jun 2021 06:30

Instrument :
MSVOA_X
ClientSampled :

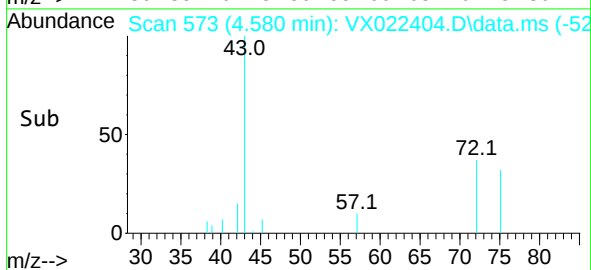
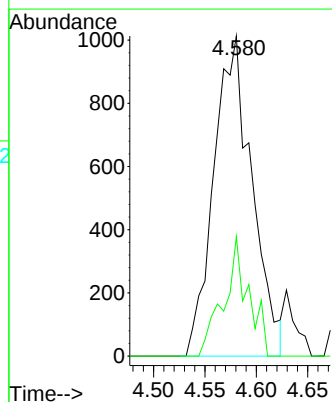
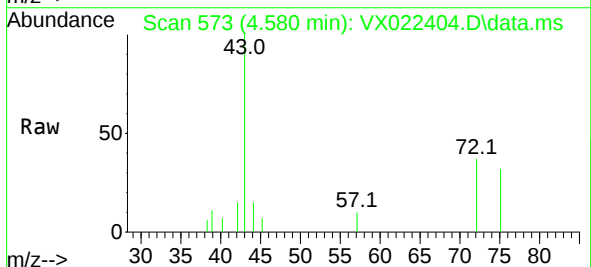


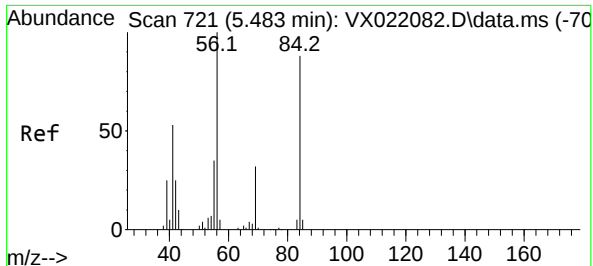
Tgt Ion: 84	Resp: 3153
Ion Ratio	Lower Upper
84	100
49	139.0 88.6 132.8#
51	46.3 27.0 40.6#
86	71.1 50.3 75.5



#25
2-Butanone
Concen: 4.09 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022404.D
Acq: 04 Jun 2021 06:30

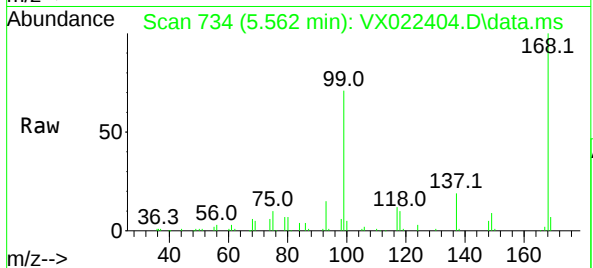
Tgt Ion: 43	Resp: 2606
Ion Ratio	Lower Upper
43	100
72	37.3 23.7 35.5#



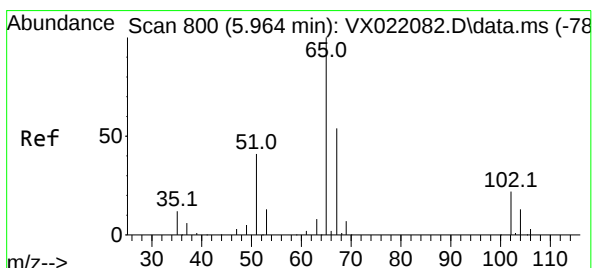
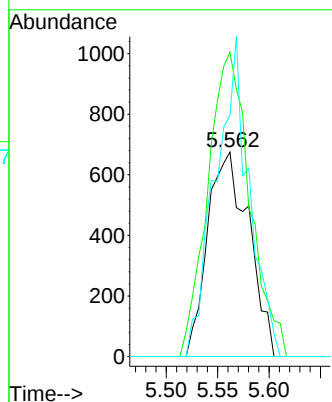
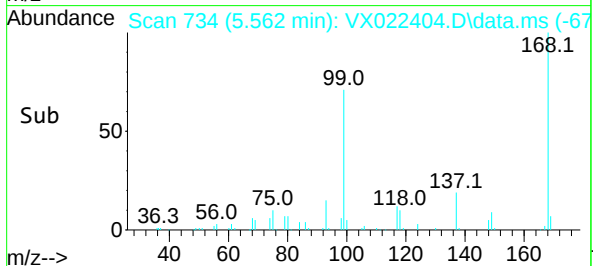


#31
Cyclohexane
Concen: 1.65 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022404.D
Acq: 04 Jun 2021 06:30

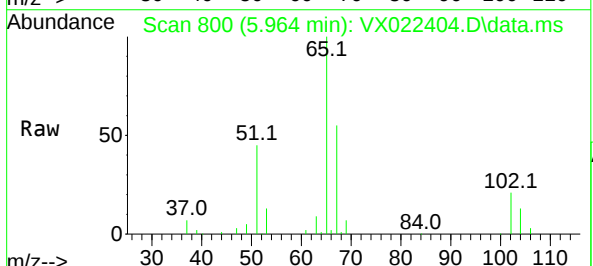
Instrument :
MSVOA_X
ClientSampled :



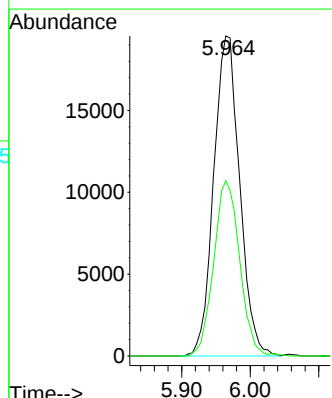
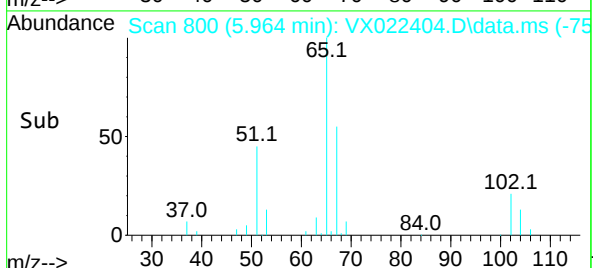
Tgt Ion: 56 Resp: 1876
Ion Ratio Lower Upper
56 100
69 148.9 25.3 37.9#
84 117.9 71.4 107.0#

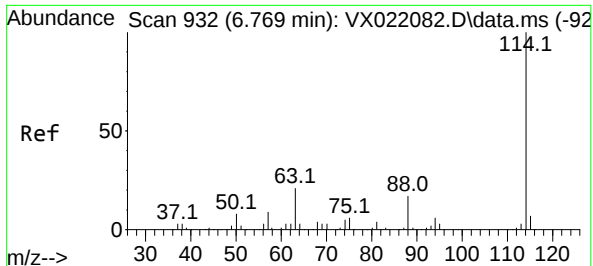


#33
1,2-Dichloroethane-d4
Concen: 56.68 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022404.D
Acq: 04 Jun 2021 06:30



Tgt Ion: 65 Resp: 51273
Ion Ratio Lower Upper
65 100
67 54.8 0.0 105.4

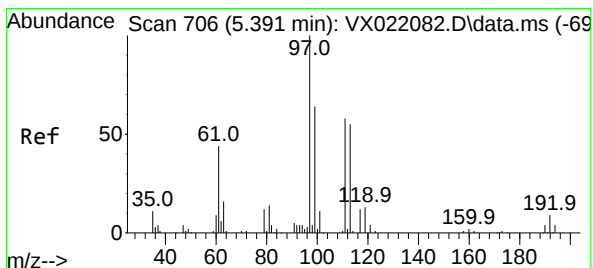
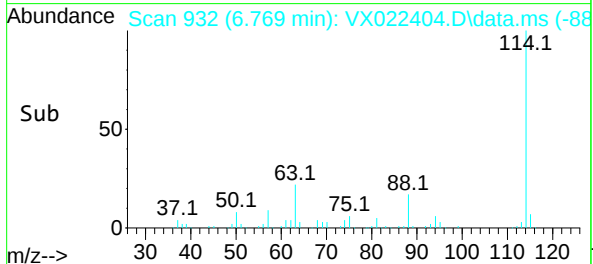
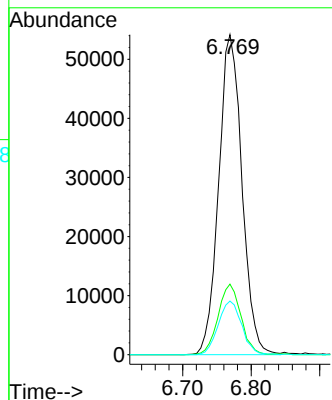
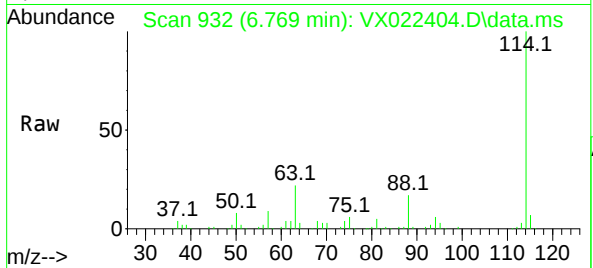




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022404.D
Acq: 04 Jun 2021 06:30

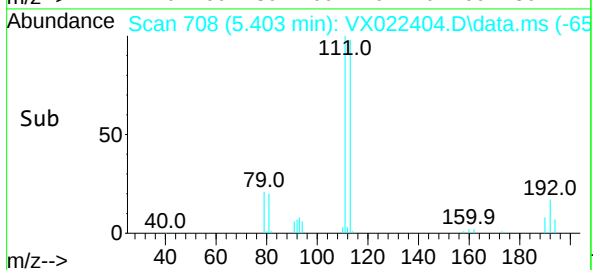
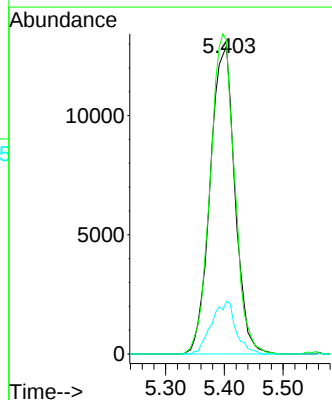
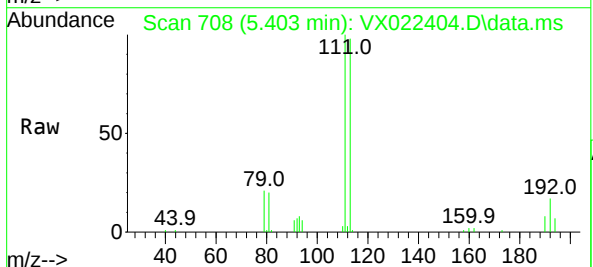
Instrument :
MSVOA_X
ClientSampled :

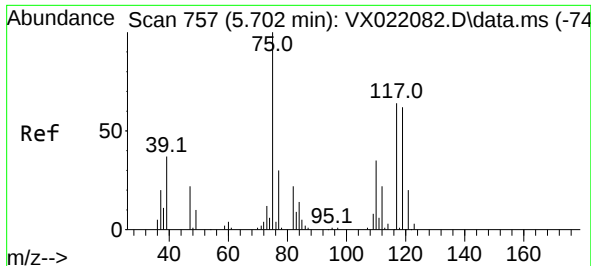
Tgt Ion:114 Resp: 127526
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.57 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.012 min
Lab File: VX022404.D
Acq: 04 Jun 2021 06:30

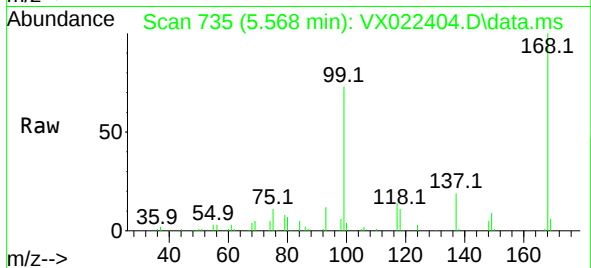
Tgt Ion:113 Resp: 37660
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 16.7 16.7 25.1#



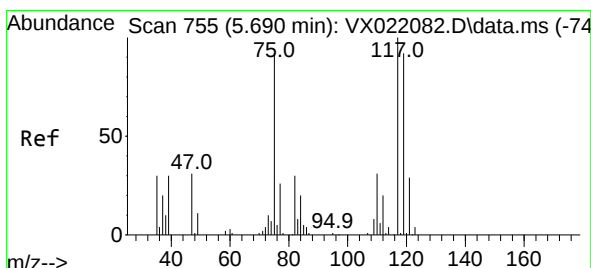
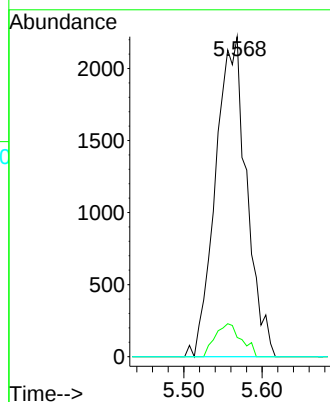
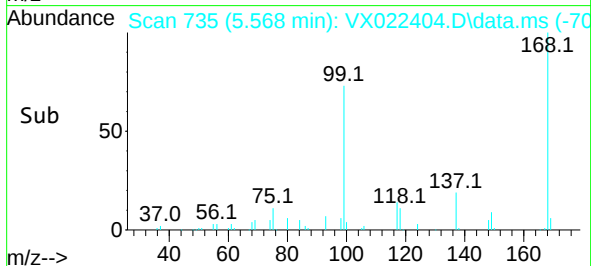


#36
1,1-Dichloropropene
Concen: 5.18 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX022404.D
Acq: 04 Jun 2021 06:30

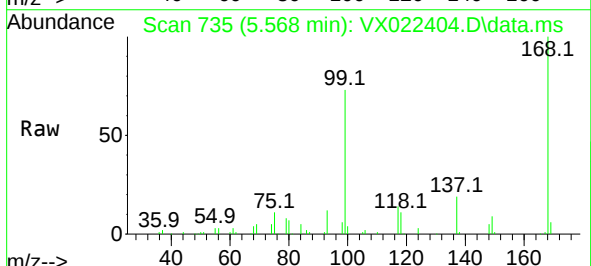
Instrument :
MSVOA_X
ClientSampled :



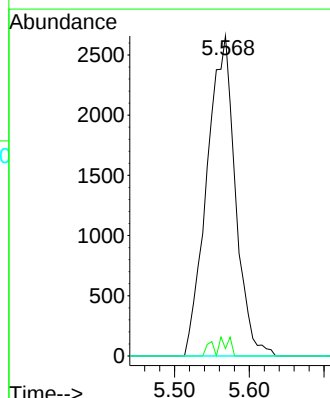
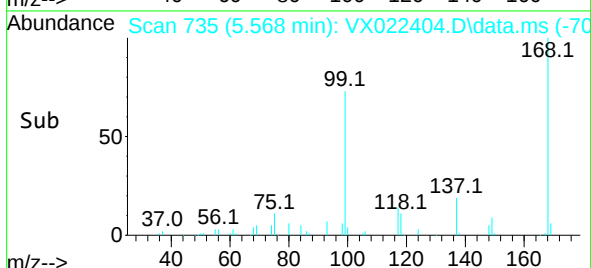
Tgt Ion: 75 Resp: 6105
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#

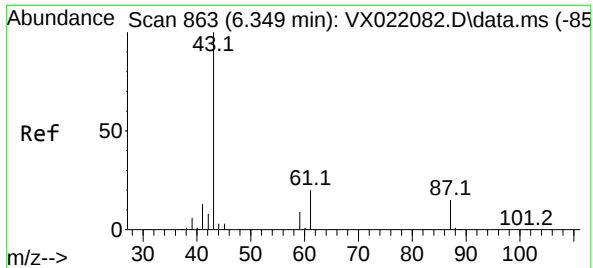


#38
Carbon Tetrachloride
Concen: 6.09 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022404.D
Acq: 04 Jun 2021 06:30



Tgt Ion: 117 Resp: 7028
Ion Ratio Lower Upper
117 100
119 2.3 76.2 114.2#
121 0.0 24.8 37.2#

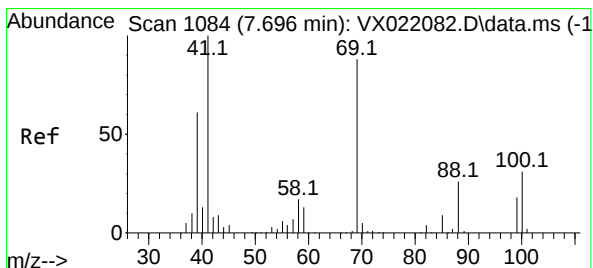
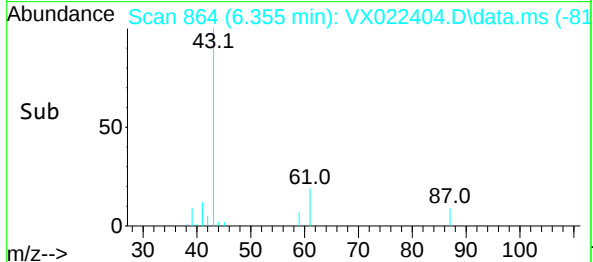
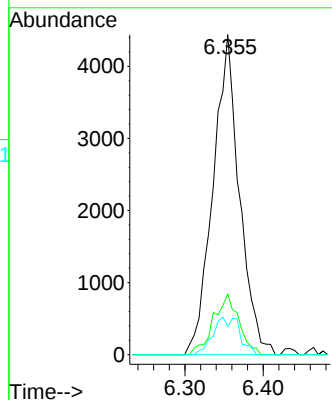
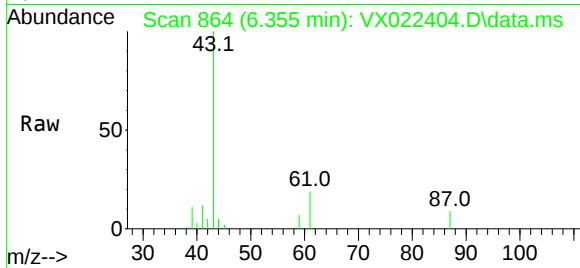




#43
Isopropyl Acetate
Concen: 4.40 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022404.D
Acq: 04 Jun 2021 06:30

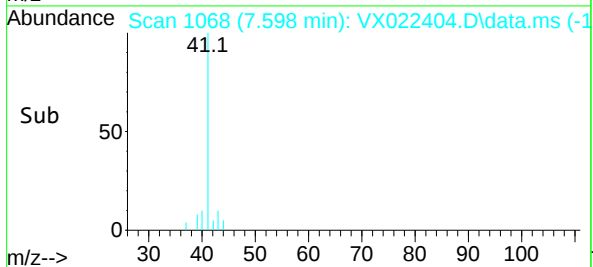
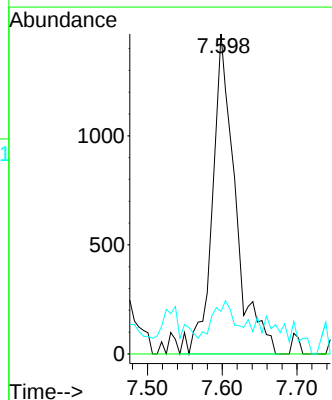
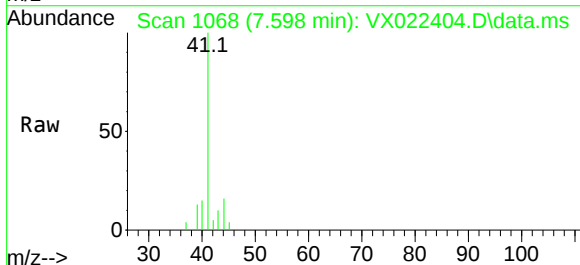
Instrument :
MSVOA_X
ClientSampled :

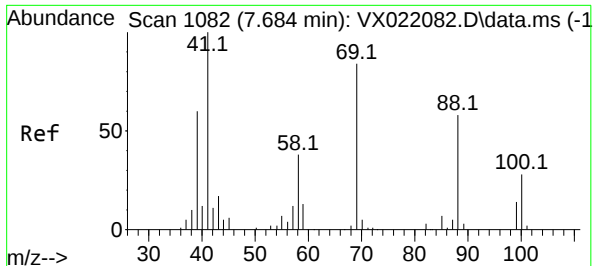
Tgt Ion: 43 Resp: 10404
Ion Ratio Lower Upper
43 100
61 18.2 18.2 27.4
87 11.9 12.5 18.7#



#48
Methyl methacrylate
Concen: 2.88 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022404.D
Acq: 04 Jun 2021 06:30

Tgt Ion: 41 Resp: 3136
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: 2.17 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. 0.121 min

Lab File: VX022404.D

Acq: 04 Jun 2021 06:30

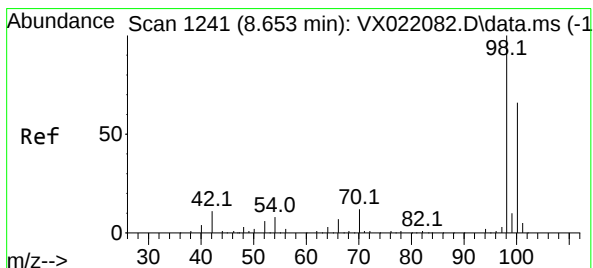
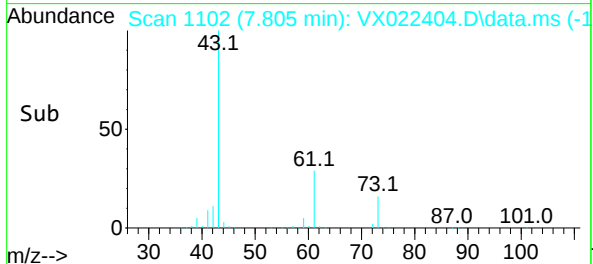
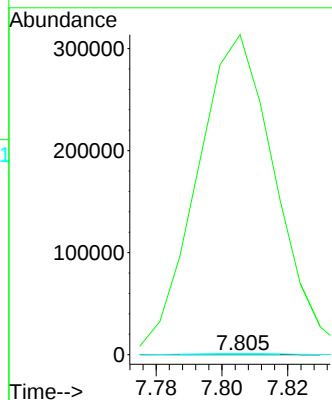
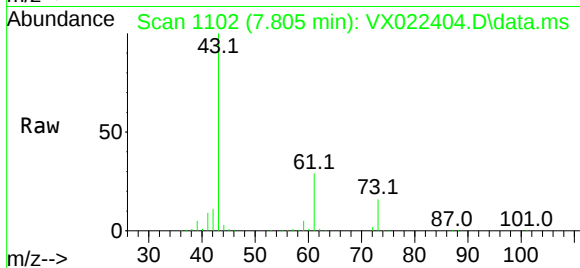
Tgt Ion: 88 Resp: 46

Ion Ratio Lower Upper

88 100

43 1158802.2 23.2 34.8#

58 4902.2 55.0 82.4#



#50

Toluene-d8

Concen: 50.88 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022404.D

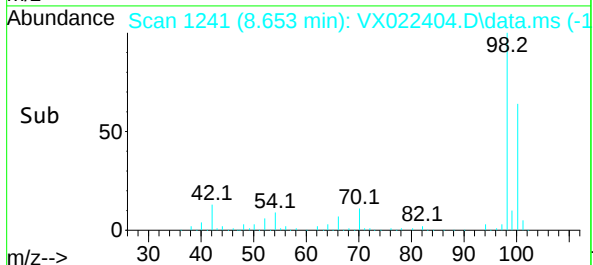
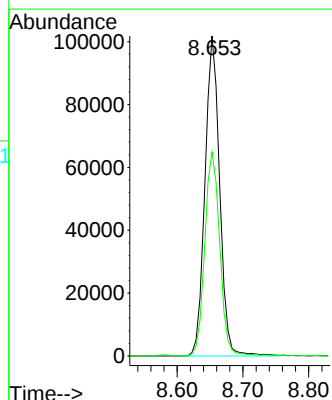
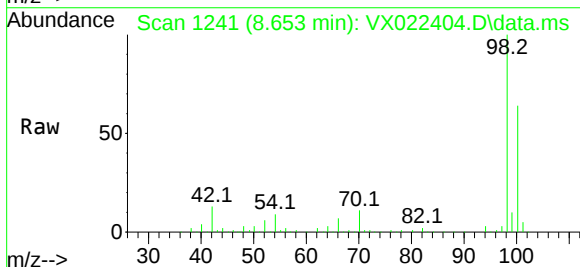
Acq: 04 Jun 2021 06:30

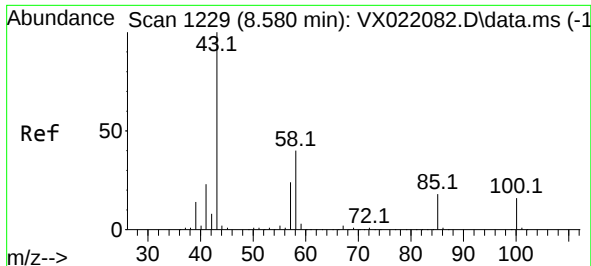
Tgt Ion: 98 Resp: 158488

Ion Ratio Lower Upper

98 100

100 65.0 51.9 77.9

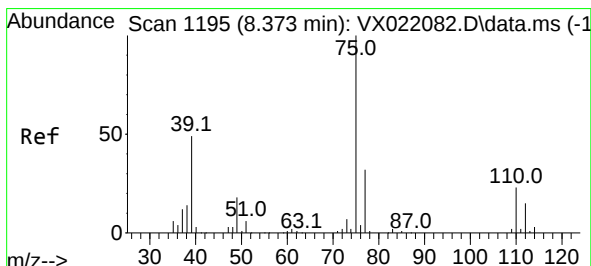
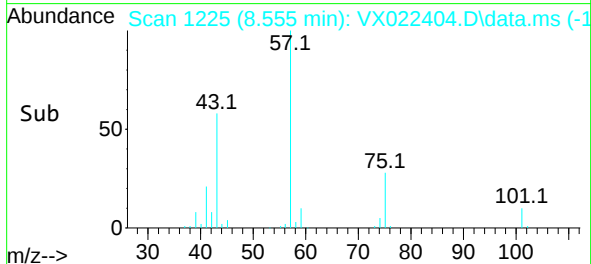
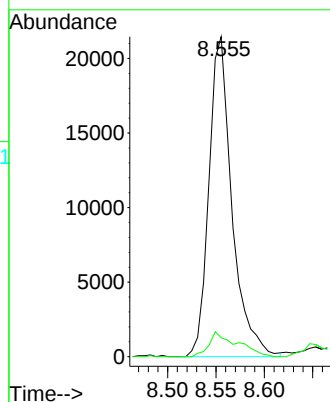
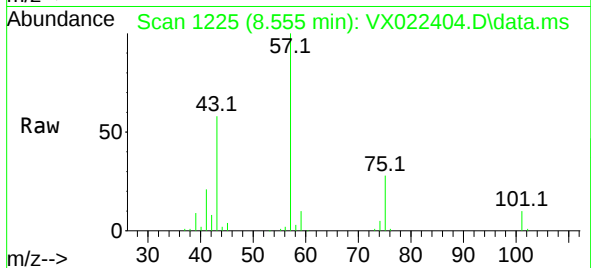




#51
4-Methyl-2-Pentanone
Concen: 25.16 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022404.D
Acq: 04 Jun 2021 06:30

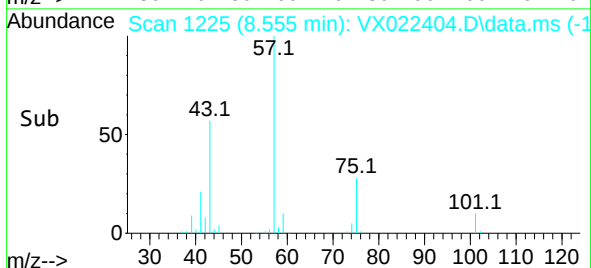
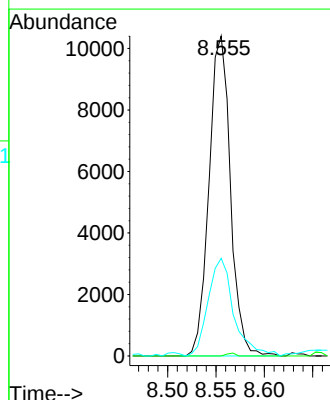
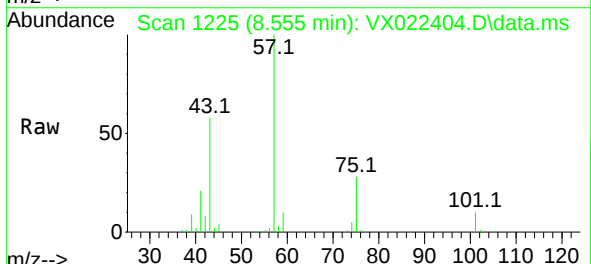
Instrument :
MSVOA_X
ClientSampled :

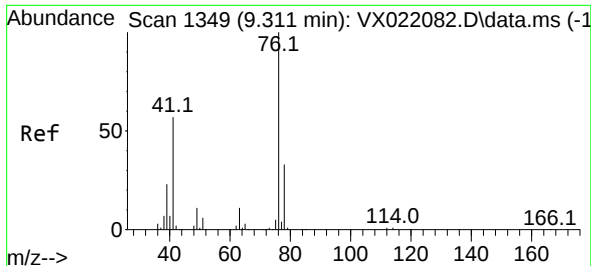
Tgt Ion: 43 Resp: 35631
Ion Ratio Lower Upper
43 100
58 9.6 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 10.29 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022404.D
Acq: 04 Jun 2021 06:30

Tgt Ion: 75 Resp: 16046
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 30.5 35.1 52.7#





#57

1,3-Dichloropropane

Concen: 5.28 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.177 min

Lab File: VX022404.D

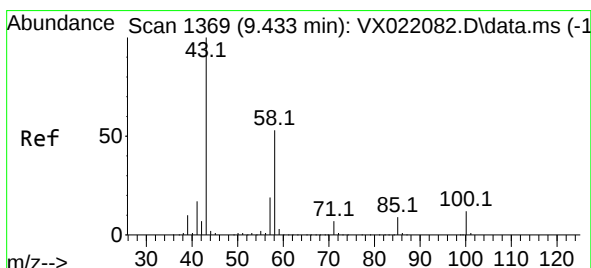
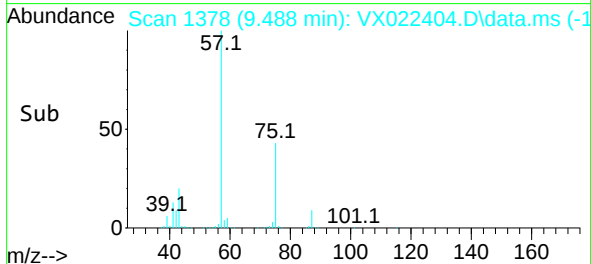
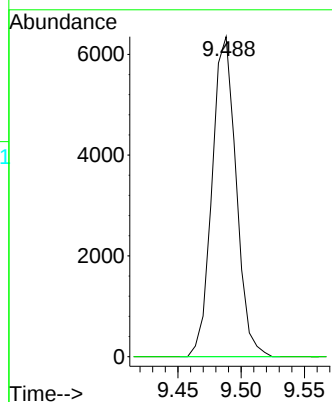
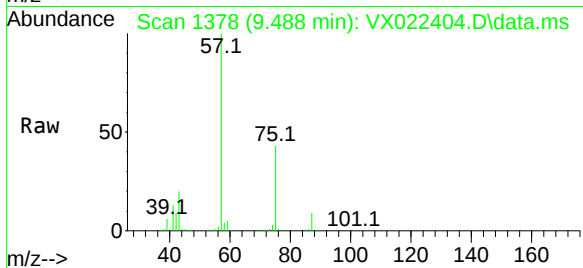
Acq: 04 Jun 2021 06:30

Tgt Ion: 76 Resp: 8401

Ion Ratio Lower Upper

76 100

78 0.0 26.2 39.2#



#59

2-Hexanone

Concen: 111.30 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.055 min

Lab File: VX022404.D

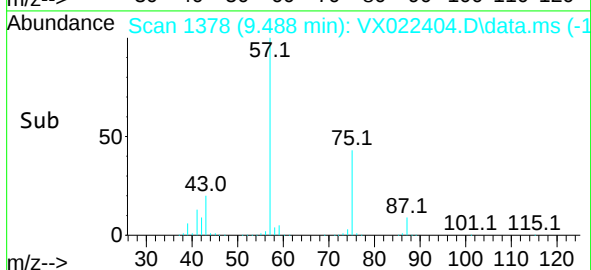
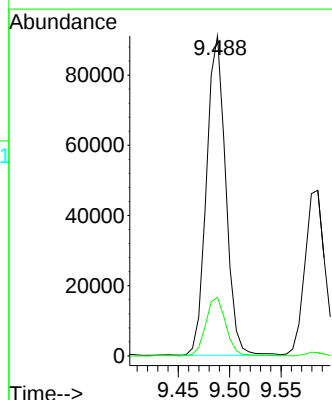
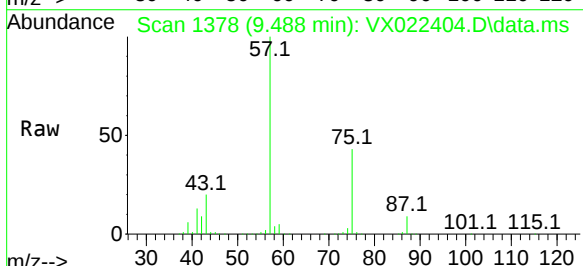
Acq: 04 Jun 2021 06:30

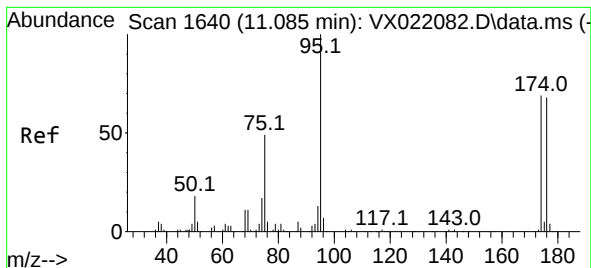
Tgt Ion: 43 Resp: 118557

Ion Ratio Lower Upper

43 100

58 19.3 30.9 92.8#

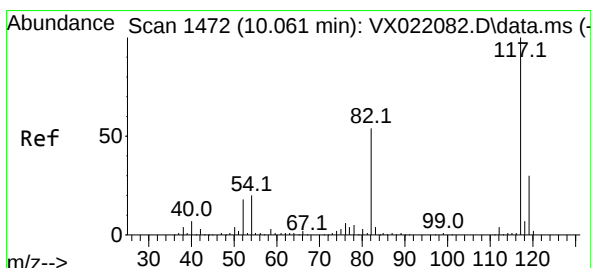
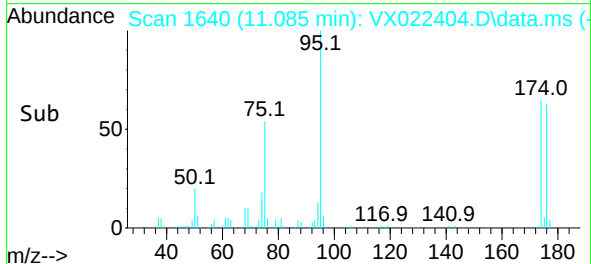
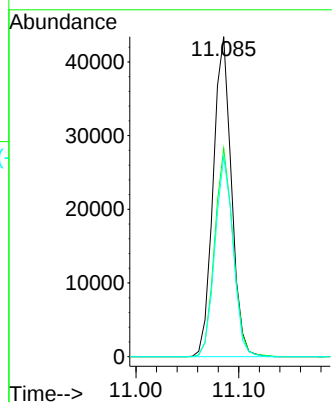
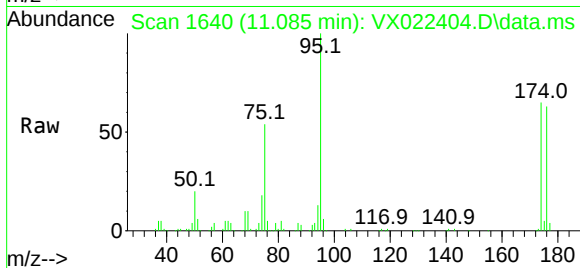




#62
4-Bromofluorobenzene
Concen: 46.45 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022404.D
Acq: 04 Jun 2021 06:30

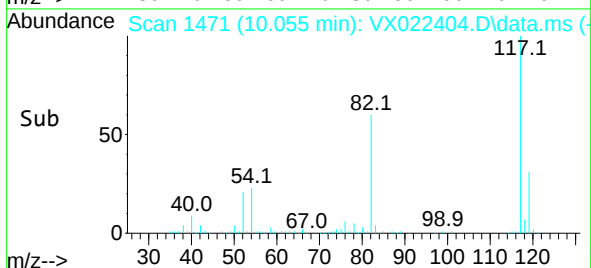
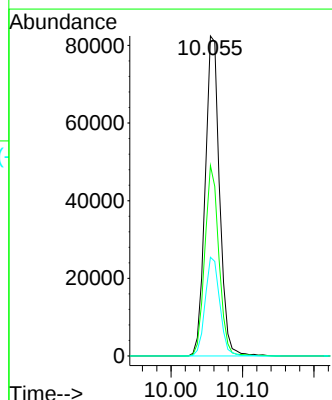
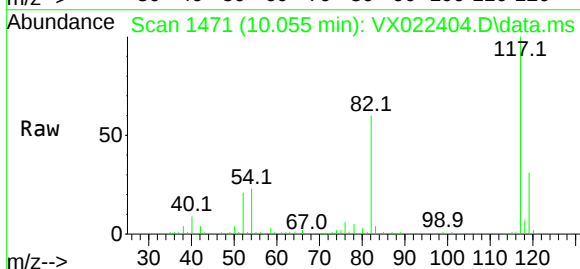
Instrument :
MSVOA_X
ClientSampled :

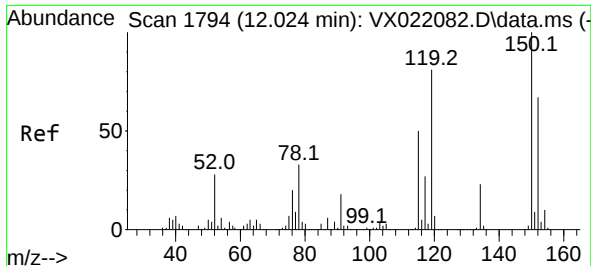
Tgt Ion: 95 Resp: 53482
Ion Ratio Lower Upper
95 100
174 65.6 0.0 154.6
176 62.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022404.D
Acq: 04 Jun 2021 06:30

Tgt Ion: 117 Resp: 115335
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.2
119 30.8 26.6 39.8

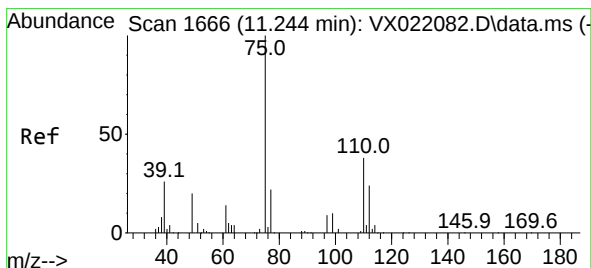
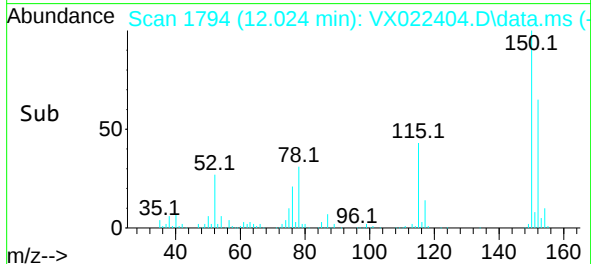
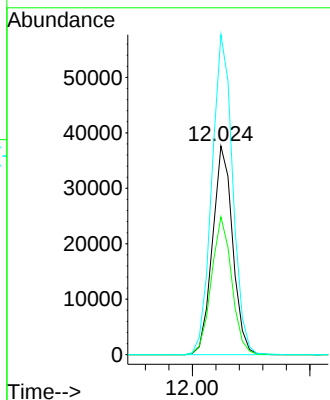
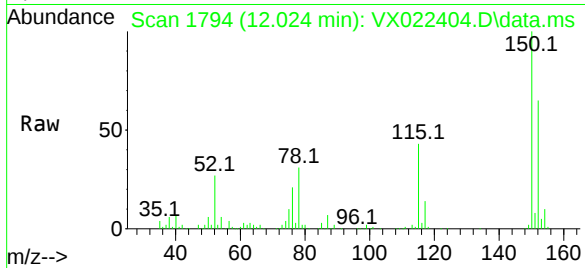




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022404.D
Acq: 04 Jun 2021 06:30

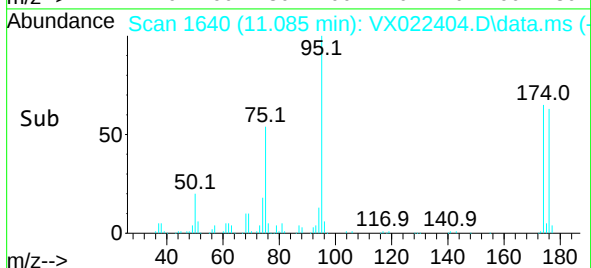
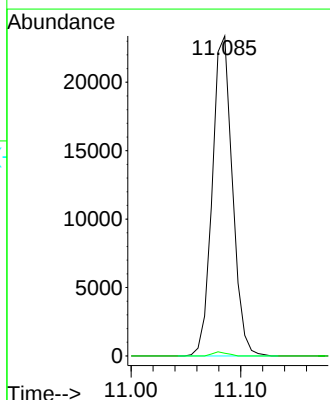
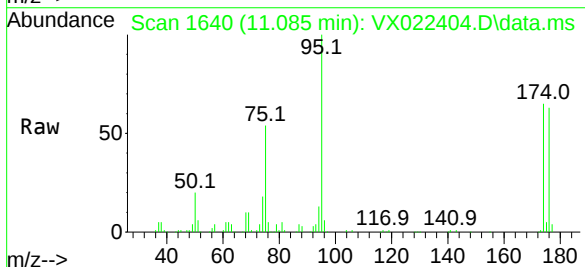
Instrument :
MSVOA_X
ClientSampled :

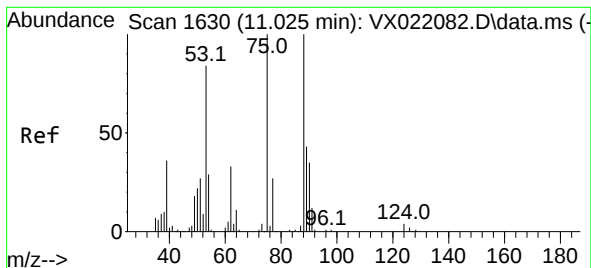
Tgt Ion:152 Resp: 44867
Ion Ratio Lower Upper
152 100
115 66.5 41.1 123.3
150 158.3 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.00 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022404.D
Acq: 04 Jun 2021 06:30

Tgt Ion: 75 Resp: 29883
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#

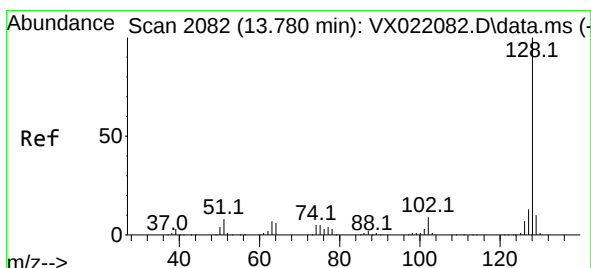
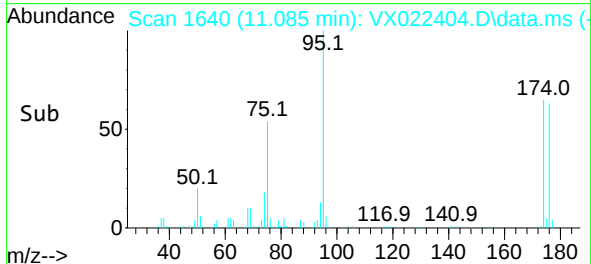
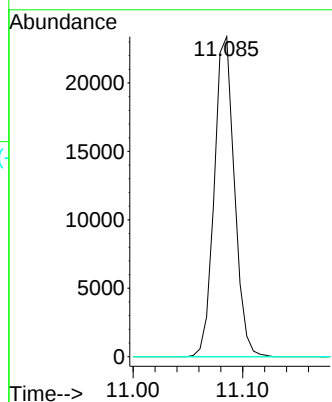
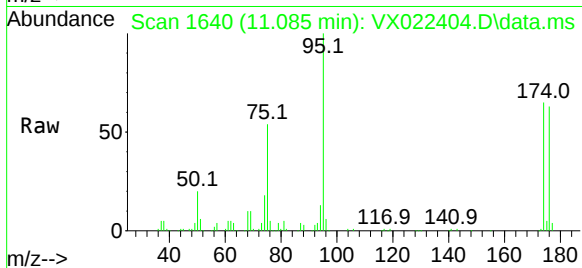




#81
trans-1,4-Dichloro-2-butene
Concen: 63.97 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022404.D
Acq: 04 Jun 2021 06:30

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 29883
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 0.38 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022404.D
Acq: 04 Jun 2021 06:30

Tgt Ion:128 Resp: 1321
Ion Ratio Lower Upper
128 100
127 6.1 10.3 15.5#
129 9.8 8.8 13.2

