

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022563.D
 Acq On : 08 Jun 2021 14:59
 Operator : JC/MD
 Sample : PB136878ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 04:00:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

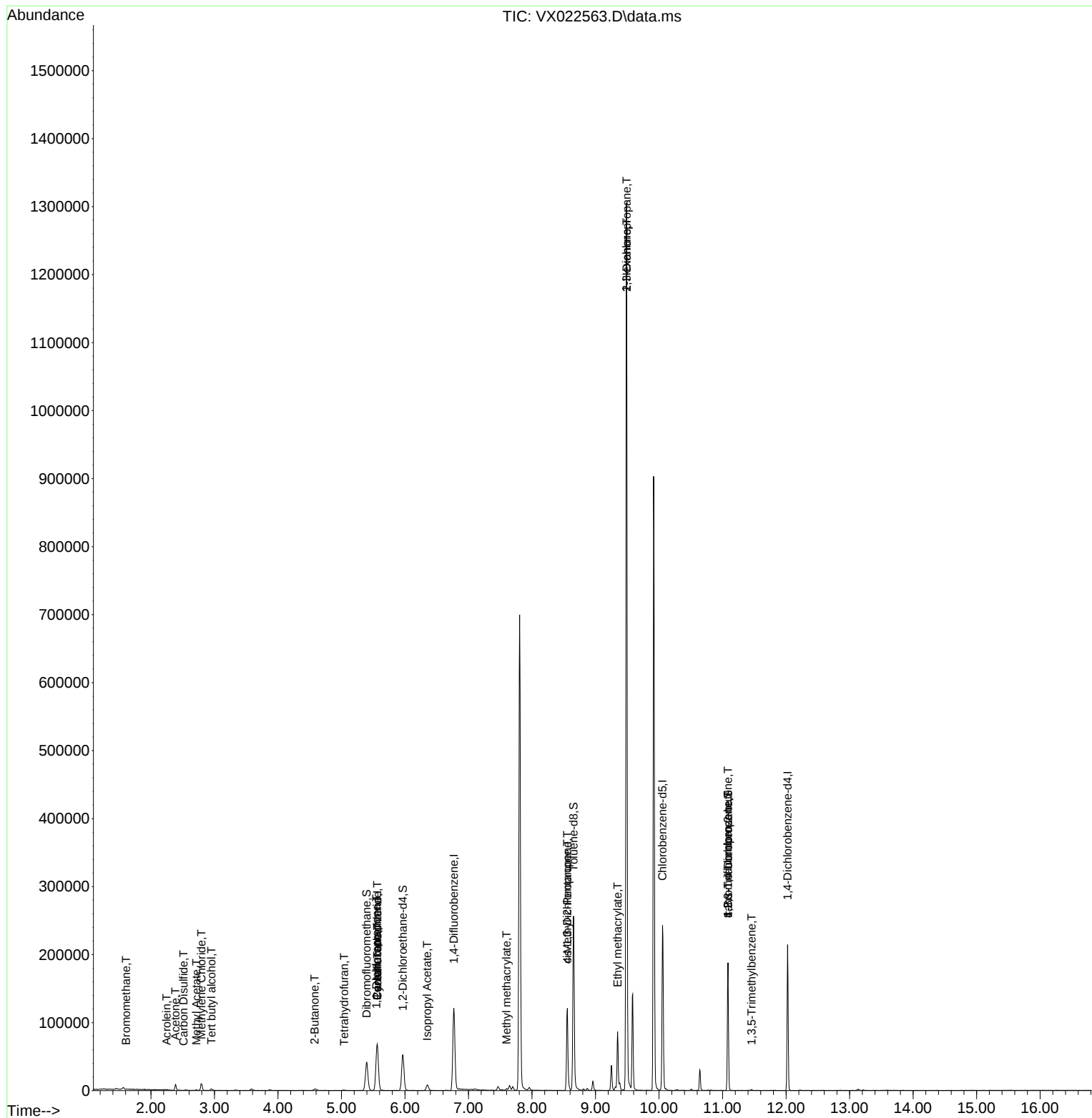
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	57215	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	117523	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	37567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49503	48.669	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.340%
35) Dibromofluoromethane	5.397	113	34470	46.879	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.760%
50) Toluene-d8	8.653	98	145132	49.467	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.940%
62) 4-Bromofluorobenzene	11.085	95	47938	43.959	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.920%
Target Compounds						
						Qvalue
5) Bromomethane	1.605	94	165	0.399	ug/l	# 59
11) Tert butyl alcohol	2.953	59	1386	6.075	ug/l	# 73
13) Acrolein	2.245	56	23	3.328	ug/l	# 14
16) Acetone	2.386	43	8686	19.005	ug/l	96
17) Carbon Disulfide	2.514	76	78	3.424	ug/l	# 75
18) Methyl Acetate	2.715	43	952	0.755	ug/l	# 77
20) Methylene Chloride	2.794	84	4158	4.357	ug/l	# 80
25) 2-Butanone	4.574	43	2090	2.767	ug/l	94
29) Tetrahydrofuran	5.044	42	593	1.338	ug/l	# 50
31) Cyclohexane	5.562	56	1710	1.421	ug/l	# 33
36) 1,1-Dichloropropene	5.550	75	5681	4.997	ug/l	# 49
38) Carbon Tetrachloride	5.562	117	6729	8.189	ug/l	# 15
43) Isopropyl Acetate	6.348	43	11683	4.939	ug/l	# 91
48) Methyl methacrylate	7.598	41	3458	3.142	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	44041	29.885	ug/l	# 45
54) cis-1,3-Dichloropropene	8.555	75	19762	14.671	ug/l	# 63
56) Ethyl methacrylate	9.348	69	382	2.927	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	11087	7.143	ug/l	# 43
59) 2-Hexanone	9.488	43	155051	137.726	ug/l	# 44
76) 1,2,3-Trichloropropane	11.085	75	25649	26.355	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.457	105	912	0.349	ug/l	91
81) trans-1,4-Dichloro-2-b...	11.085	75	25649	64.904	ug/l	# 12

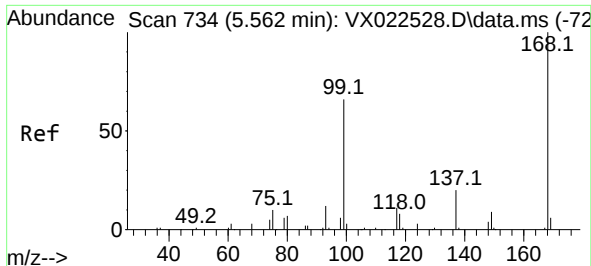
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
Data File : VX022563.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

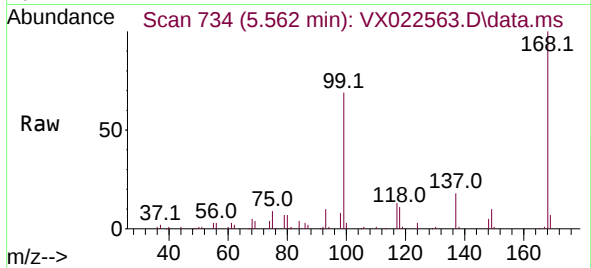
Quant Time: Jun 09 04:00:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
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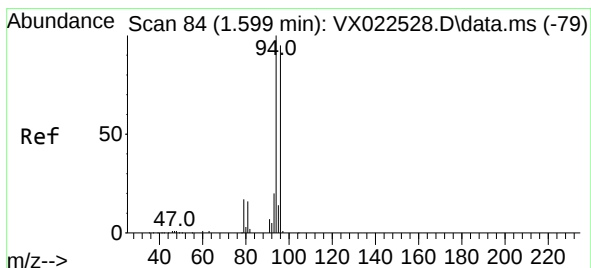
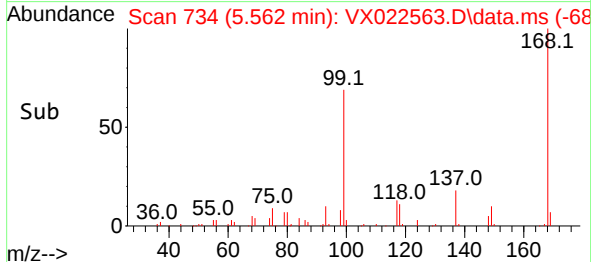
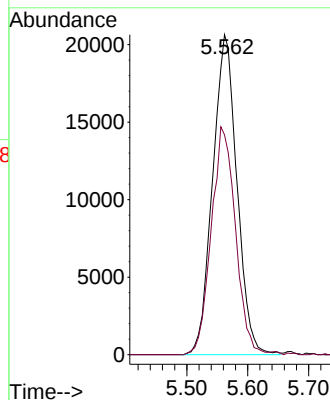


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022563.D
Acq: 08 Jun 2021 14:59

Instrument :
MSVOA_X
ClientSampleId :

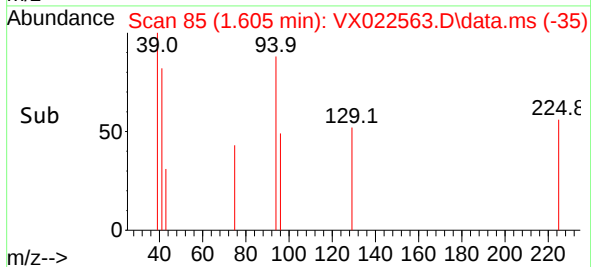
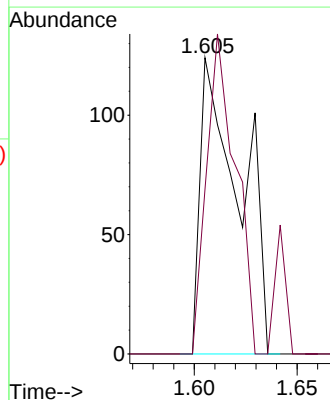
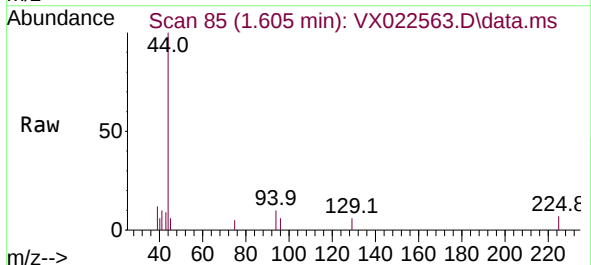


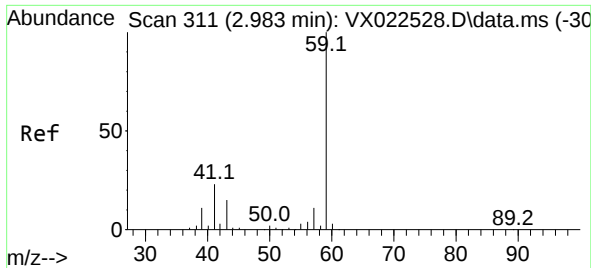
Tgt Ion:168 Resp: 57215
Ion Ratio Lower Upper
168 100
99 68.7 45.8 68.6#



#5
Bromomethane
Concen: 0.399 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX022563.D
Acq: 08 Jun 2021 14:59

Tgt Ion: 94 Resp: 165
Ion Ratio Lower Upper
94 100
96 55.6 76.4 114.6#

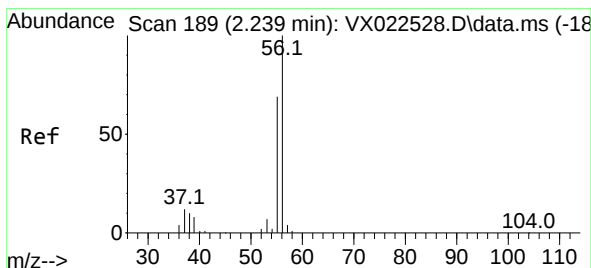
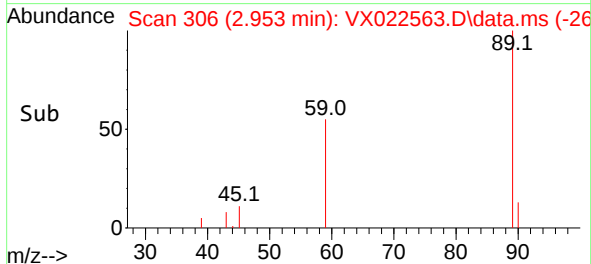
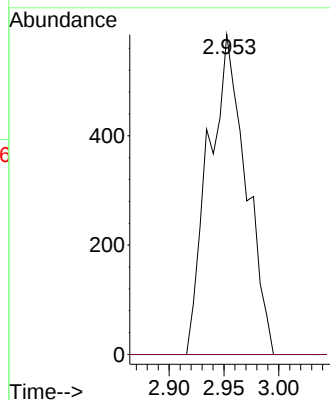
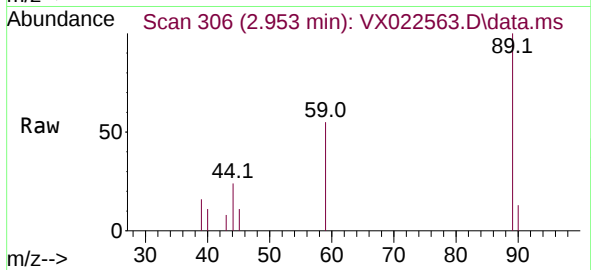




#11
Tert butyl alcohol
Concen: 6.075 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX022563.D
Acq: 08 Jun 2021 14:59

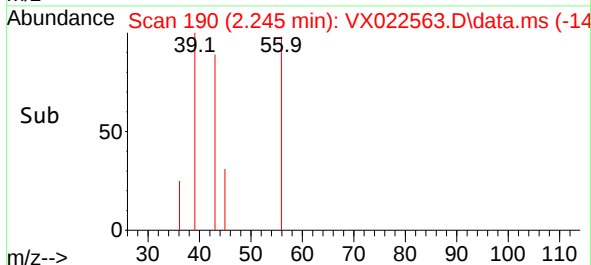
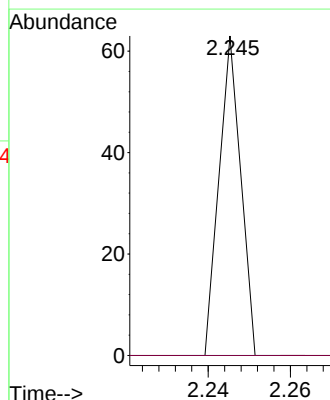
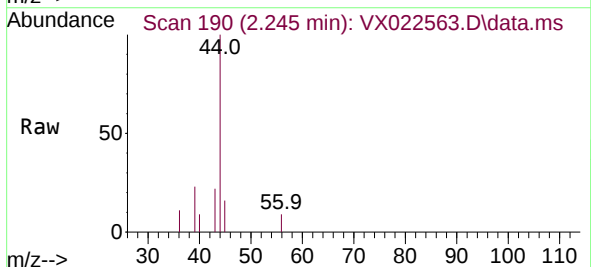
Instrument :
MSVOA_X
ClientSampled :

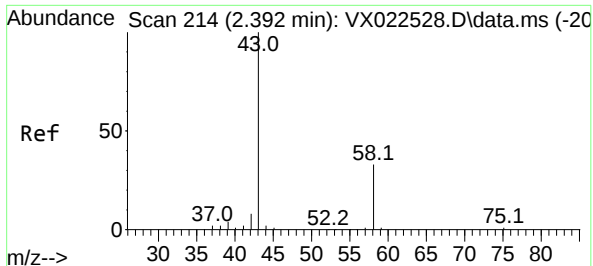
Tgt Ion: 59 Resp: 1386
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 3.328 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX022563.D
Acq: 08 Jun 2021 14:59

Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

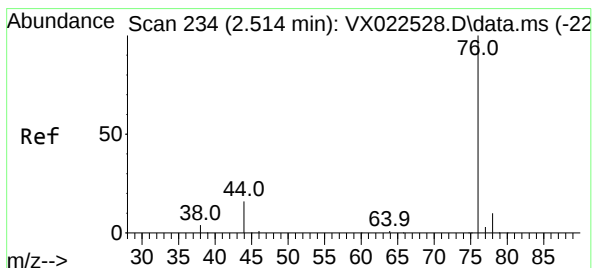
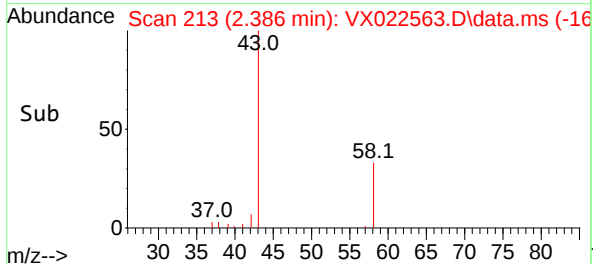
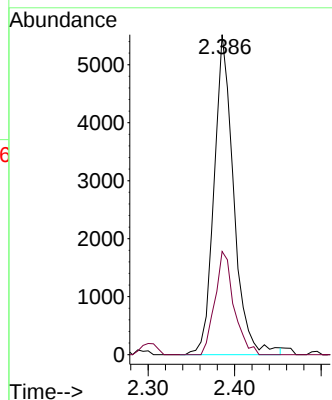
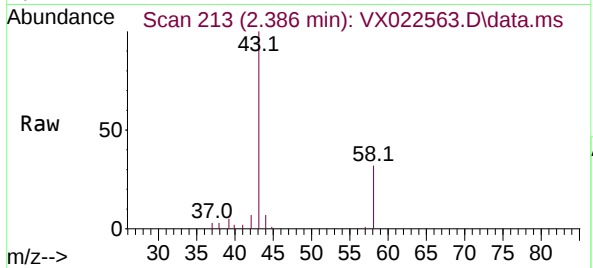




#16
Acetone
Concen: 19.005 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022563.D
Acq: 08 Jun 2021 14:59

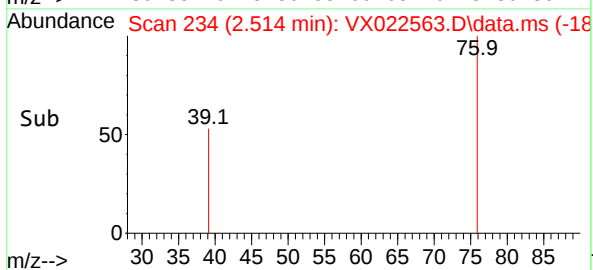
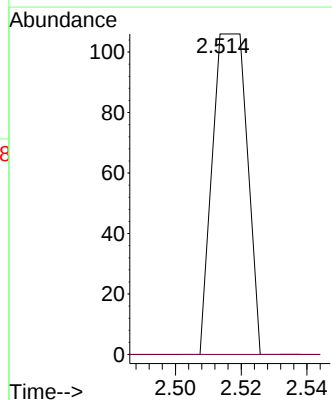
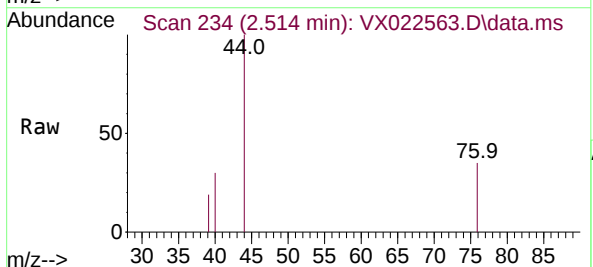
Instrument :
MSVOA_X
ClientSampled :

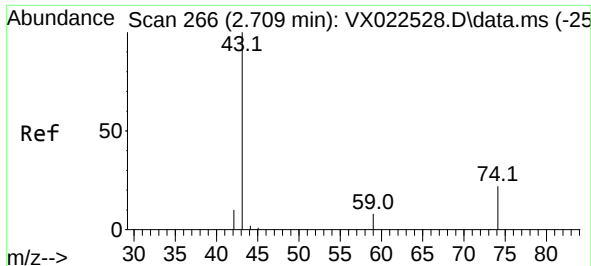
Tgt Ion: 43 Resp: 8686
Ion Ratio Lower Upper
43 100
58 32.2 27.8 41.8



#17
Carbon Disulfide
Concen: 3.424 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022563.D
Acq: 08 Jun 2021 14:59

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





#18

Methyl Acetate

Concen: 0.755 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.006 min

Lab File: VX022563.D

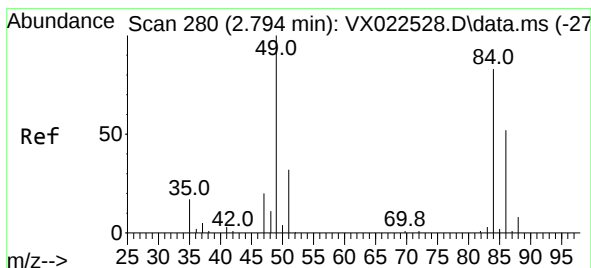
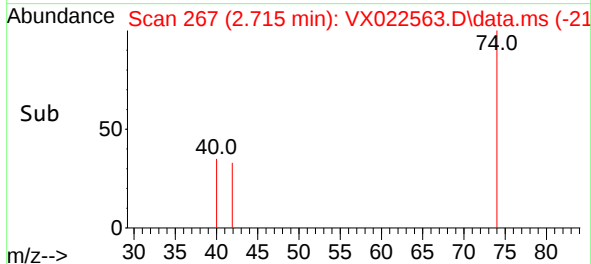
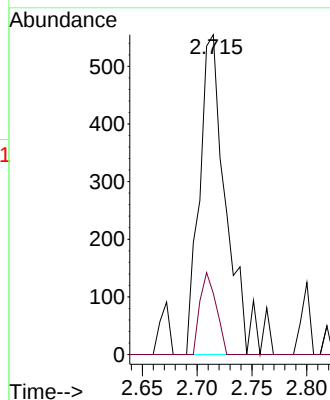
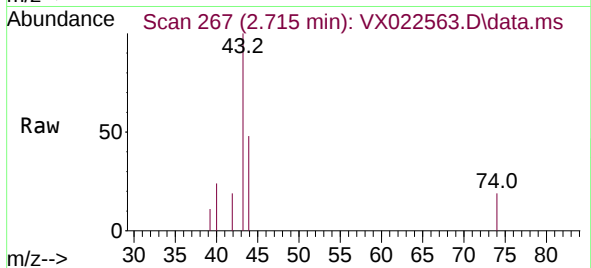
Acq: 08 Jun 2021 14:59

Tgt Ion: 43 Resp: 952

Ion Ratio Lower Upper

43 100

74 15.2 21.9 32.9#



#20

Methylene Chloride

Concen: 4.357 ug/l

RT: 2.794 min Scan# 280

Delta R.T. -0.000 min

Lab File: VX022563.D

Acq: 08 Jun 2021 14:59

Tgt Ion: 84 Resp: 4158

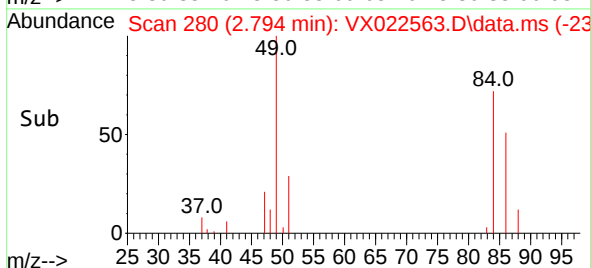
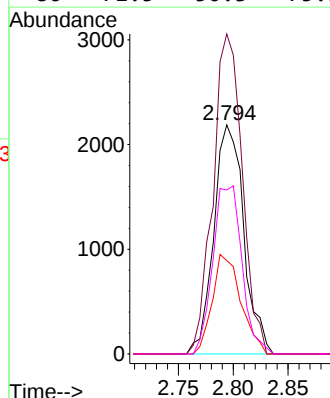
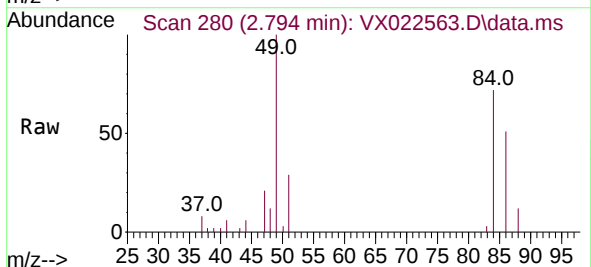
Ion Ratio Lower Upper

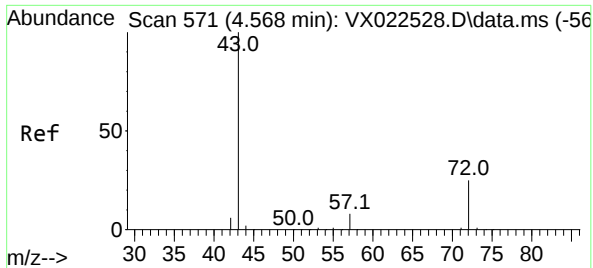
84 100

49 139.7 88.6 132.8#

51 40.8 27.0 40.6#

86 71.5 50.3 75.5

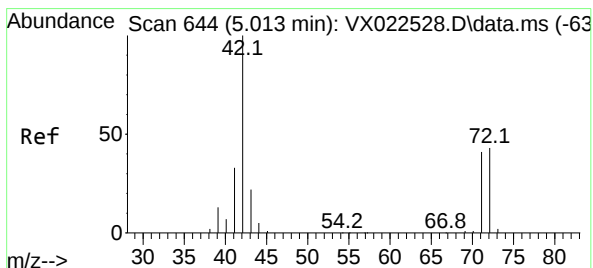
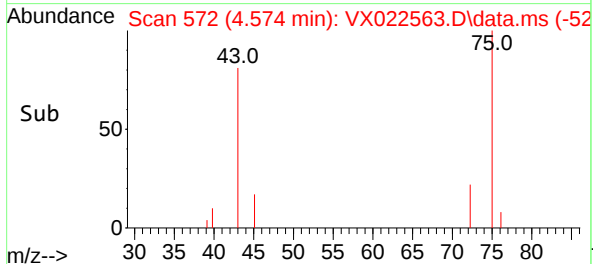
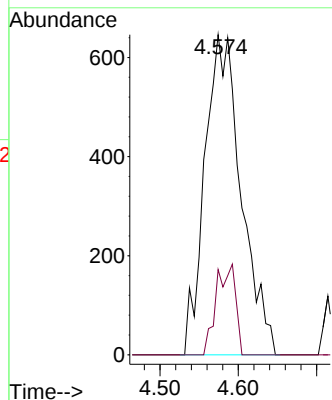
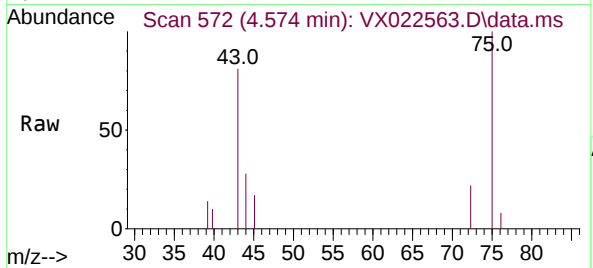




#25
2-Butanone
Concen: 2.767 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022563.D
Acq: 08 Jun 2021 14:59

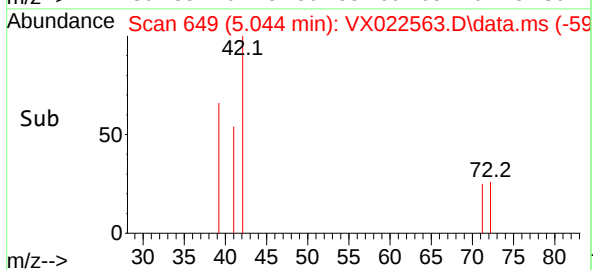
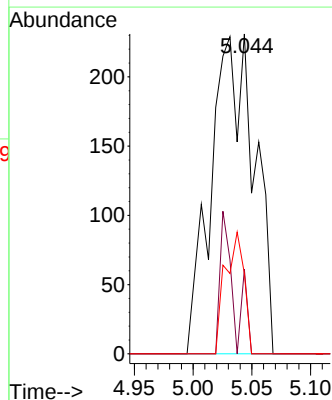
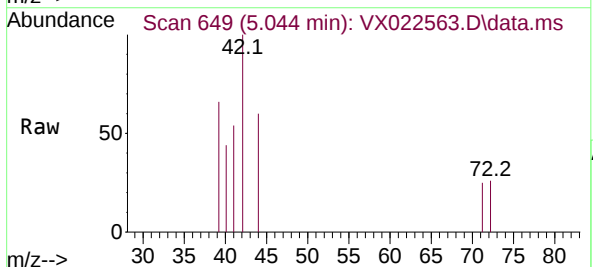
Instrument :
MSVOA_X
ClientSampled :

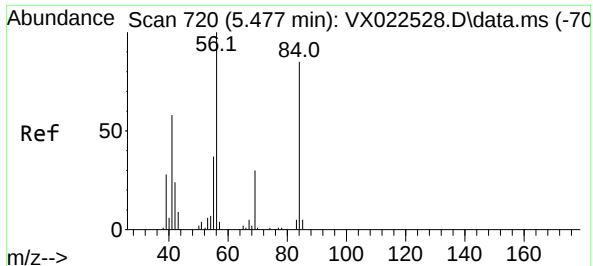
Tgt Ion: 43 Resp: 2090
Ion Ratio Lower Upper
43 100
72 26.6 23.7 35.5



#29
Tetrahydrofuran
Concen: 1.338 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.031 min
Lab File: VX022563.D
Acq: 08 Jun 2021 14:59

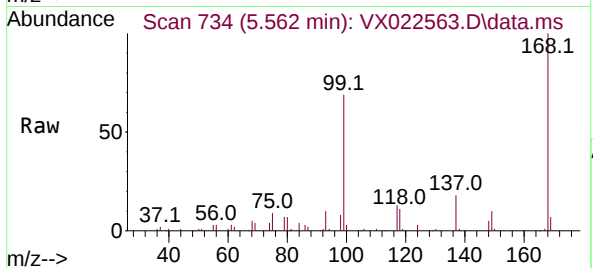
Tgt Ion: 42 Resp: 593
Ion Ratio Lower Upper
42 100
72 14.3 41.7 62.5#
71 16.5 38.4 57.6#



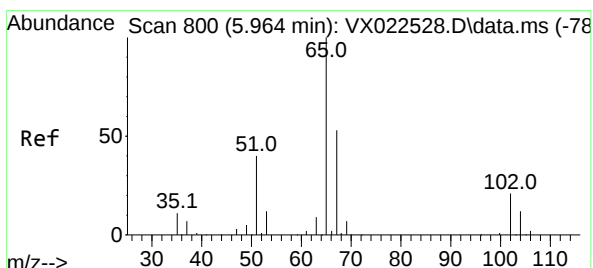
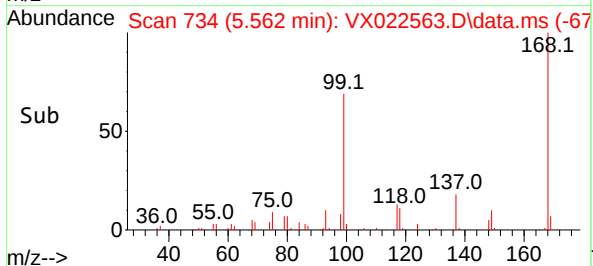
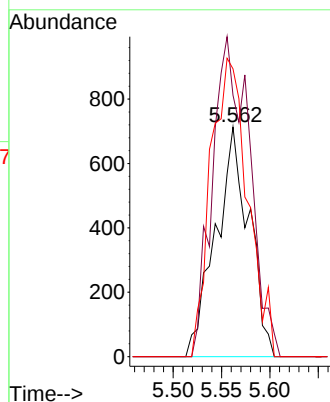


#31
Cyclohexane
Concen: 1.421 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022563.D
Acq: 08 Jun 2021 14:59

Instrument :
MSVOA_X
ClientSampled :

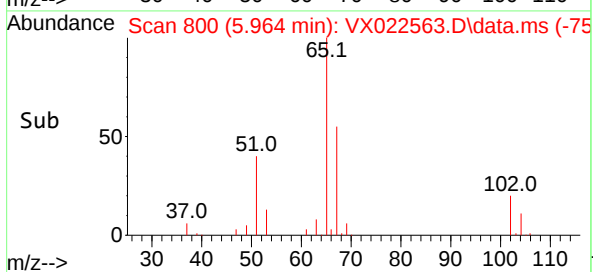
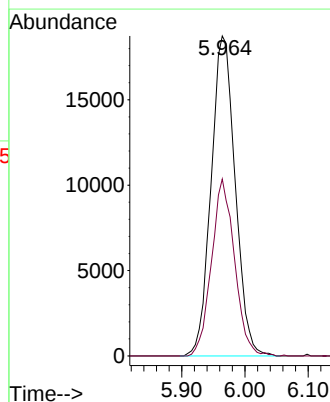
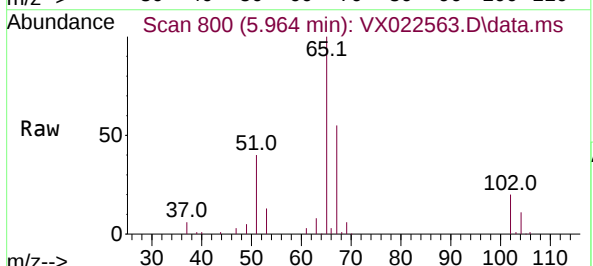


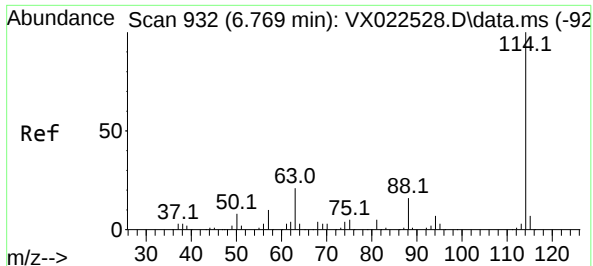
Tgt Ion: 56 Resp: 1710
Ion Ratio Lower Upper
56 100
69 113.9 25.3 37.9#
84 125.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 48.669 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022563.D
Acq: 08 Jun 2021 14:59

Tgt Ion: 65 Resp: 49503
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4

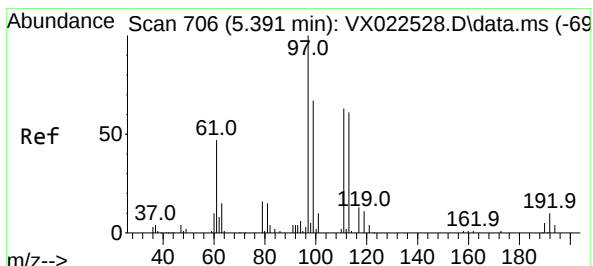
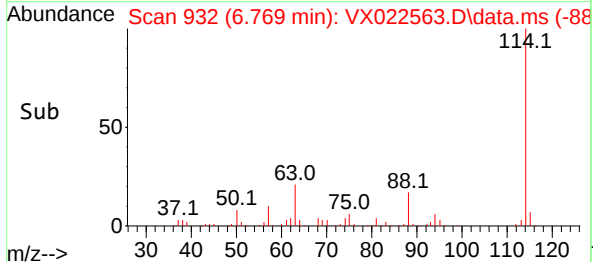
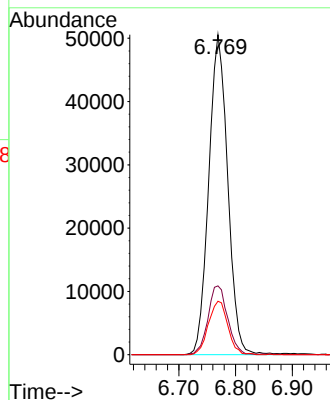
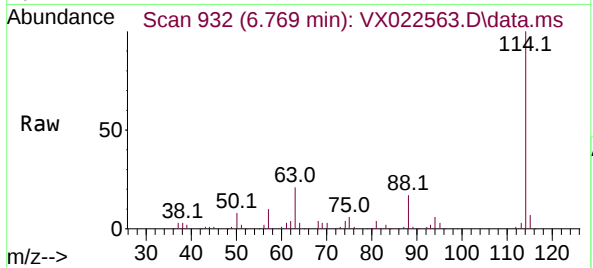




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022563.D
Acq: 08 Jun 2021 14:59

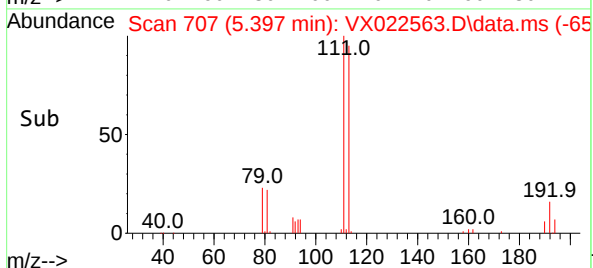
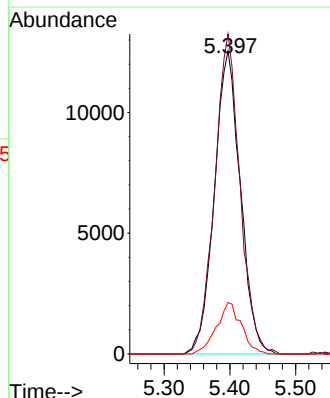
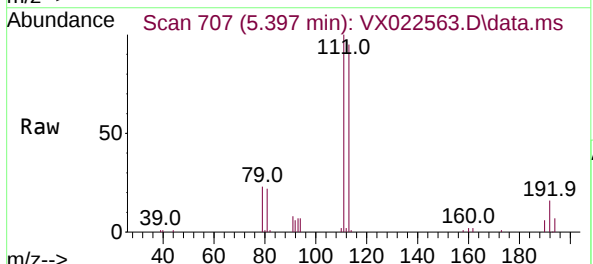
Instrument :
MSVOA_X
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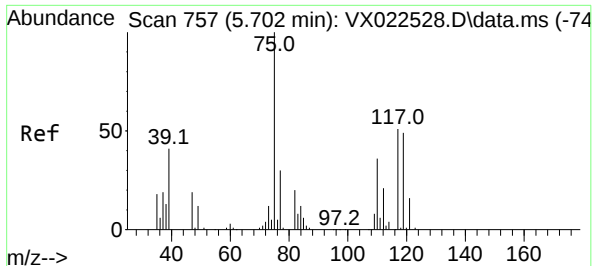
Tgt Ion:114 Resp: 117523
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.879 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022563.D
Acq: 08 Jun 2021 14:59

Tgt Ion:113 Resp: 34470
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 16.2 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.997 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.152 min

Lab File: VX022563.D

Acq: 08 Jun 2021 14:59

Tgt Ion: 75 Resp: 5681

Ion Ratio Lower Upper

75 100

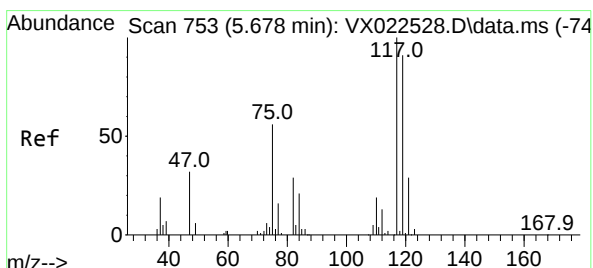
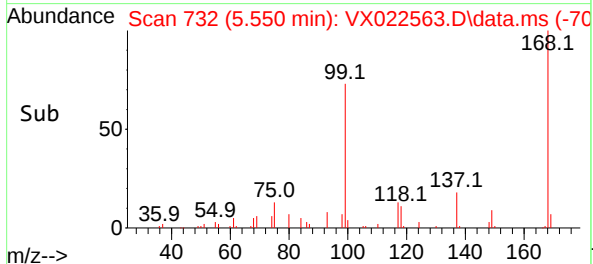
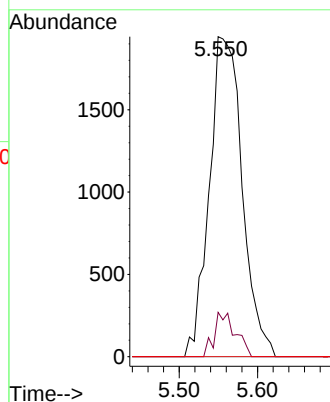
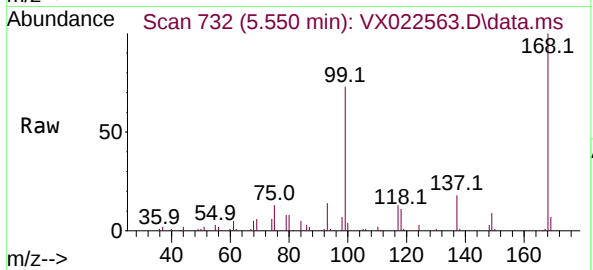
110 8.9 18.1 54.4#

77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :



#38

Carbon Tetrachloride

Concen: 8.189 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.116 min

Lab File: VX022563.D

Acq: 08 Jun 2021 14:59

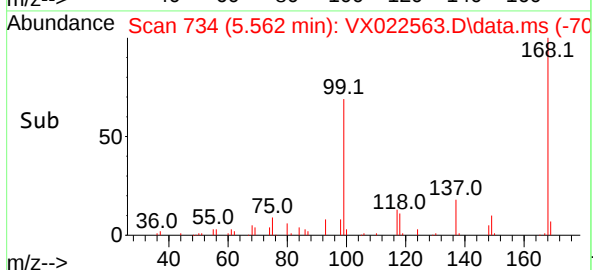
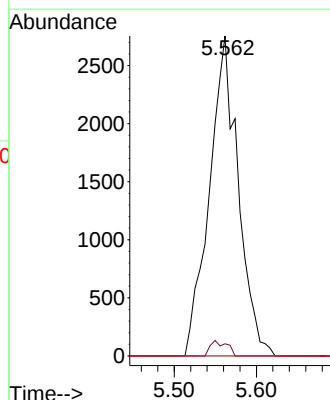
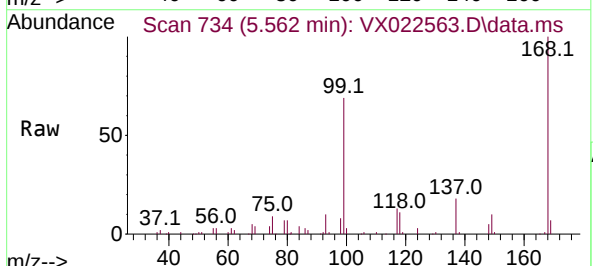
Tgt Ion: 117 Resp: 6729

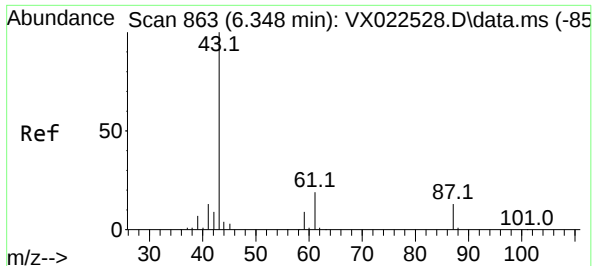
Ion Ratio Lower Upper

117 100

119 3.8 76.2 114.2#

121 0.0 24.8 37.2#

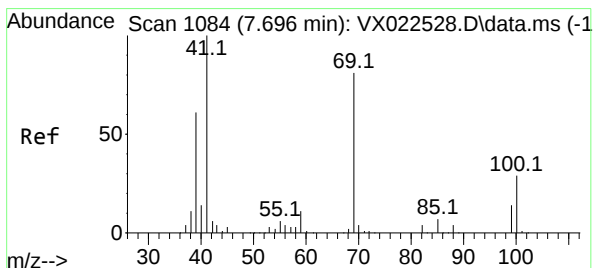
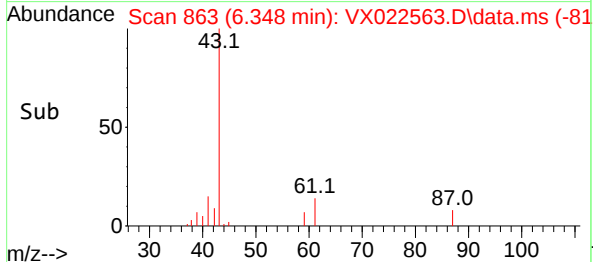
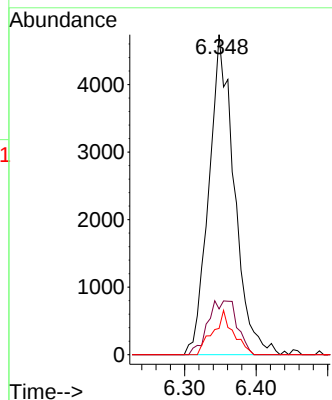
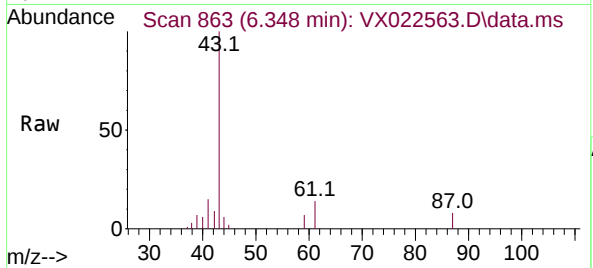




#43
Isopropyl Acetate
Concen: 4.939 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX022563.D
Acq: 08 Jun 2021 14:59

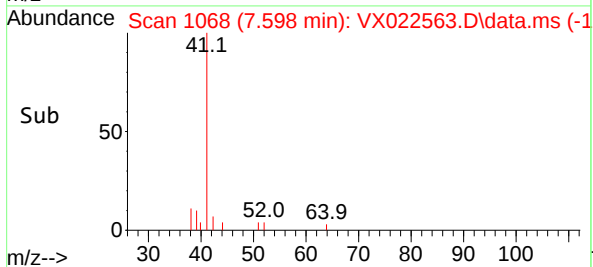
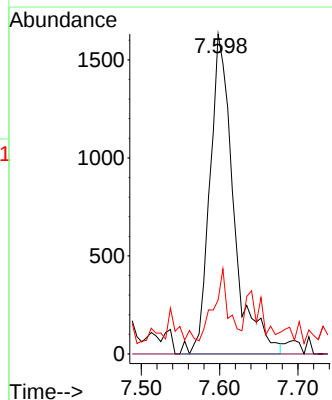
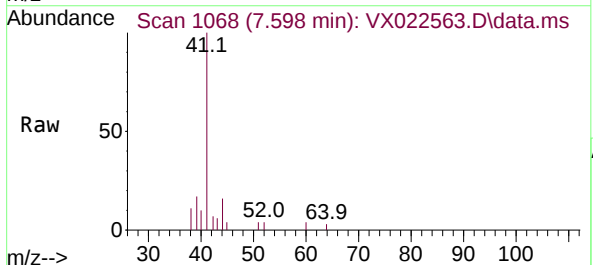
Instrument :
MSVOA_X
ClientSampled :

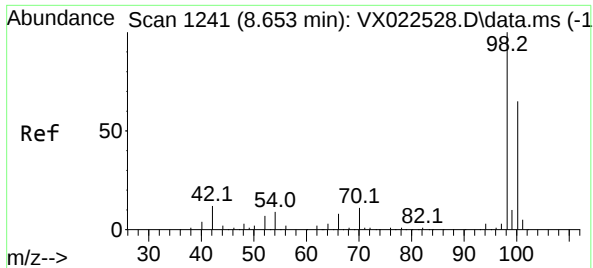
Tgt Ion:	43	Resp:	11683
Ion	Ratio	Lower	Upper
43	100		
61	19.4	18.2	27.4
87	11.0	12.5	18.7#



#48
Methyl methacrylate
Concen: 3.142 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022563.D
Acq: 08 Jun 2021 14:59

Tgt Ion:	41	Resp:	3458
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

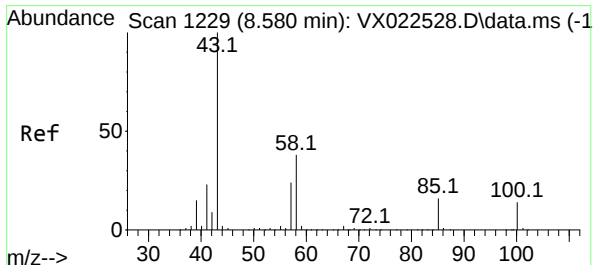
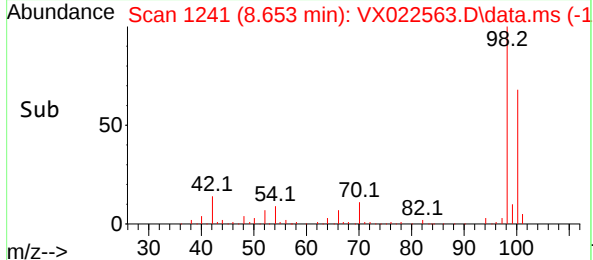
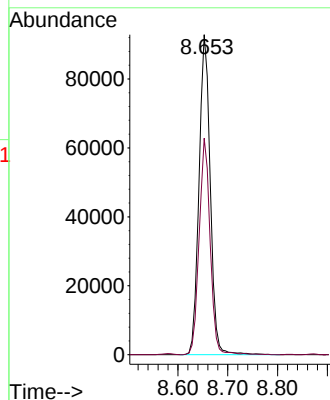
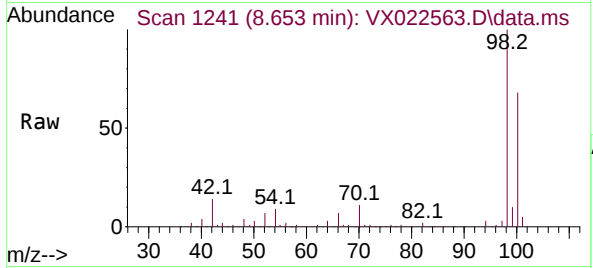




#50
Toluene-d8
Concen: 49.467 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022563.D
Acq: 08 Jun 2021 14:59

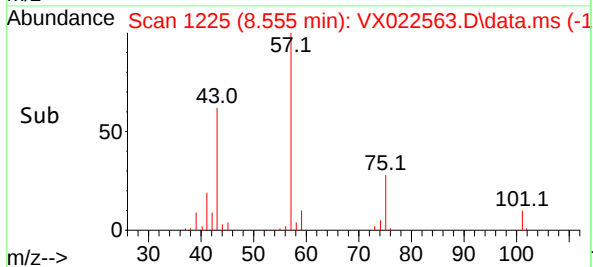
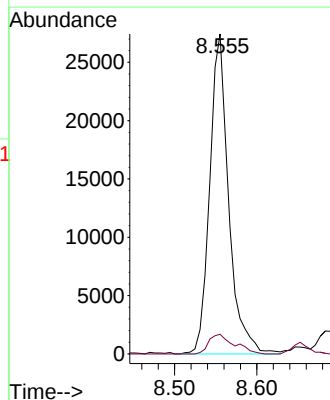
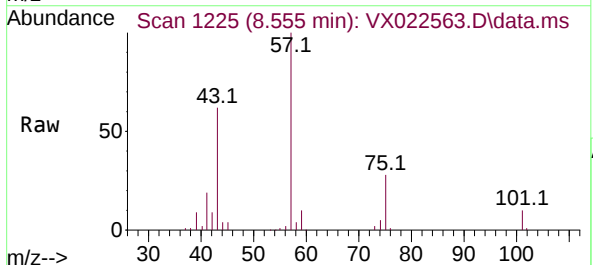
Instrument :
MSVOA_X
ClientSampled :

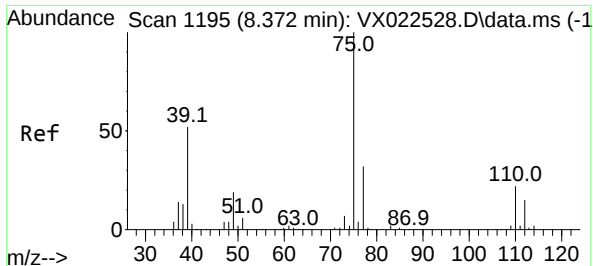
Tgt Ion: 98 Resp: 145132
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 29.885 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022563.D
Acq: 08 Jun 2021 14:59

Tgt Ion: 43 Resp: 44041
Ion Ratio Lower Upper
43 100
58 8.3 35.4 53.0#

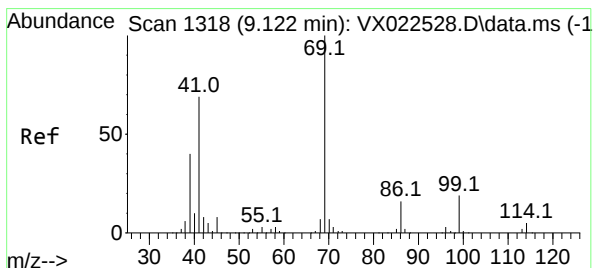
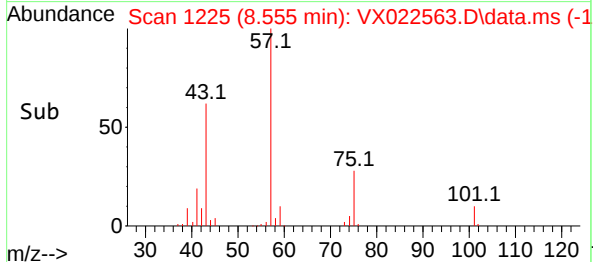
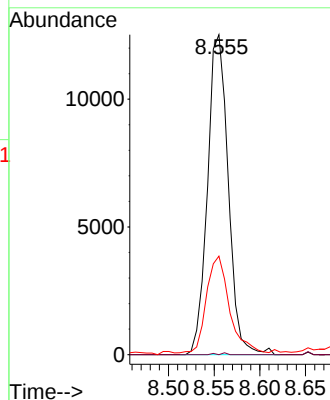
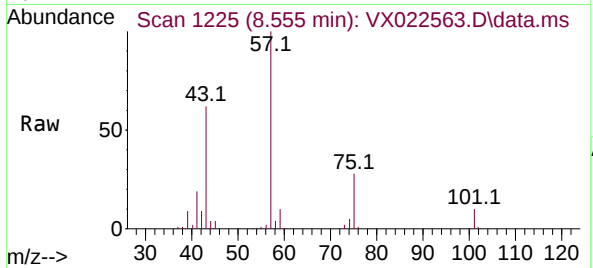




#54
cis-1,3-Dichloropropene
Concen: 14.671 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022563.D
Acq: 08 Jun 2021 14:59

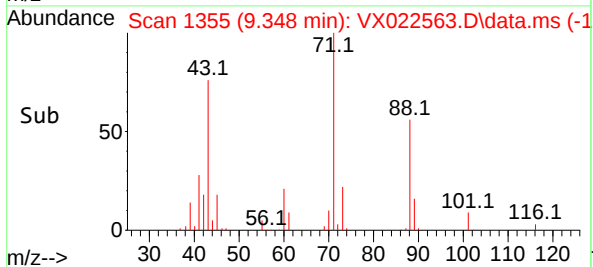
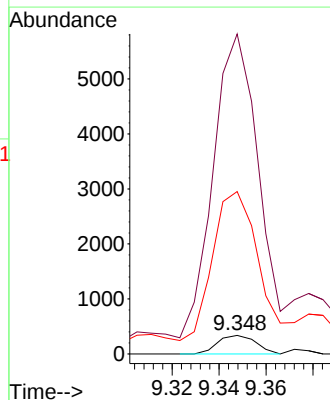
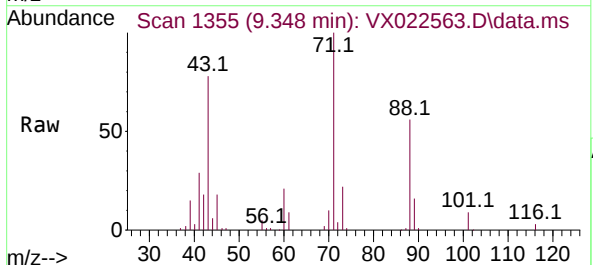
Instrument :
MSVOA_X
ClientSampled :

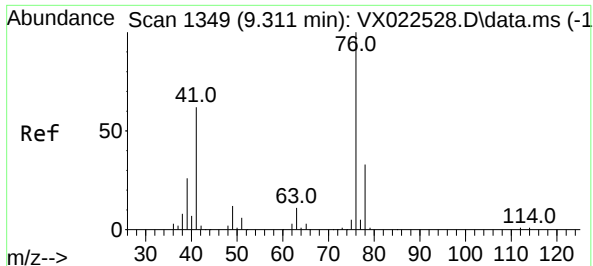
Tgt Ion: 75 Resp: 19762
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 30.2 35.1 52.7#



#56
Ethyl methacrylate
Concen: 2.927 ug/l
RT: 9.348 min Scan# 1355
Delta R.T. 0.226 min
Lab File: VX022563.D
Acq: 08 Jun 2021 14:59

Tgt Ion: 69 Resp: 382
Ion Ratio Lower Upper
69 100
41 2231.7 46.8 70.2#
39 966.8 24.7 37.1#



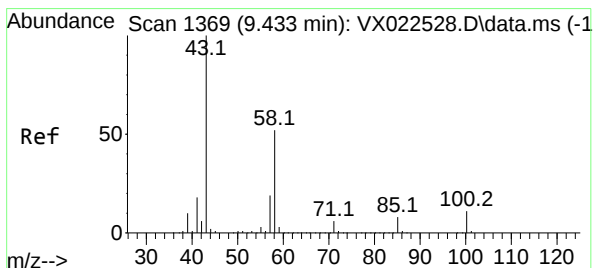
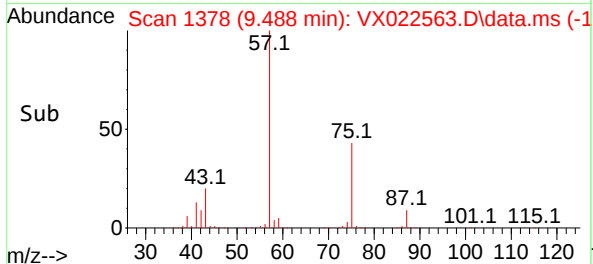
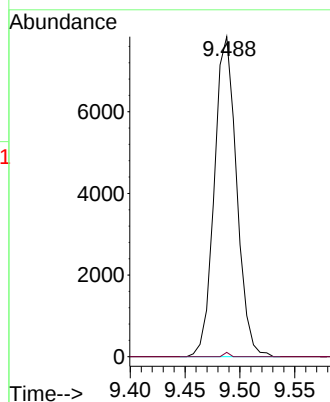
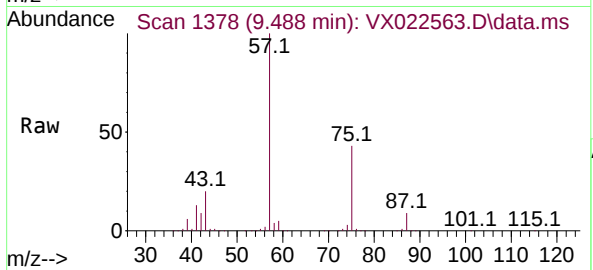


#57

1,3-Dichloropropane
Concen: 7.143 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022563.D
Acq: 08 Jun 2021 14:59

Instrument :
MSVOA_X
ClientSampled :

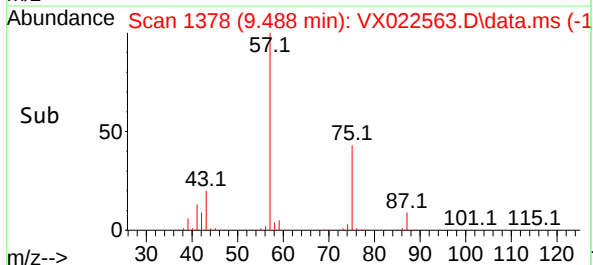
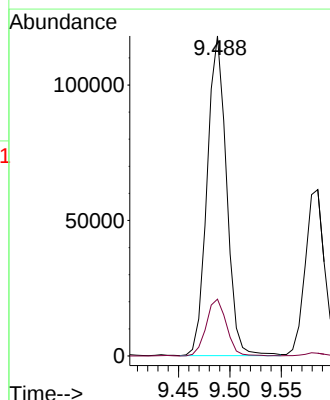
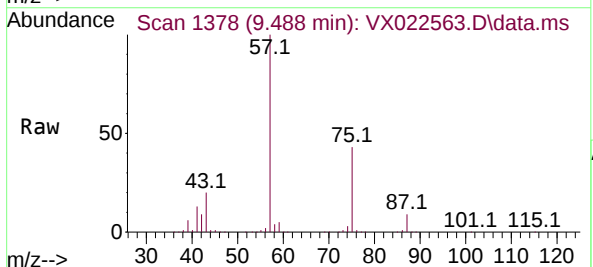
Tgt Ion: 76 Resp: 11087
Ion Ratio Lower Upper
76 100
78 0.4 26.2 39.2#

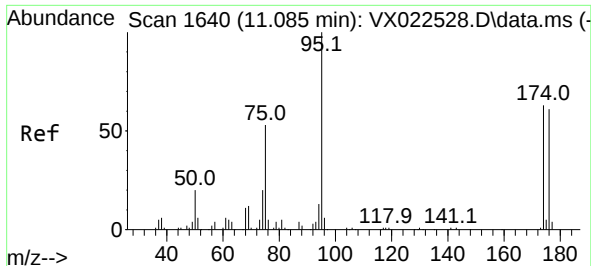


#59

2-Hexanone
Concen: 137.726 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022563.D
Acq: 08 Jun 2021 14:59

Tgt Ion: 43 Resp: 155051
Ion Ratio Lower Upper
43 100
58 18.6 30.9 92.8#

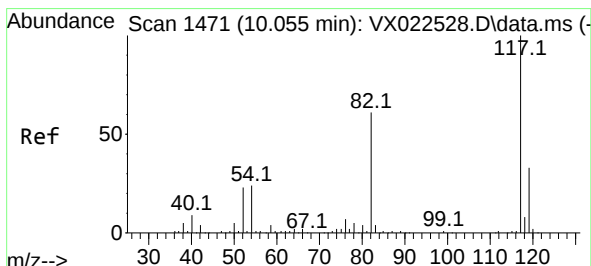
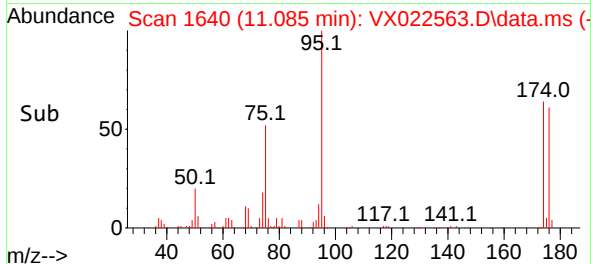
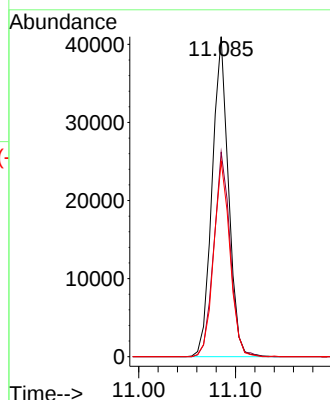
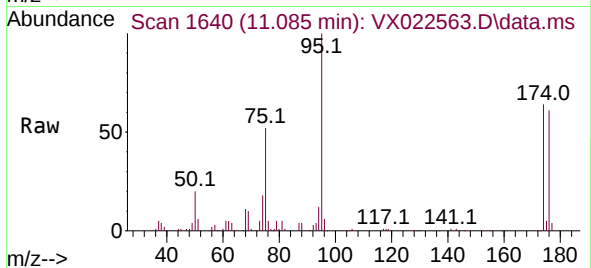




#62
4-Bromofluorobenzene
Concen: 43.959 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022563.D
Acq: 08 Jun 2021 14:59

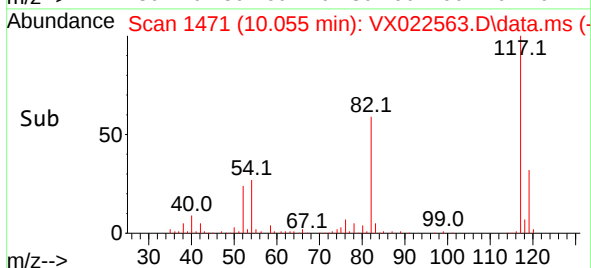
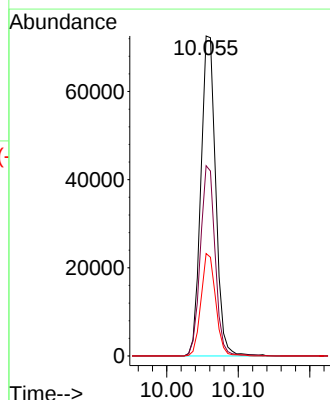
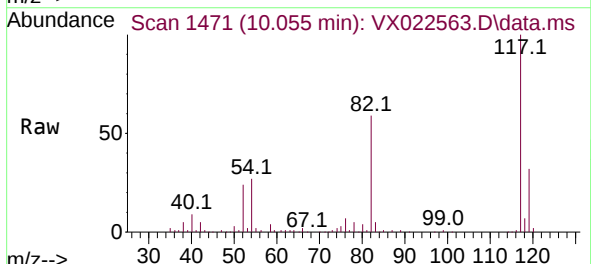
Instrument :
MSVOA_X
ClientSampleId :

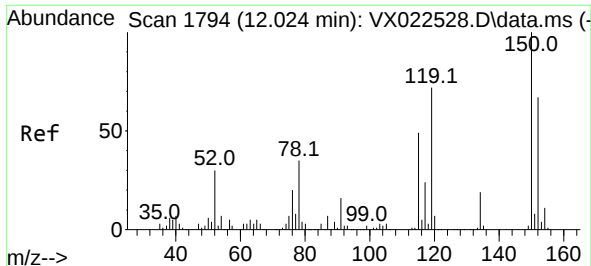
Tgt Ion: 95 Resp: 47938
Ion Ratio Lower Upper
95 100
174 64.1 0.0 154.6
176 60.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022563.D
Acq: 08 Jun 2021 14:59

Tgt Ion: 117 Resp: 104484
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.2
119 32.0 26.6 39.8

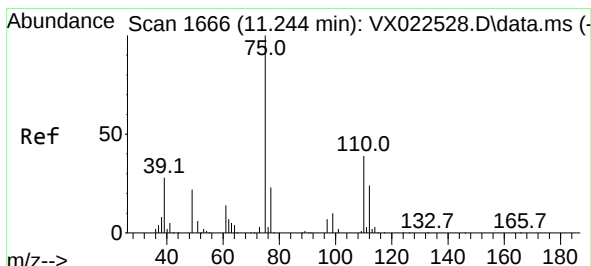
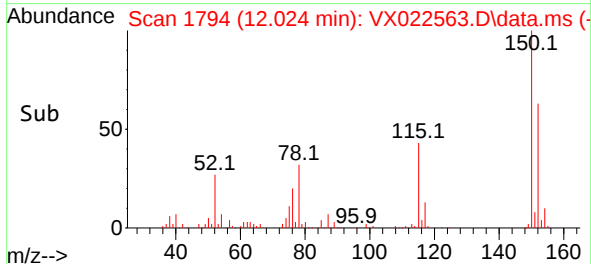
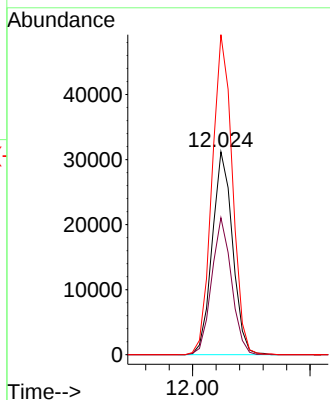
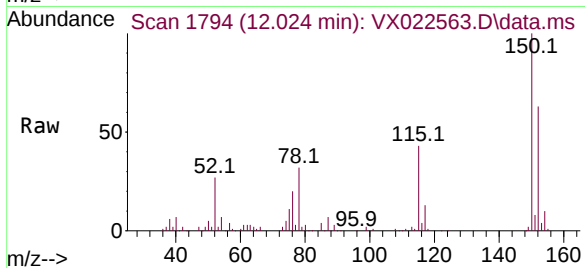




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX022563.D
 Acq: 08 Jun 2021 14:59

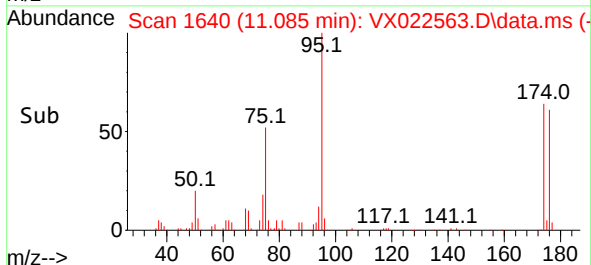
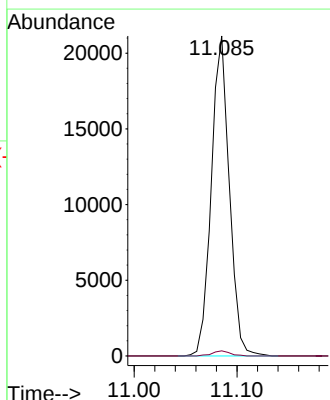
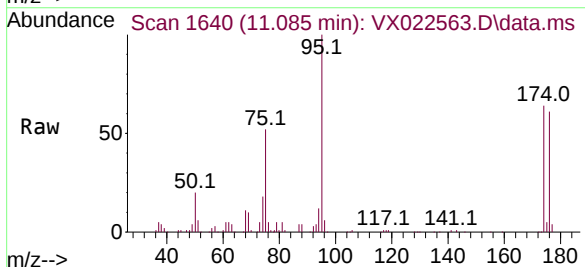
Instrument :
 MSVOA_X
 ClientSampled :

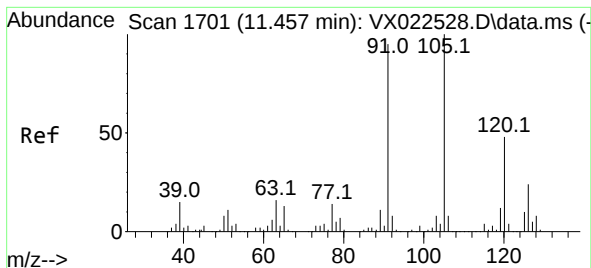
Tgt Ion:152 Resp: 37567
 Ion Ratio Lower Upper
 152 100
 115 65.6 41.1 123.3
 150 157.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.355 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022563.D
 Acq: 08 Jun 2021 14:59

Tgt Ion: 75 Resp: 25649
 Ion Ratio Lower Upper
 75 100
 77 1.6 19.1 57.5#

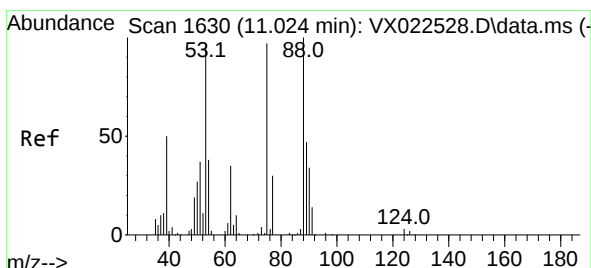
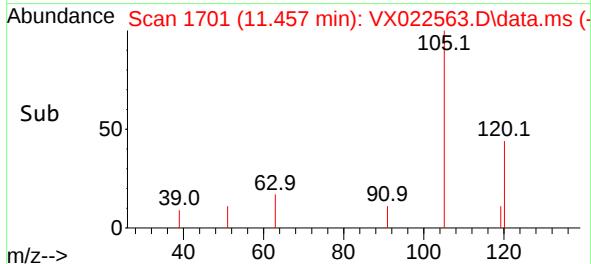
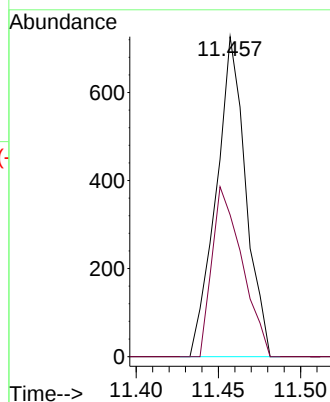
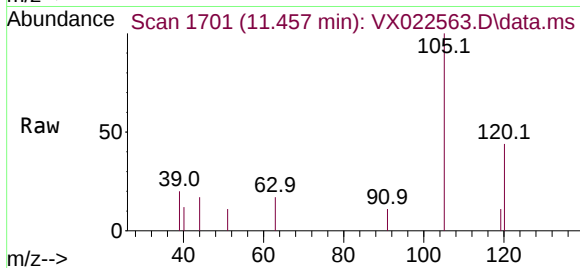




#80
1,3,5-Trimethylbenzene
Concen: 0.349 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022563.D
Acq: 08 Jun 2021 14:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 912
Ion Ratio Lower Upper
105 100
120 53.7 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 64.904 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022563.D
Acq: 08 Jun 2021 14:59

Tgt Ion: 75 Resp: 25649
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

