

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022572.D
 Acq On : 08 Jun 2021 18:28
 Operator : JC/MD
 Sample : PB136878ZHE#12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

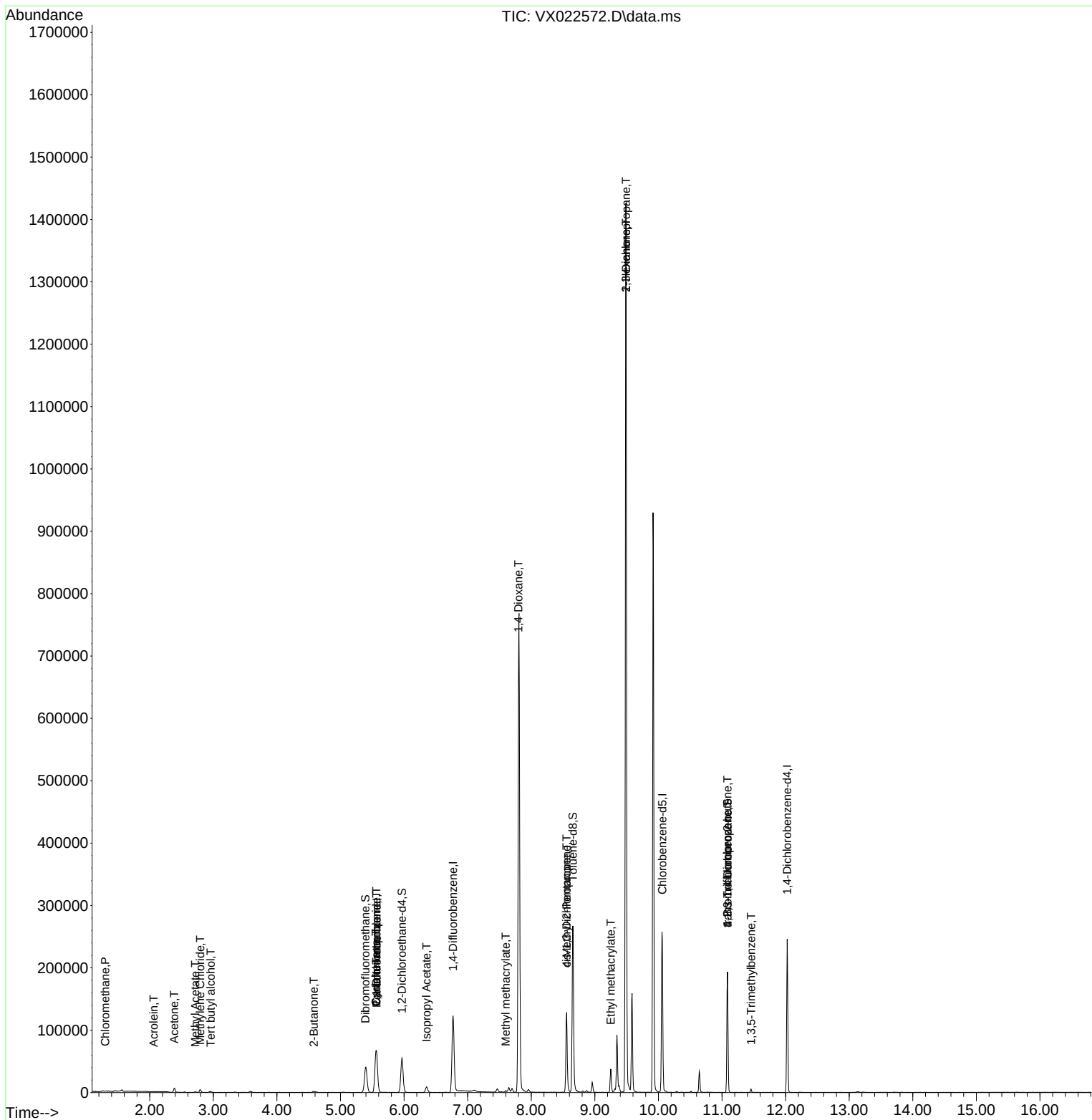
Instrument :
 MSVOA_X
 ClientSampleId :

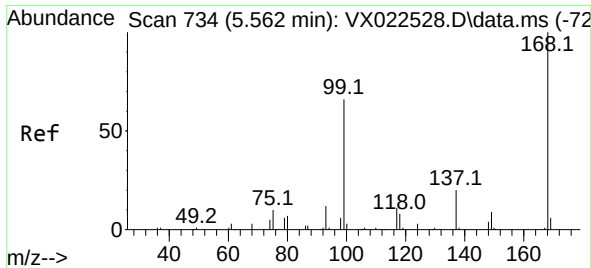
Quant Time: Jun 09 04:01:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	58134	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	117653	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	108637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49522	47.918	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.840%
35) Dibromofluoromethane	5.391	113	35339	48.008	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.020%
50) Toluene-d8	8.653	98	150018	51.076	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.160%
62) 4-Bromofluorobenzene	11.085	95	52120	47.741	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.480%
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	166	0.203	ug/l	# 42
11) Tert butyl alcohol	2.959	59	1207	5.207	ug/l	# 73
13) Acrolein	2.063	56	22	3.316	ug/l	# 1
16) Acetone	2.386	43	7480	16.107	ug/l	92
18) Methyl Acetate	2.715	43	1471	1.149	ug/l	# 72
20) Methylene Chloride	2.794	84	1724	1.778	ug/l	# 79
25) 2-Butanone	4.581	43	1769	2.305	ug/l	# 81
31) Cyclohexane	5.556	56	1644	1.345	ug/l	# 11
36) 1,1-Dichloropropene	5.562	75	5968	5.244	ug/l	# 48
38) Carbon Tetrachloride	5.562	117	6979	8.405	ug/l	# 15
43) Isopropyl Acetate	6.355	43	12112	5.115	ug/l	94
48) Methyl methacrylate	7.598	41	3267	2.965	ug/l	# 10
49) 1,4-Dioxane	7.799	88	35	1.570	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	43349	29.383	ug/l	# 45
54) cis-1,3-Dichloropropene	8.555	75	19324	14.390	ug/l	# 64
56) Ethyl methacrylate	9.250	69	91	2.755	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	11985	7.713	ug/l	# 42
59) 2-Hexanone	9.488	43	165686	147.010	ug/l	# 44
76) 1,2,3-Trichloropropane	11.085	75	28242	25.591	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.457	105	2761	0.931	ug/l	84
81) trans-1,4-Dichloro-2-b...	11.085	75	28242	63.190	ug/l	# 12

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

Quant Time: Jun 09 04:01:33 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

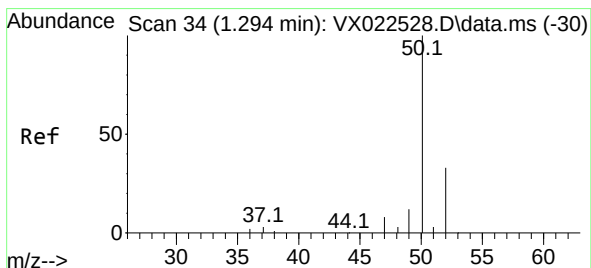
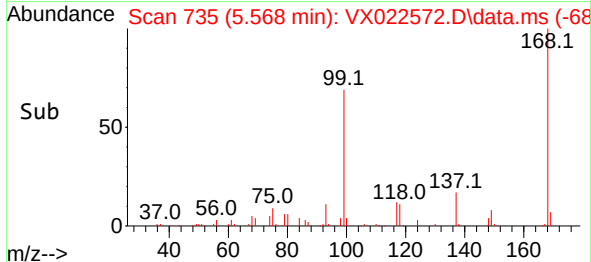
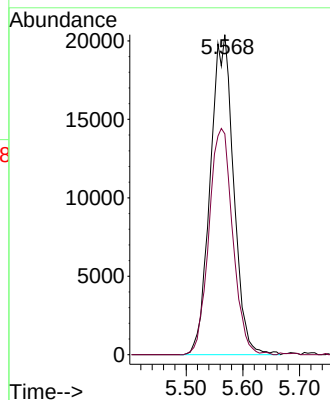
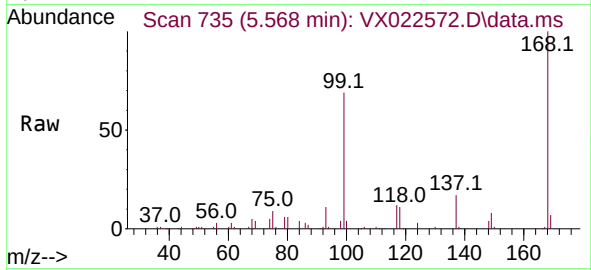




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022572.D
Acq: 08 Jun 2021 18:28

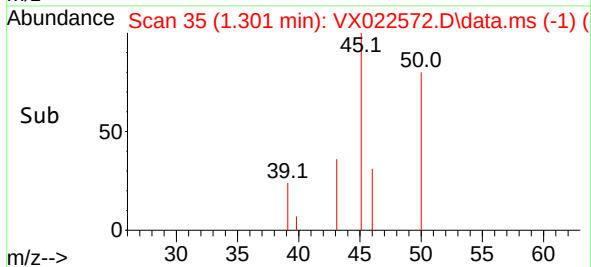
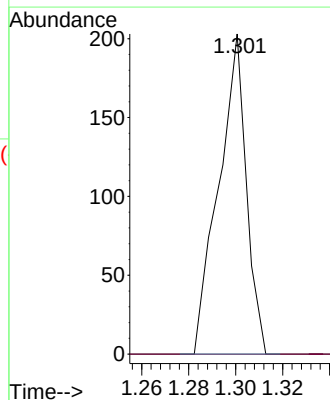
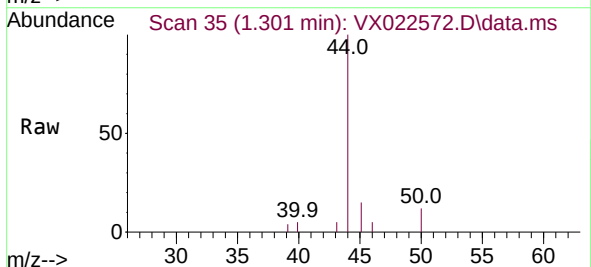
Instrument :
MSVOA_X
ClientSampleId :

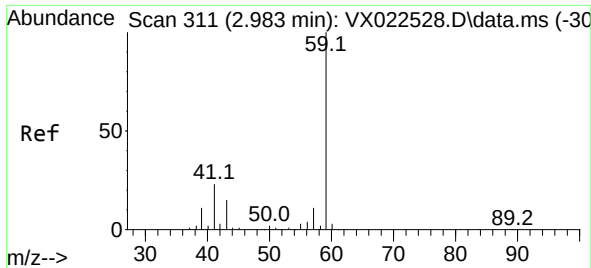
Tgt Ion:168 Resp: 58134
Ion Ratio Lower Upper
168 100
99 69.0 45.8 68.6#



#3
Chloromethane
Concen: 0.203 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX022572.D
Acq: 08 Jun 2021 18:28

Tgt Ion: 50 Resp: 166
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#



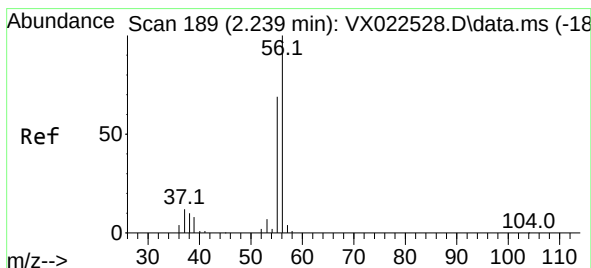
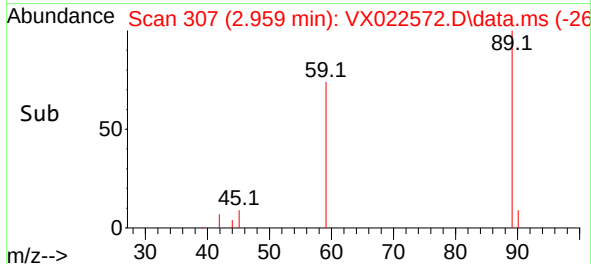
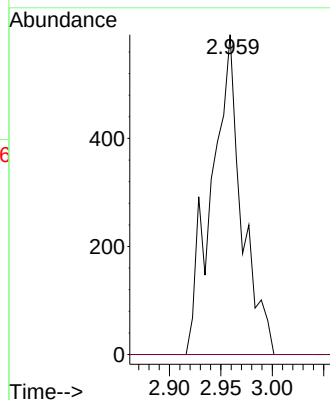
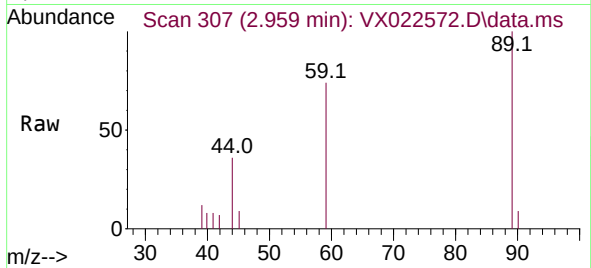


#11

Tert butyl alcohol
Concen: 5.207 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX022572.D
Acq: 08 Jun 2021 18:28

Instrument :
MSVOA_X
ClientSampled :

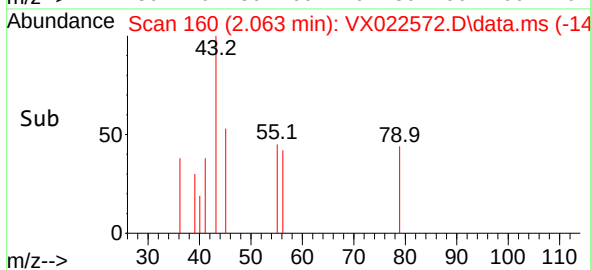
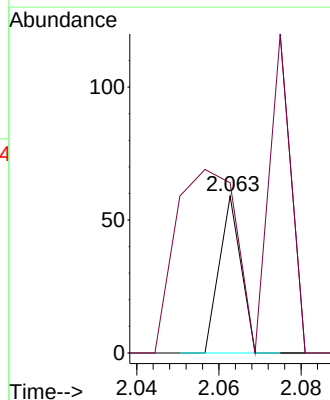
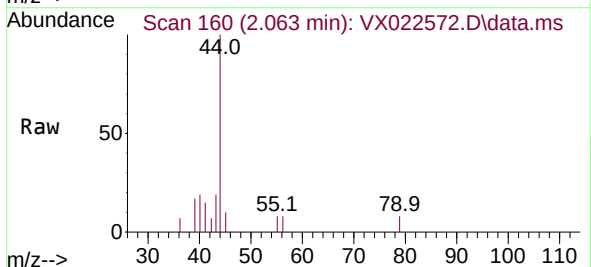
Tgt Ion: 59 Resp: 1207
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

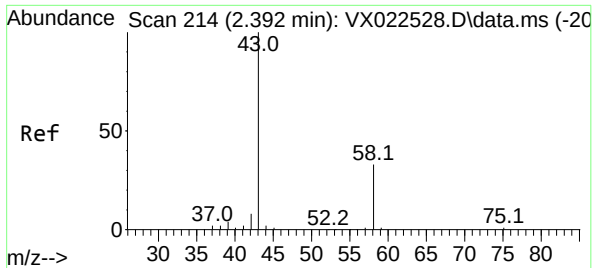


#13

Acrolein
Concen: 3.316 ug/l
RT: 2.063 min Scan# 160
Delta R.T. -0.176 min
Lab File: VX022572.D
Acq: 08 Jun 2021 18:28

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 318.2 56.4 84.6#

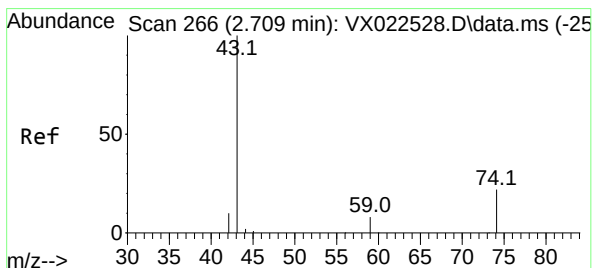
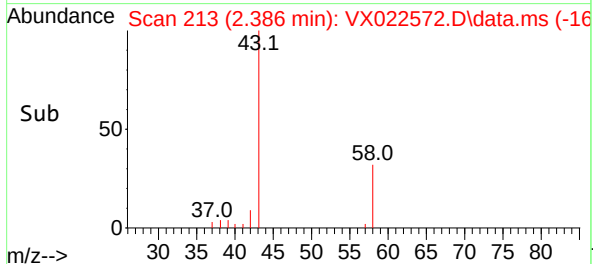
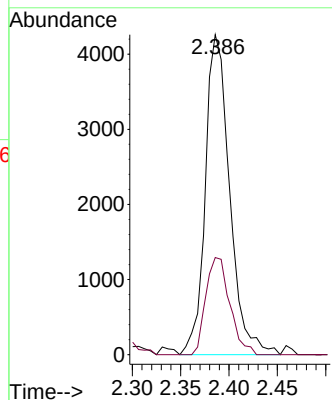
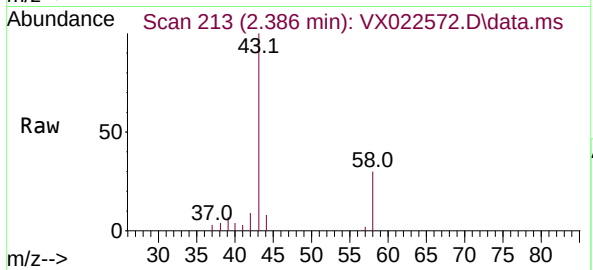




#16
Acetone
Concen: 16.107 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022572.D
Acq: 08 Jun 2021 18:28

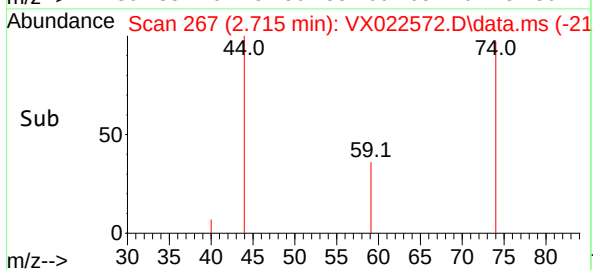
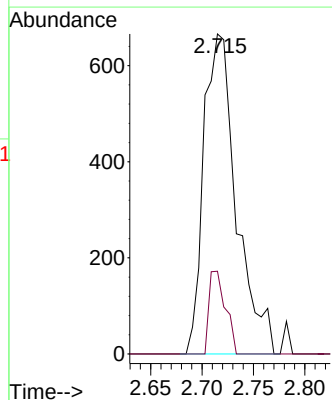
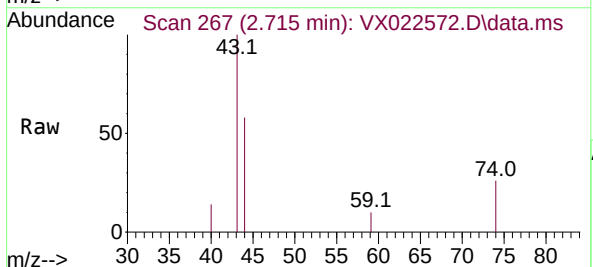
Instrument :
MSVOA_X
ClientSampleId :

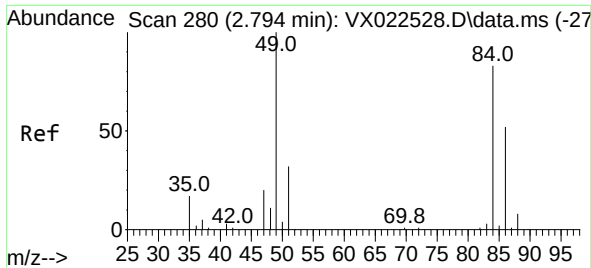
Tgt Ion: 43 Resp: 7480
Ion Ratio Lower Upper
43 100
58 30.4 27.8 41.8



#18
Methyl Acetate
Concen: 1.149 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022572.D
Acq: 08 Jun 2021 18:28

Tgt Ion: 43 Resp: 1471
Ion Ratio Lower Upper
43 100
74 13.0 21.9 32.9#

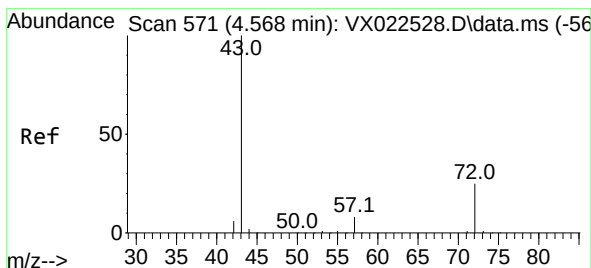
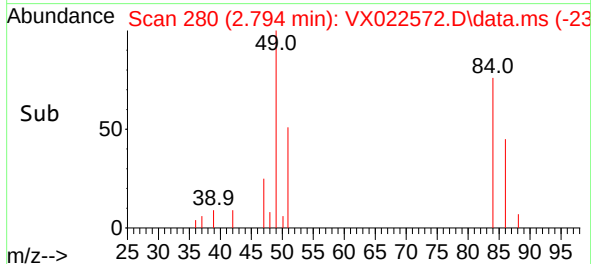
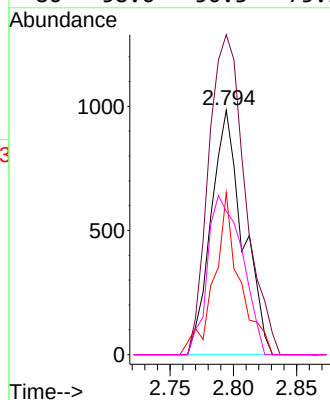
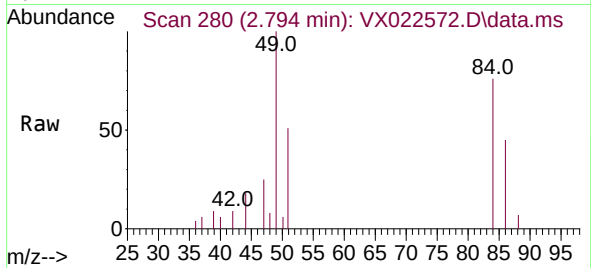




#20
Methylene Chloride
Concen: 1.778 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022572.D
Acq: 08 Jun 2021 18:28

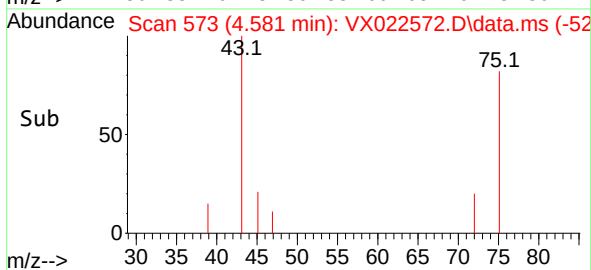
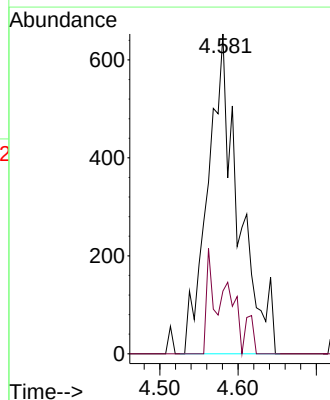
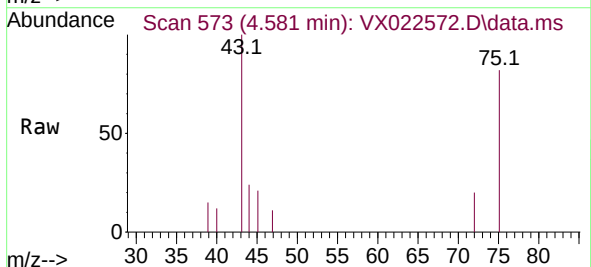
Instrument :
MSVOA_X
ClientSampled :

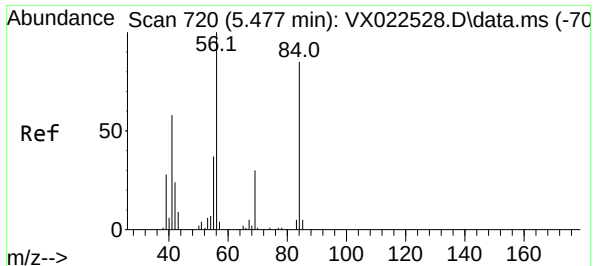
Tgt Ion: 84	Resp: 1724
Ion Ratio	Lower Upper
84 100	
49 130.9	88.6 132.8
51 66.3	27.0 40.6#
86 58.6	50.3 75.5



#25
2-Butanone
Concen: 2.305 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX022572.D
Acq: 08 Jun 2021 18:28

Tgt Ion: 43	Resp: 1769
Ion Ratio	Lower Upper
43 100	
72 19.6	23.7 35.5#

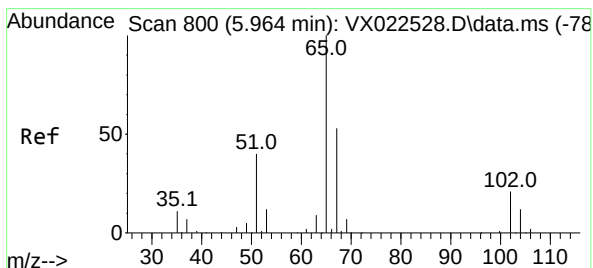
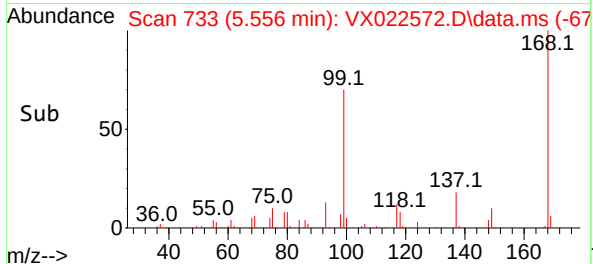
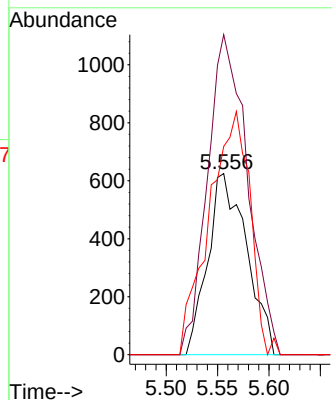
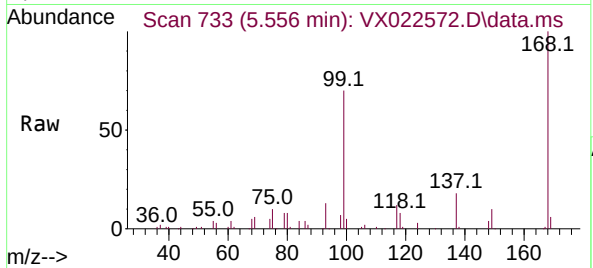




#31
Cyclohexane
Concen: 1.345 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX022572.D
Acq: 08 Jun 2021 18:28

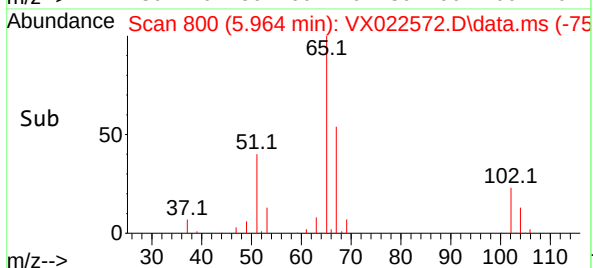
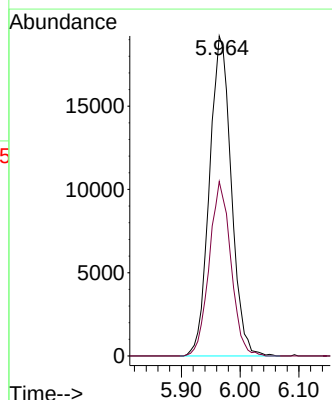
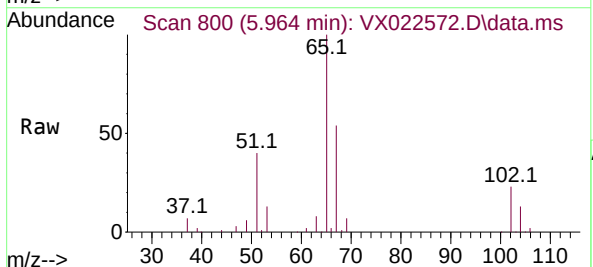
Instrument :
MSVOA_X
ClientSampled :

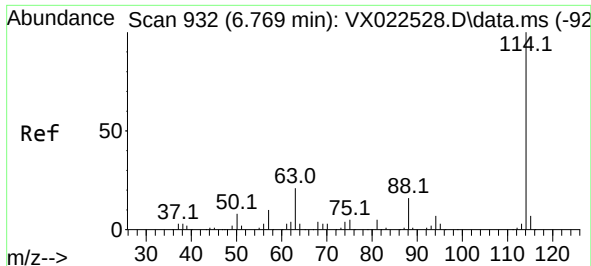
Tgt Ion: 56 Resp: 1644
Ion Ratio Lower Upper
56 100
69 176.6 25.3 37.9#
84 115.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 47.918 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022572.D
Acq: 08 Jun 2021 18:28

Tgt Ion: 65 Resp: 49522
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.4

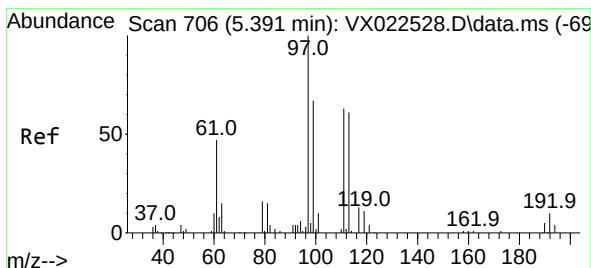
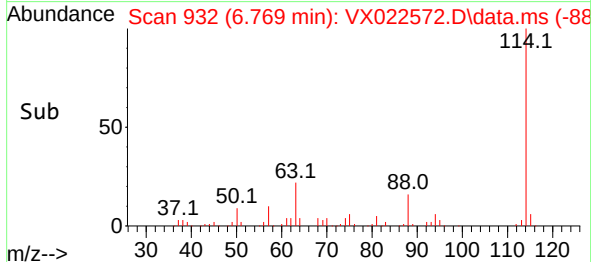
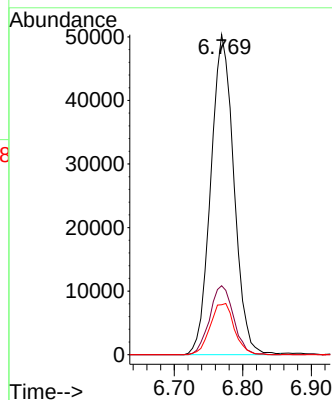
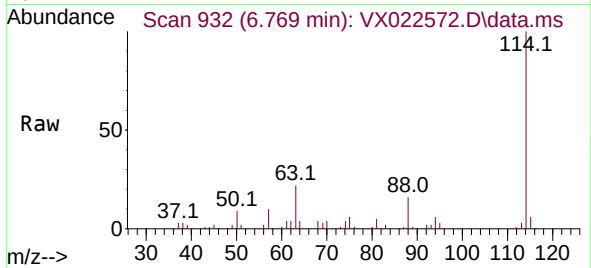




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022572.D
Acq: 08 Jun 2021 18:28

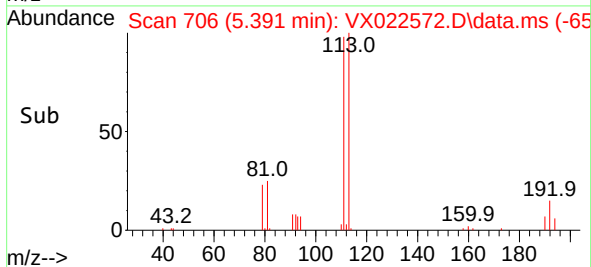
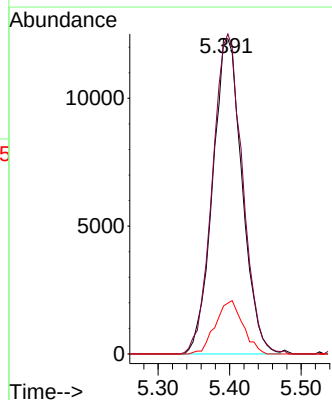
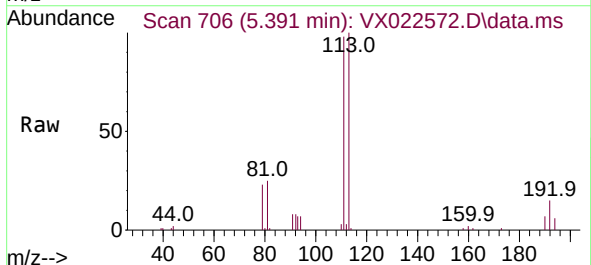
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MSVOA_X
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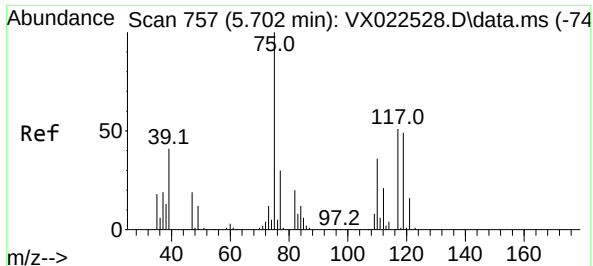
Tgt Ion:114 Resp: 117653
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 15.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.008 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022572.D
Acq: 08 Jun 2021 18:28

Tgt Ion:113 Resp: 35339
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 15.8 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.244 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022572.D

Acq: 08 Jun 2021 18:28

Tgt Ion: 75 Resp: 5968

Ion Ratio Lower Upper

75 100

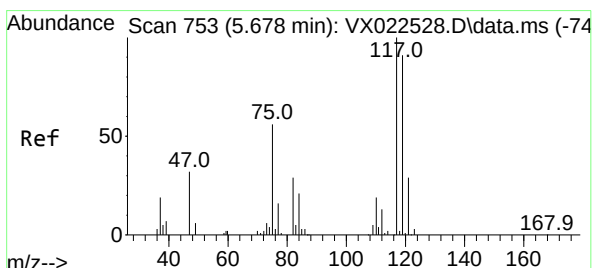
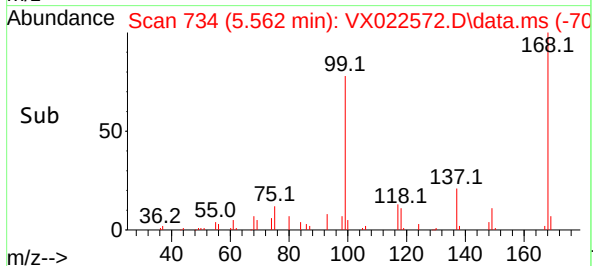
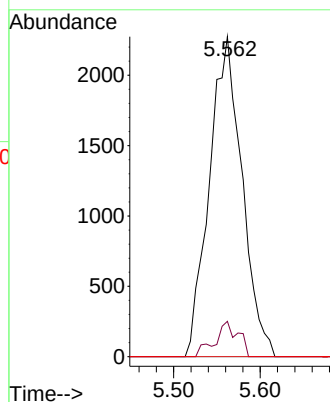
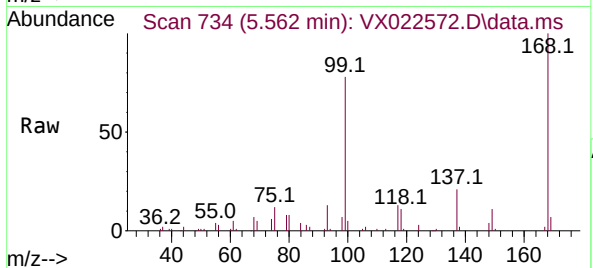
110 7.8 18.1 54.4#

77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :



#38

Carbon Tetrachloride

Concen: 8.405 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.116 min

Lab File: VX022572.D

Acq: 08 Jun 2021 18:28

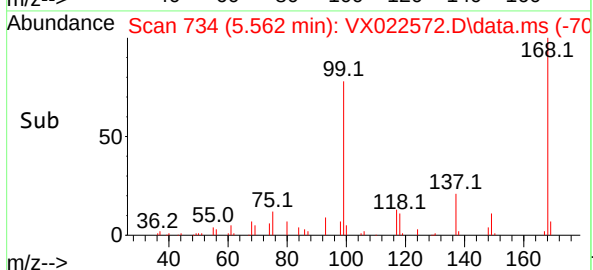
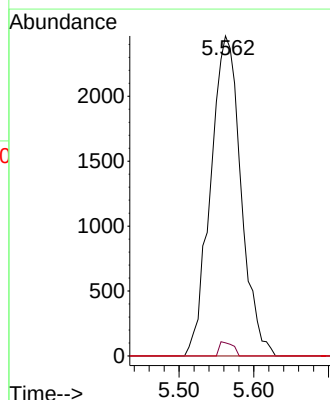
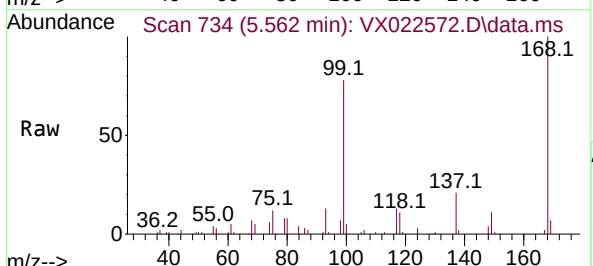
Tgt Ion: 117 Resp: 6979

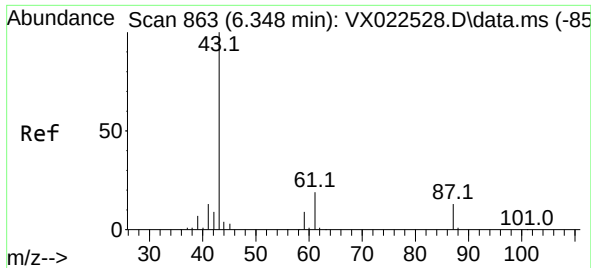
Ion Ratio Lower Upper

117 100

119 4.1 76.2 114.2#

121 0.0 24.8 37.2#

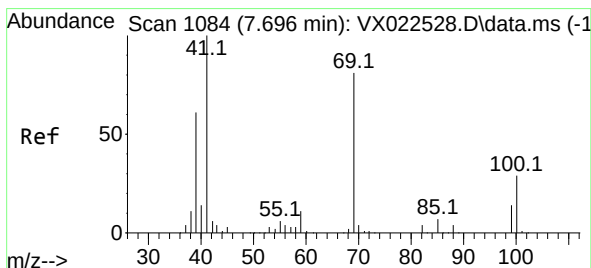
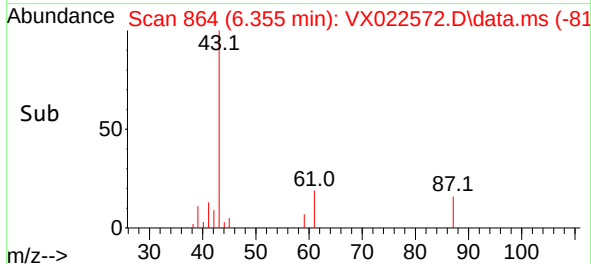
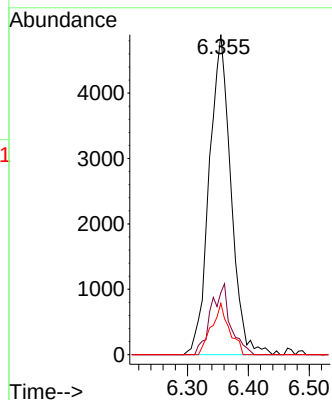
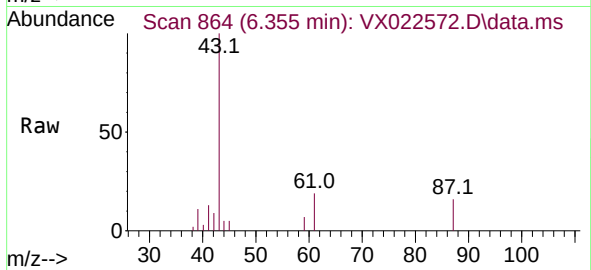




#43
Isopropyl Acetate
Concen: 5.115 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.007 min
Lab File: VX022572.D
Acq: 08 Jun 2021 18:28

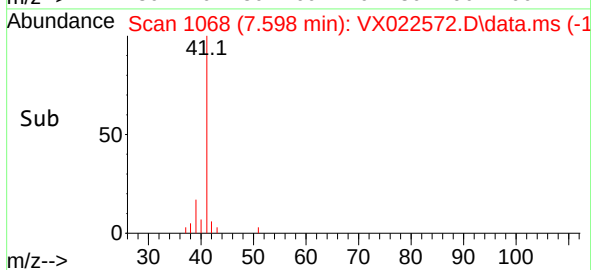
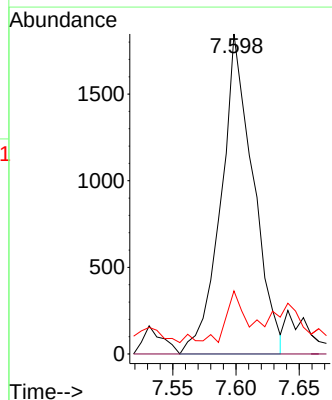
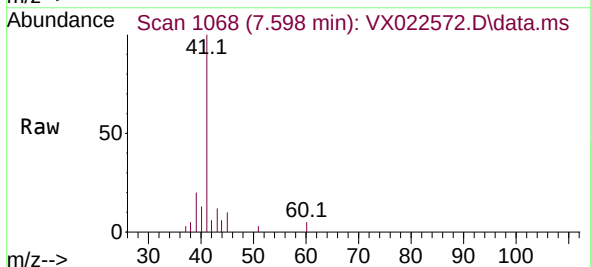
Instrument :
MSVOA_X
ClientSampleId :

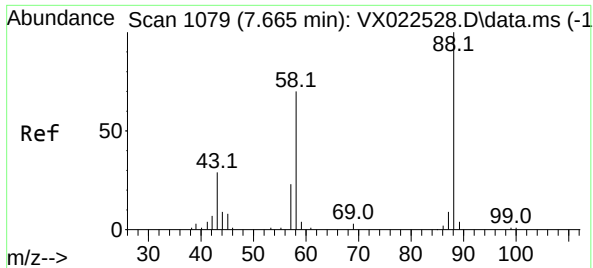
Tgt Ion: 43 Resp: 12112
Ion Ratio Lower Upper
43 100
61 19.9 18.2 27.4
87 12.9 12.5 18.7



#48
Methyl methacrylate
Concen: 2.965 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022572.D
Acq: 08 Jun 2021 18:28

Tgt Ion: 41 Resp: 3267
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#

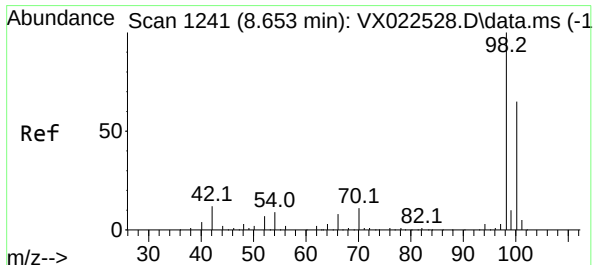
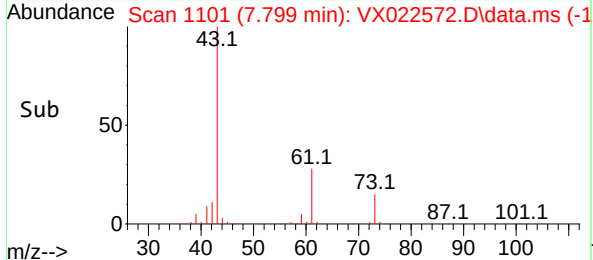
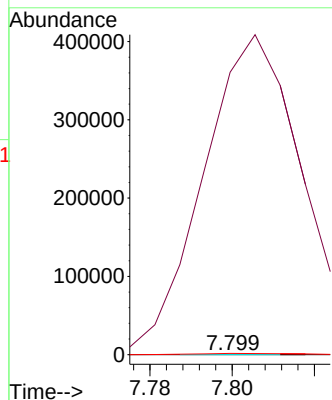
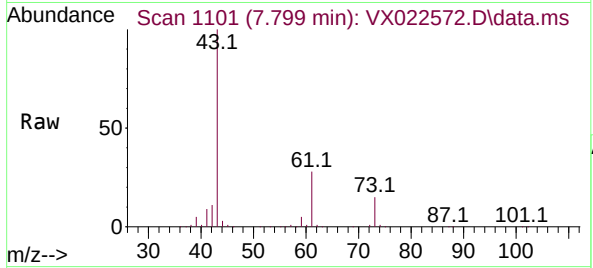




#49
1,4-Dioxane
Concen: 1.570 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.134 min
Lab File: VX022572.D
Acq: 08 Jun 2021 18:28

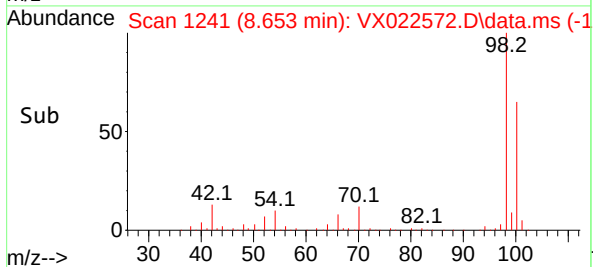
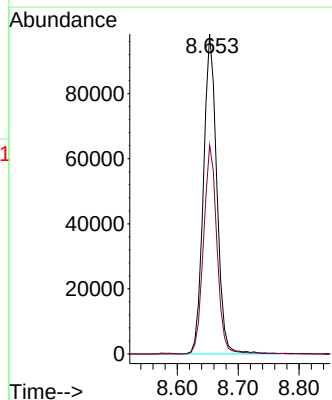
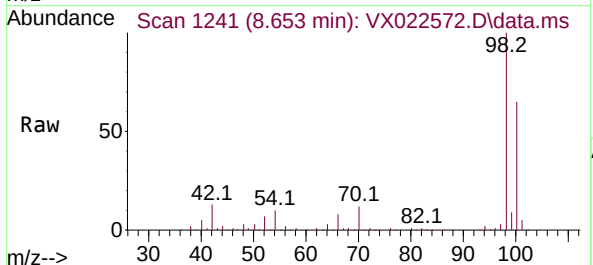
Instrument :
MSVOA_X
ClientSampled :

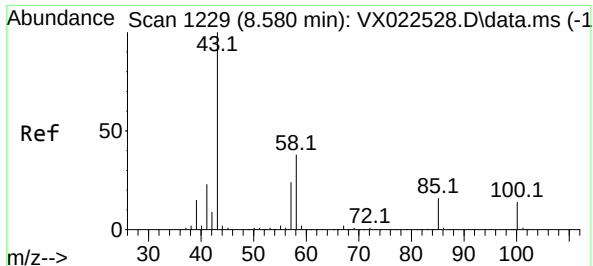
Tgt Ion: 88 Resp: 35
Ion Ratio Lower Upper
88 100
43 2012620.0 23.2 34.8#
58 8491.4 55.0 82.4#



#50
Toluene-d8
Concen: 51.076 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022572.D
Acq: 08 Jun 2021 18:28

Tgt Ion: 98 Resp: 150018
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

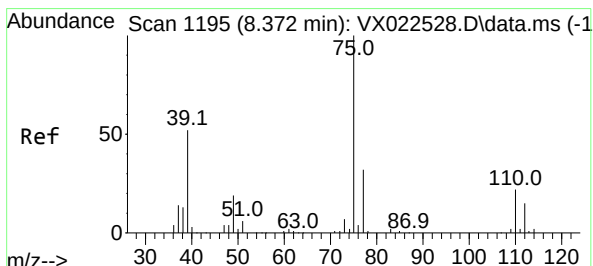
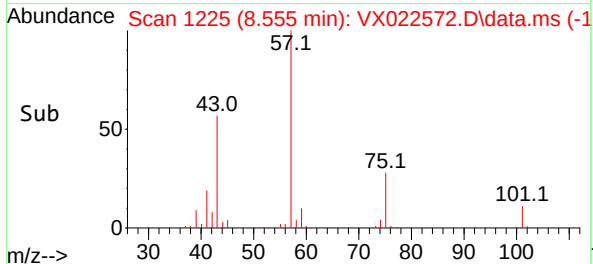
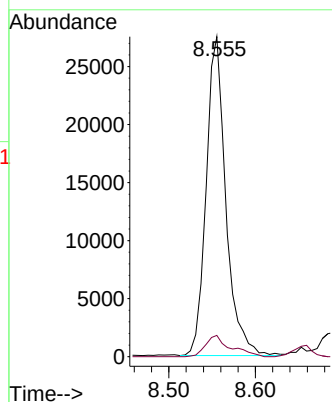
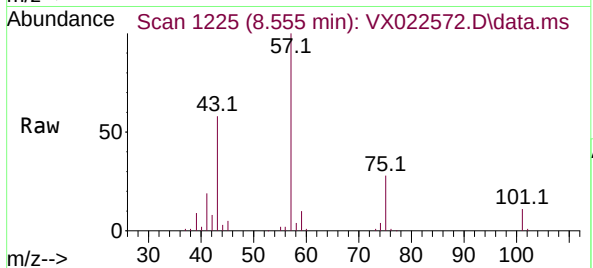




#51
4-Methyl-2-Pentanone
Concen: 29.383 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022572.D
Acq: 08 Jun 2021 18:28

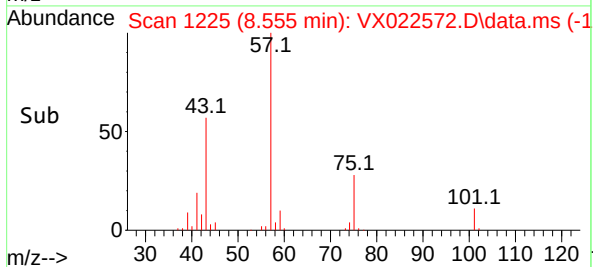
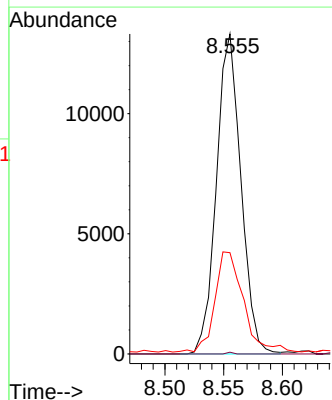
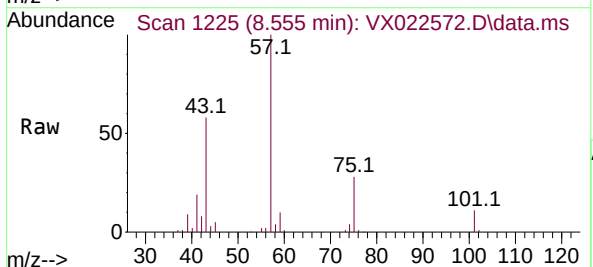
Instrument :
MSVOA_X
ClientSampled :

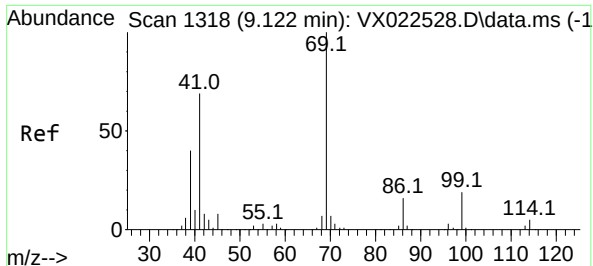
Tgt Ion: 43 Resp: 43349
Ion Ratio Lower Upper
43 100
58 8.5 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 14.390 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022572.D
Acq: 08 Jun 2021 18:28

Tgt Ion: 75 Resp: 19324
Ion Ratio Lower Upper
75 100
77 0.6 25.7 38.5#
39 30.9 35.1 52.7#

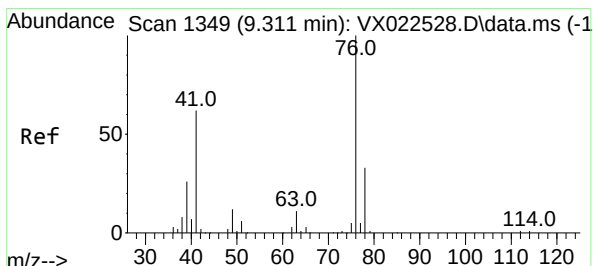
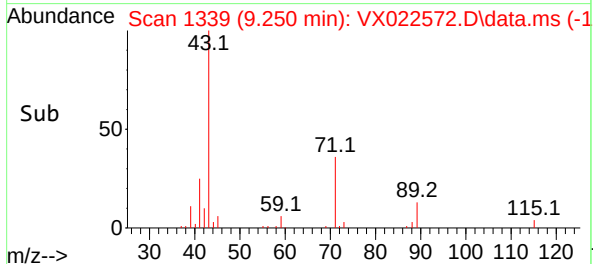
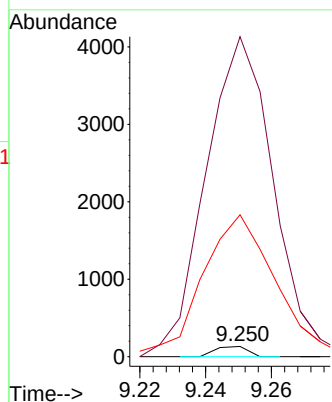
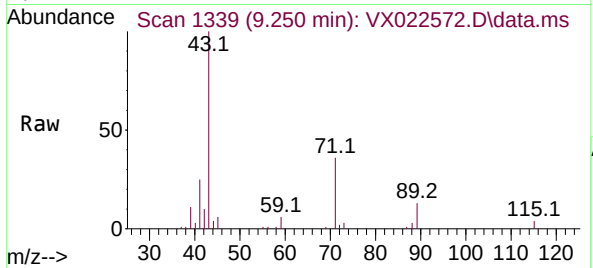




#56
Ethyl methacrylate
Concen: 2.755 ug/l
RT: 9.250 min Scan# 1339
Delta R.T. 0.128 min
Lab File: VX022572.D
Acq: 08 Jun 2021 18:28

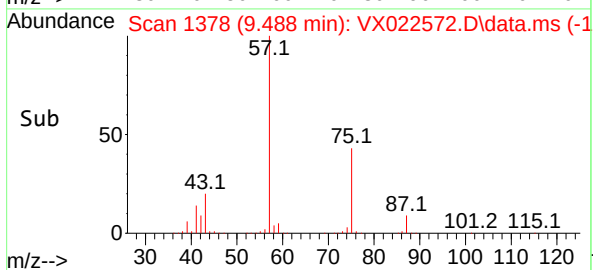
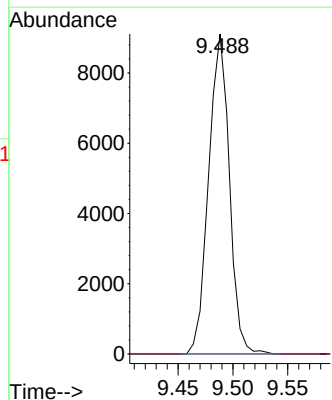
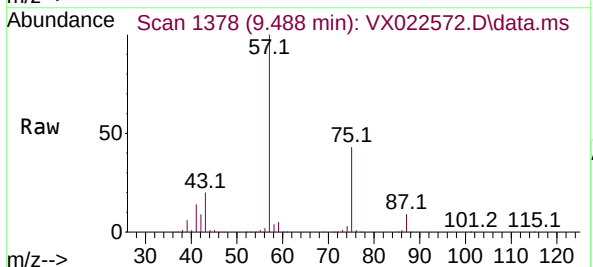
Instrument :
MSVOA_X
ClientSampled :

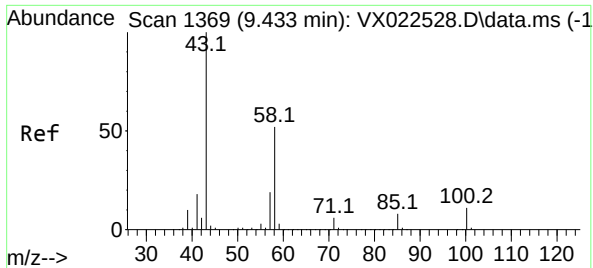
Tgt Ion: 69 Resp: 91
Ion Ratio Lower Upper
69 100
41 6482.4 46.8 70.2#
39 3313.2 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 7.713 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022572.D
Acq: 08 Jun 2021 18:28

Tgt Ion: 76 Resp: 11985
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

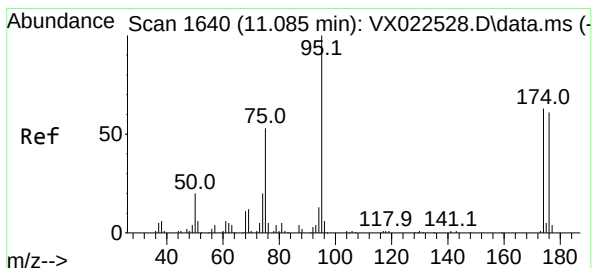
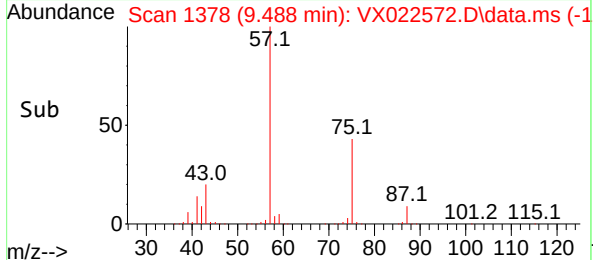
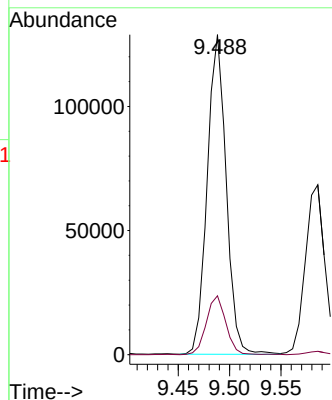
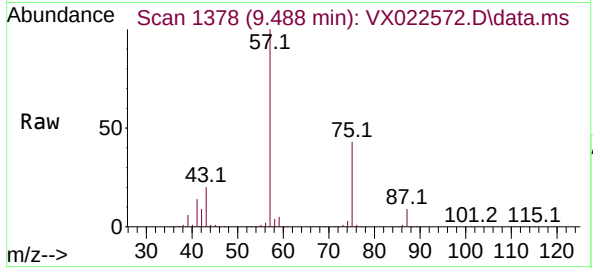




#59
2-Hexanone
Concen: 147.010 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022572.D
Acq: 08 Jun 2021 18:28

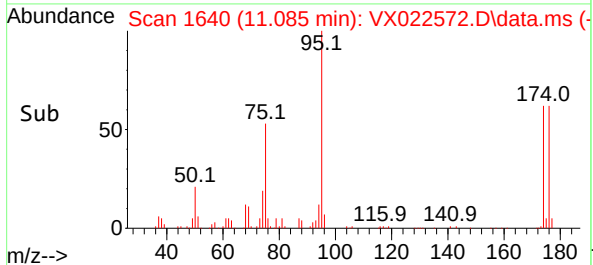
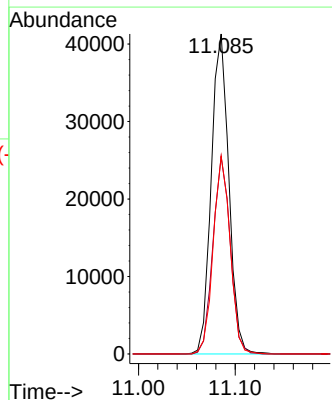
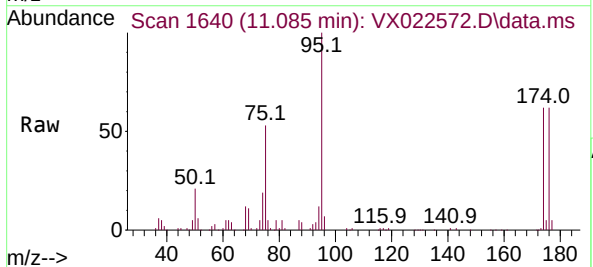
Instrument :
MSVOA_X
ClientSampled :

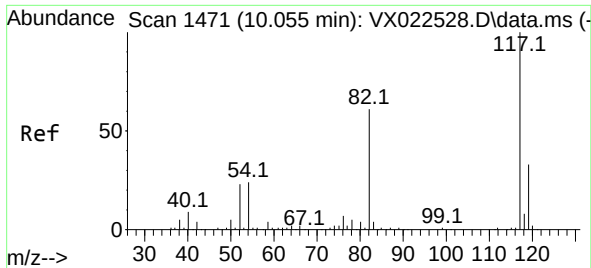
Tgt Ion: 43 Resp: 165686
Ion Ratio Lower Upper
43 100
58 19.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 47.741 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022572.D
Acq: 08 Jun 2021 18:28

Tgt Ion: 95 Resp: 52120
Ion Ratio Lower Upper
95 100
174 60.7 0.0 154.6
176 59.7 0.0 155.8

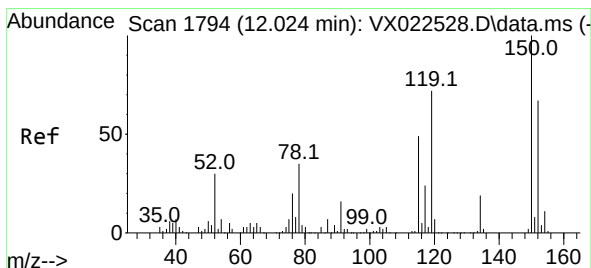
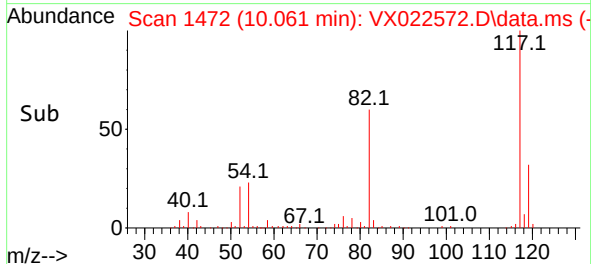
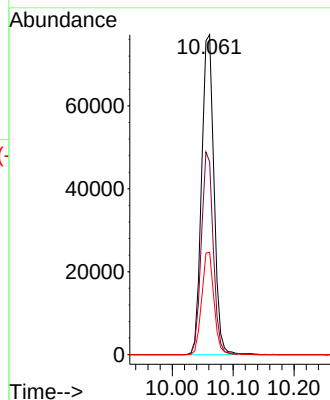
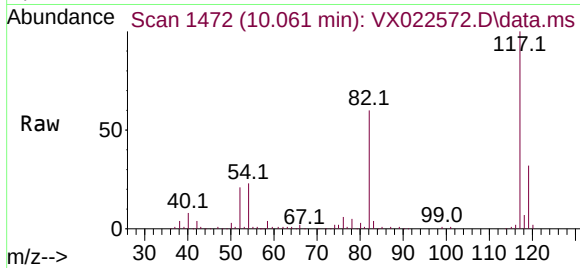




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022572.D
Acq: 08 Jun 2021 18:28

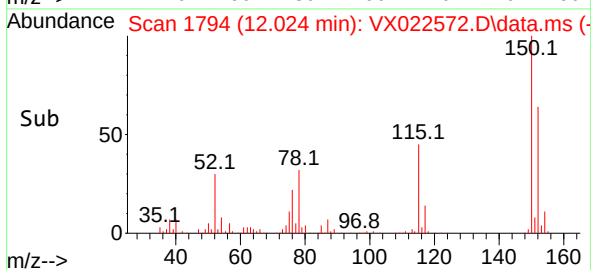
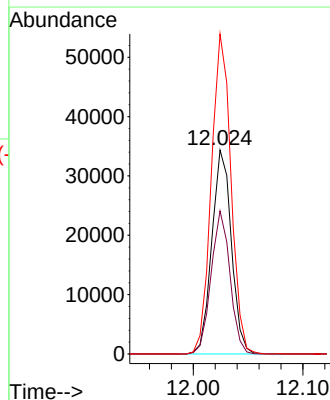
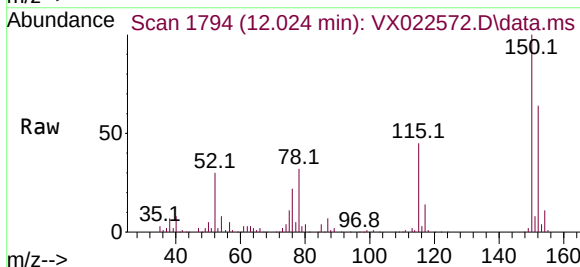
Instrument :
MSVOA_X
ClientSampleId :

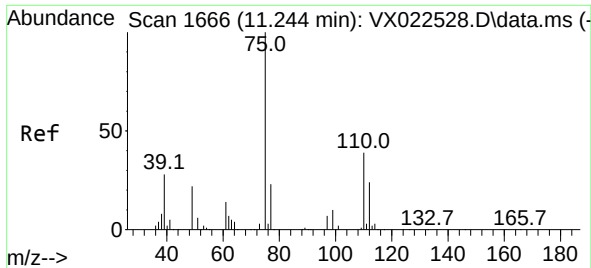
Tgt Ion:117 Resp: 108637
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022572.D
Acq: 08 Jun 2021 18:28

Tgt Ion:152 Resp: 42600
Ion Ratio Lower Upper
152 100
115 67.7 41.1 123.3
150 157.3 0.0 349.0

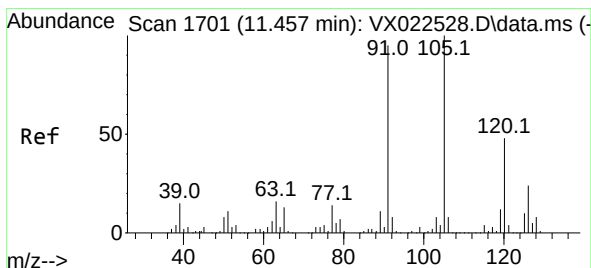
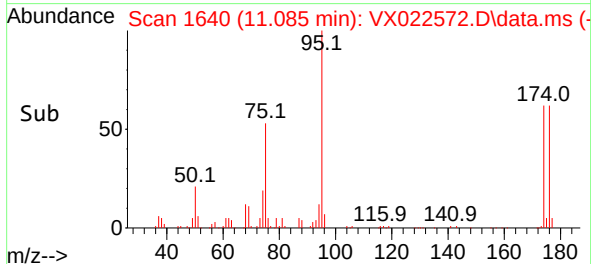
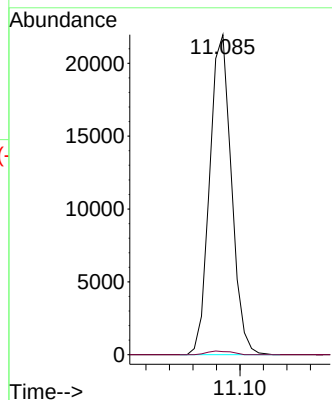
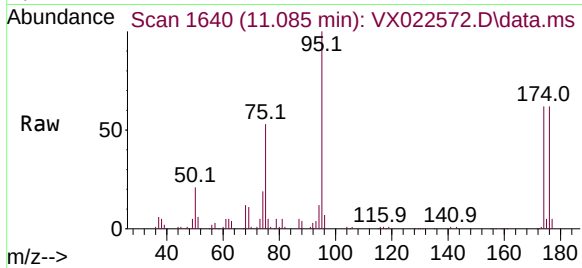




#76
1,2,3-Trichloropropane
Concen: 25.591 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022572.D
Acq: 08 Jun 2021 18:28

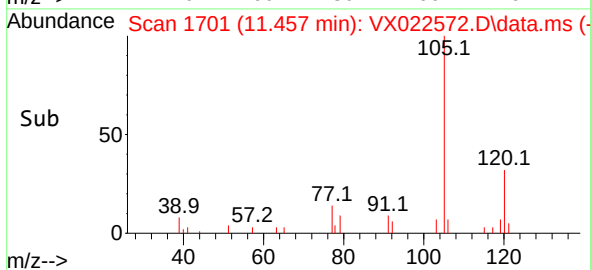
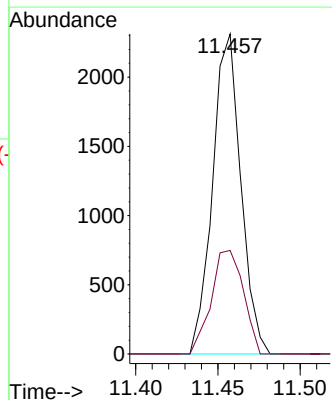
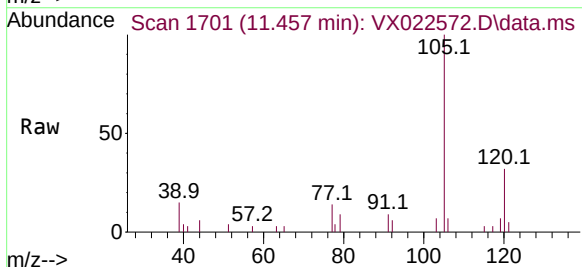
Instrument :
MSVOA_X
ClientSampled :

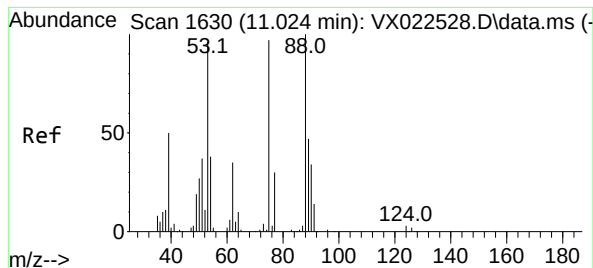
Tgt Ion: 75 Resp: 28242
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.931 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022572.D
Acq: 08 Jun 2021 18:28

Tgt Ion: 105 Resp: 2761
Ion Ratio Lower Upper
105 100
120 36.8 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 63.190 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.061 min

Lab File: VX022572.D

Acq: 08 Jun 2021 18:28

Tgt Ion: 75 Resp: 28242

Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.0 37.9 56.9#

Instrument :

MSVOA_X

ClientSampleId :

