

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
 Data File : VX026382.D
 Acq On : 06 Jan 2022 18:35
 Operator : JC/MD
 Sample : N1020-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 07 04:17:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

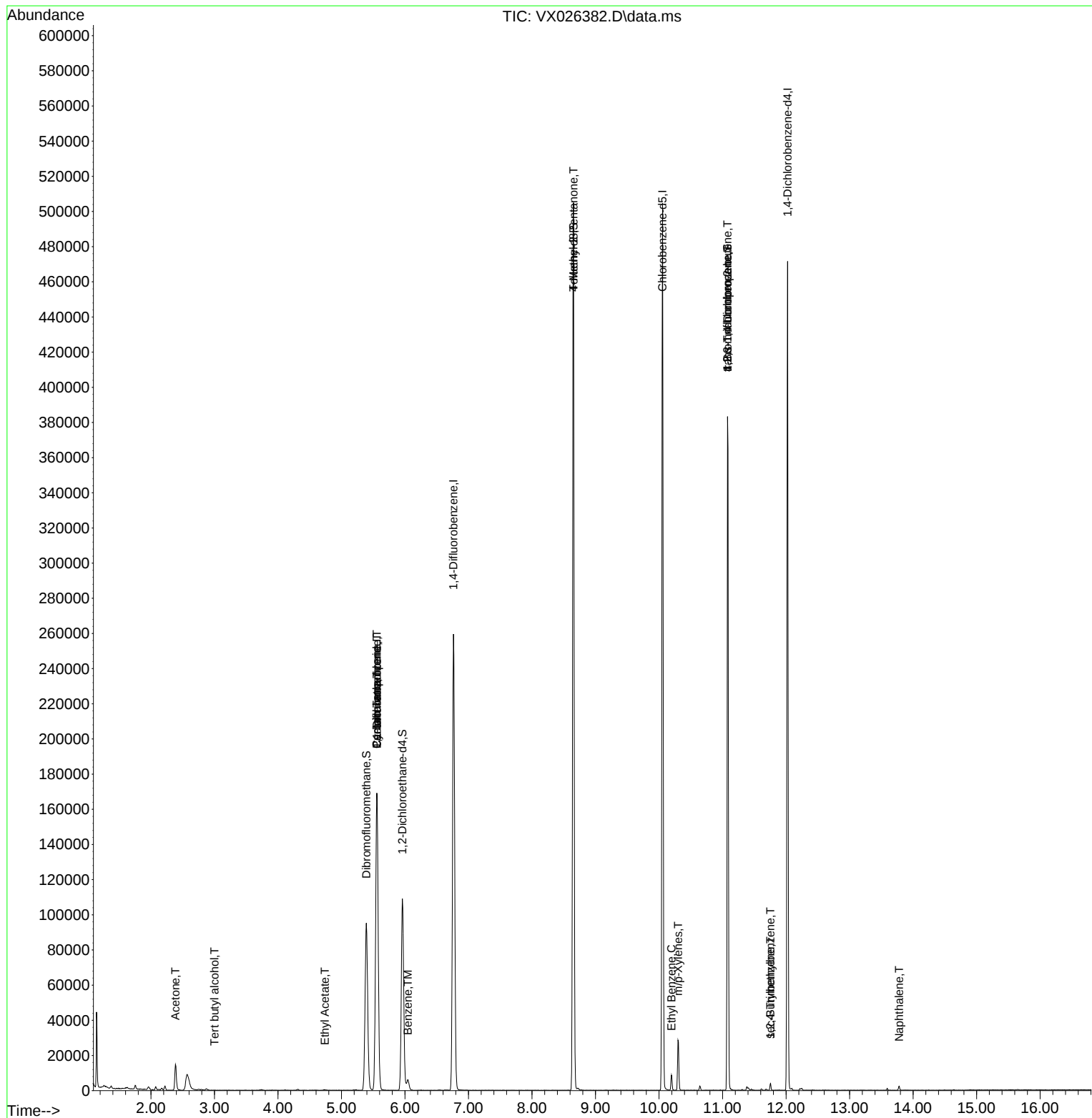
Internal Standards						
1) Pentafluorobenzene	5.556	168	153654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	257270	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	107826	48.506	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	97.020%	
35) Dibromofluoromethane	5.391	113	81898	48.965	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	97.920%	
50) Toluene-d8	8.653	98	295105	47.434	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	94.860%	
62) 4-Bromofluorobenzene	11.079	95	107129	48.371	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	96.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.001	59	115	0.259	ug/l #	73
16) Acetone	2.386	43	16789	13.940	ug/l	97
20) Methylene Chloride	2.794	84	187	Below Cal	#	45
31) Cyclohexane	5.556	56	3512	1.109	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12980	4.811	ug/l #	49
37) Ethyl Acetate	4.739	43	764	0.244	ug/l #	69
38) Carbon Tetrachloride	5.556	117	16842	5.612	ug/l #	15
40) Benzene	6.044	78	6787	0.882	ug/l	100
51) 4-Methyl-2-Pentanone	8.653	43	1349	0.425	ug/l #	1
67) Ethyl Benzene	10.195	91	4911	0.572	ug/l	96
68) m/p-Xylenes	10.299	106	6886	2.147	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	55083	24.754	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55083	71.615	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.756	105	1849	0.311	ug/l	99
85) sec-Butylbenzene	11.756	105	1849	0.257	ug/l #	56
95) Naphthalene	13.780	128	1897	0.266	ug/l	97

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

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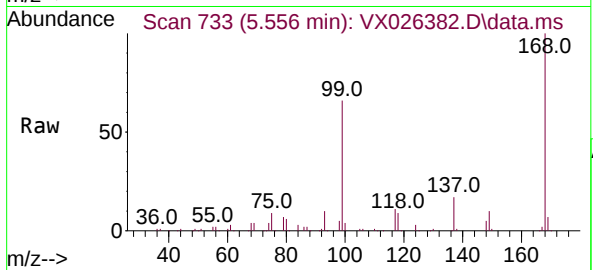
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
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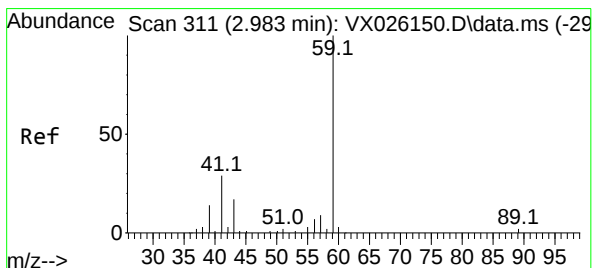
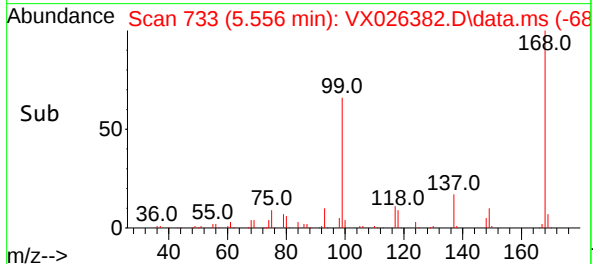
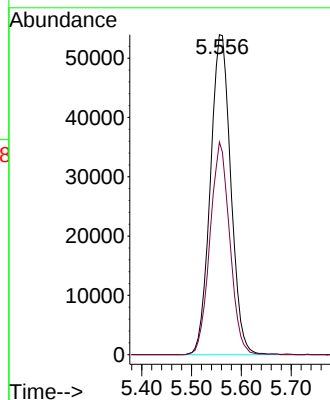


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX026382.D
Acq: 06 Jan 2022 18:35

Instrument :
MSVOA_X
ClientSampleId :

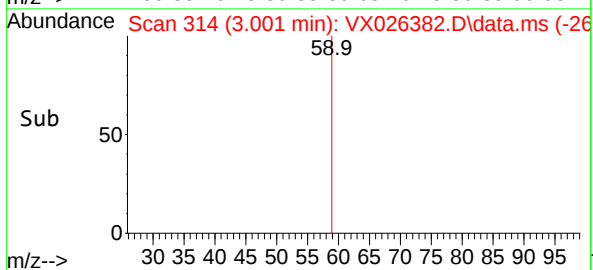
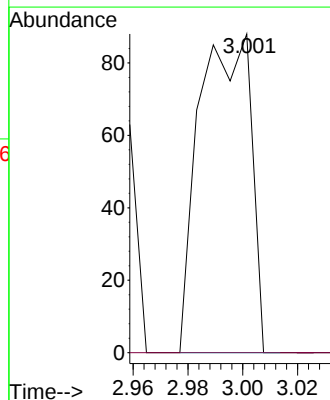
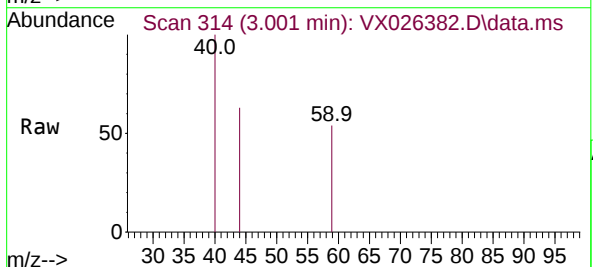


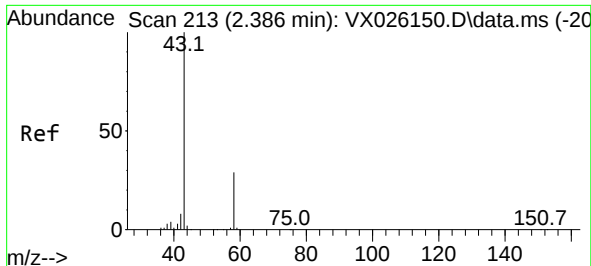
Tgt Ion:168 Resp: 153654
Ion Ratio Lower Upper
168 100
99 66.4 45.8 68.8



#11
Tert butyl alcohol
Concen: 0.259 ug/l
RT: 3.001 min Scan# 314
Delta R.T. 0.018 min
Lab File: VX026382.D
Acq: 06 Jan 2022 18:35

Tgt Ion: 59 Resp: 115
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

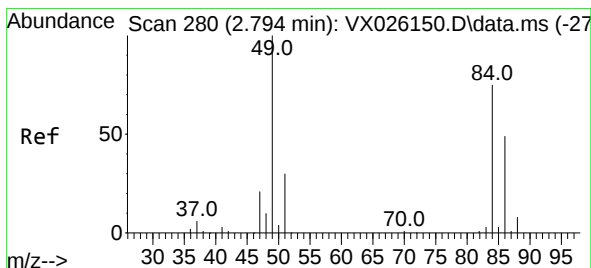
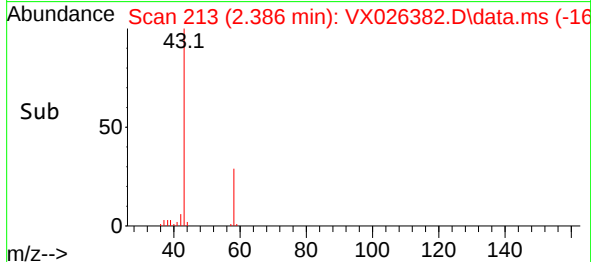
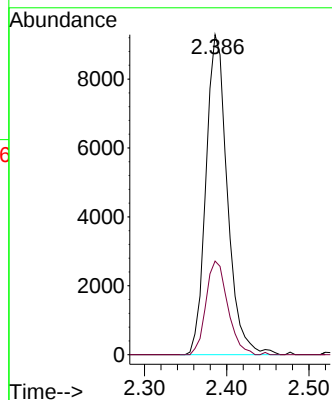
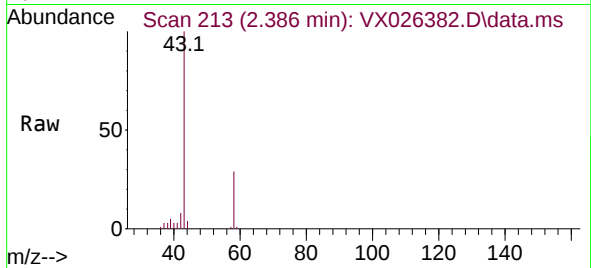




#16
Acetone
Concen: 13.940 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026382.D
Acq: 06 Jan 2022 18:35

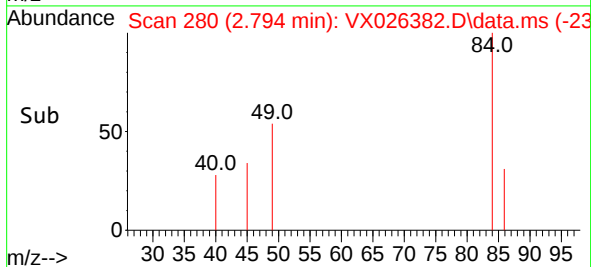
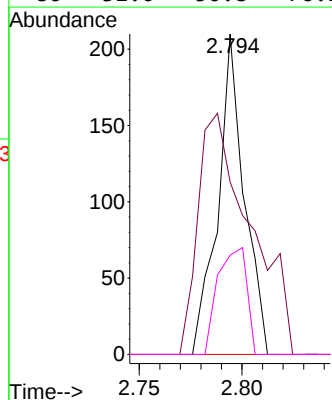
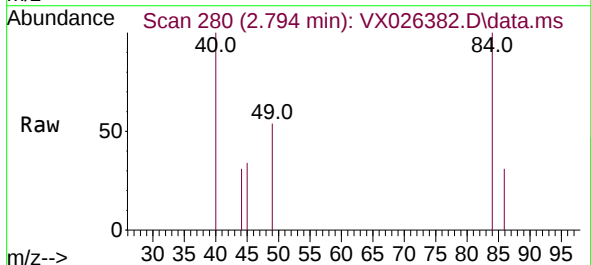
Instrument :
MSVOA_X
ClientSampleId :

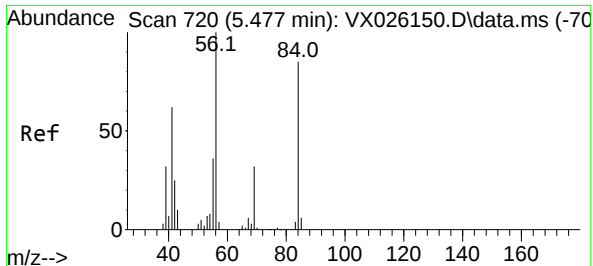
Tgt Ion: 43 Resp: 16789
Ion Ratio Lower Upper
43 100
58 29.3 24.8 37.2



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026382.D
Acq: 06 Jan 2022 18:35

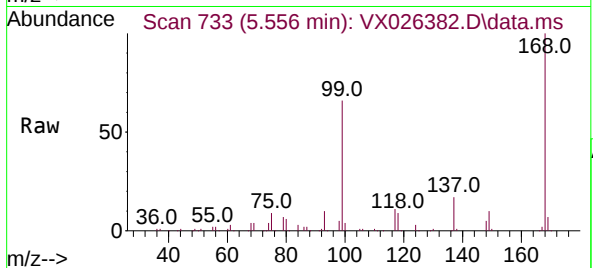
Tgt Ion: 84 Resp: 187
Ion Ratio Lower Upper
84 100
49 53.8 97.1 145.7#
51 0.0 29.3 43.9#
86 31.0 50.8 76.2#



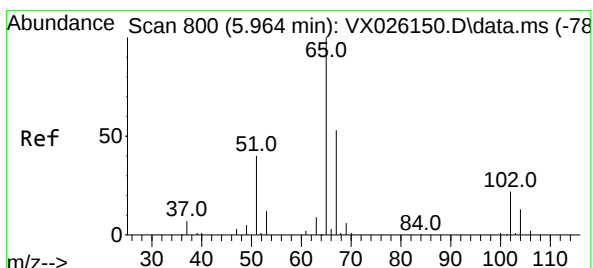
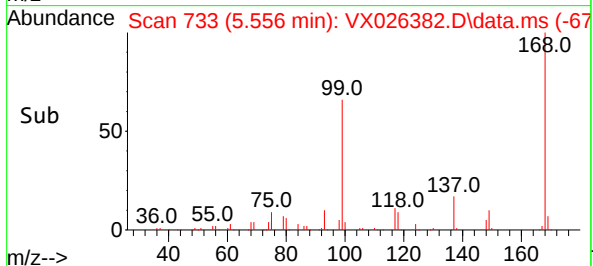
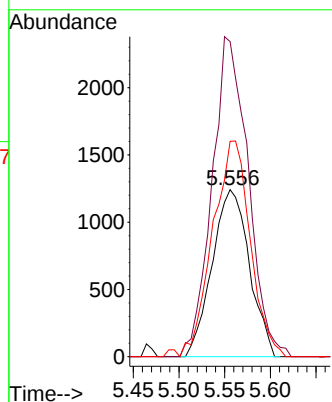


#31
Cyclohexane
Concen: 1.109 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX026382.D
Acq: 06 Jan 2022 18:35

Instrument :
MSVOA_X
ClientSampleId :

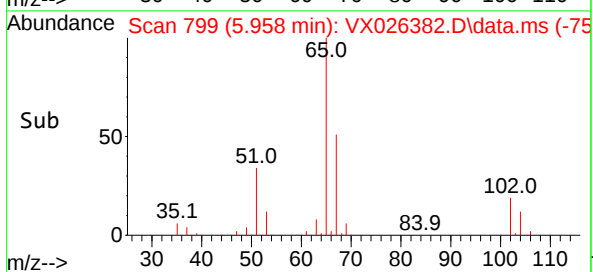
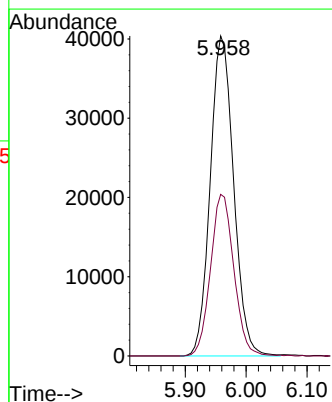
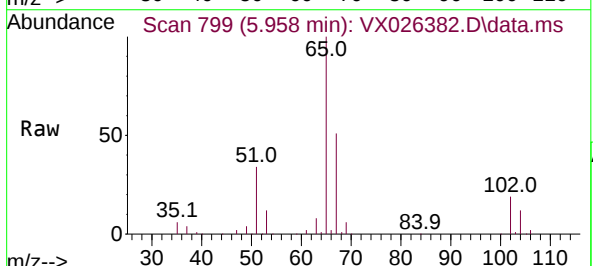


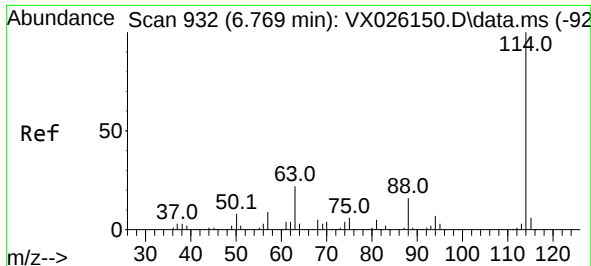
Tgt Ion: 56 Resp: 3512
Ion Ratio Lower Upper
56 100
69 188.6 23.9 35.9#
84 128.9 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 48.506 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026382.D
Acq: 06 Jan 2022 18:35

Tgt Ion: 65 Resp: 107826
Ion Ratio Lower Upper
65 100
67 50.2 0.0 103.4

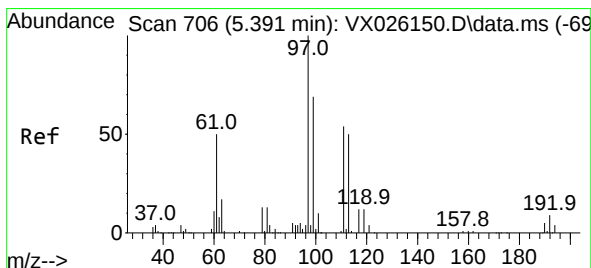
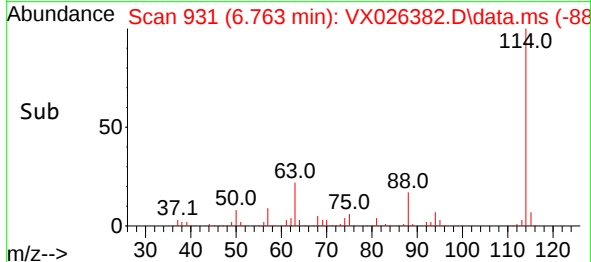
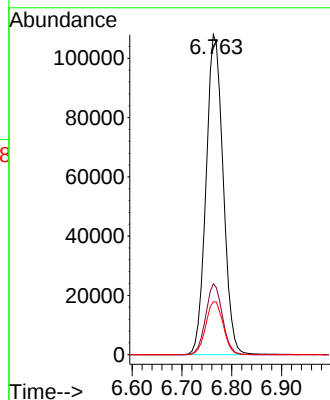
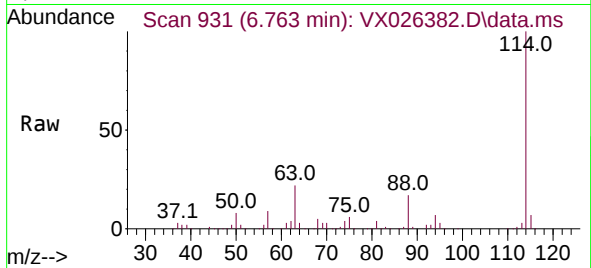




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026382.D
Acq: 06 Jan 2022 18:35

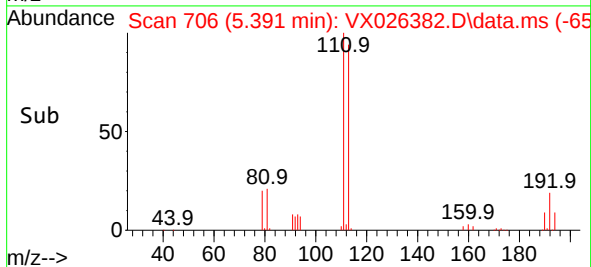
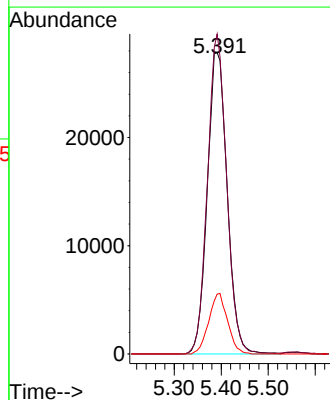
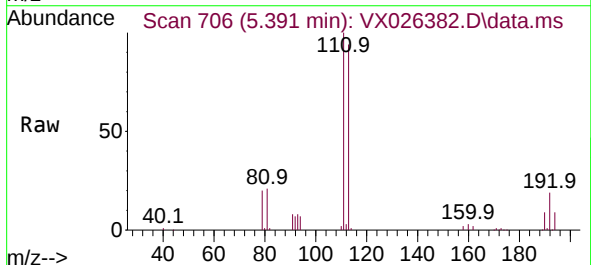
Instrument :
MSVOA_X
ClientSampleId :

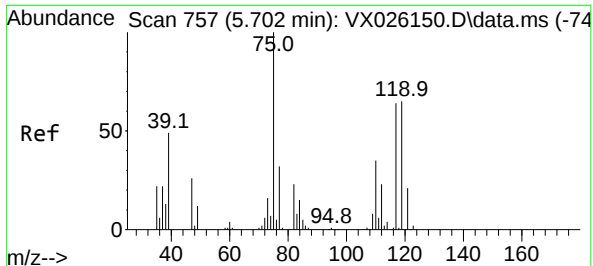
Tgt Ion:114 Resp: 257270
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.0
88 16.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.965 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026382.D
Acq: 06 Jan 2022 18:35

Tgt Ion:113 Resp: 81898
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.8
192 19.0 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.811 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.146 min

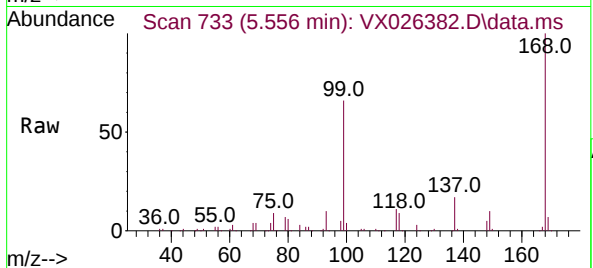
Lab File: VX026382.D

Acq: 06 Jan 2022 18:35

Instrument :

MSVOA_X

ClientSampleId :



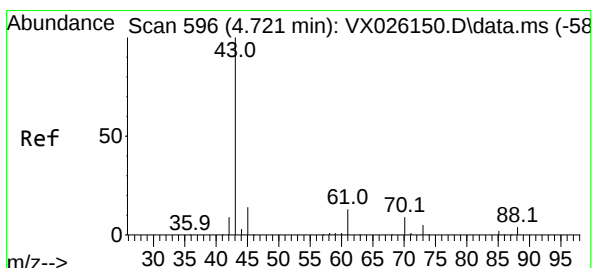
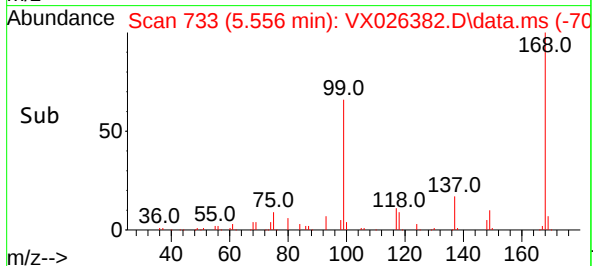
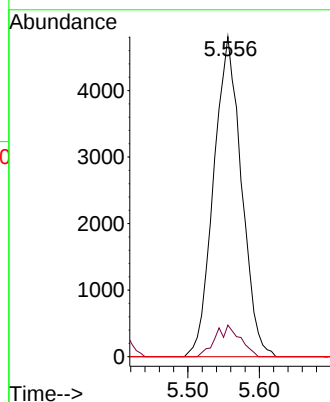
Tgt Ion: 75 Resp: 12980

Ion Ratio Lower Upper

75 100

110 8.8 18.2 54.6#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 0.244 ug/l

RT: 4.739 min Scan# 599

Delta R.T. 0.018 min

Lab File: VX026382.D

Acq: 06 Jan 2022 18:35

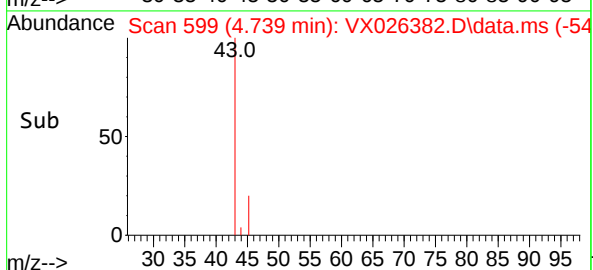
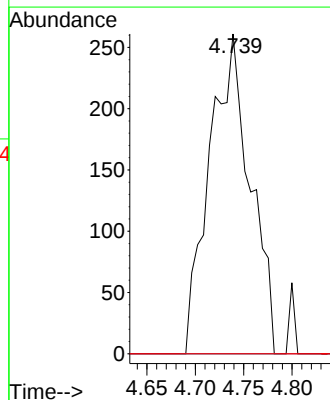
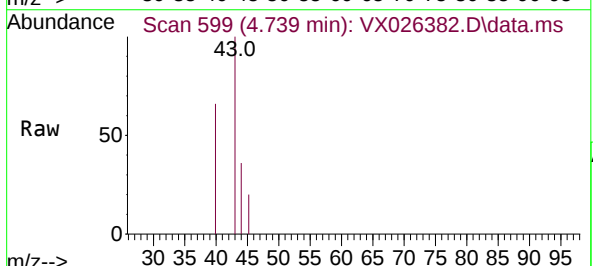
Tgt Ion: 43 Resp: 764

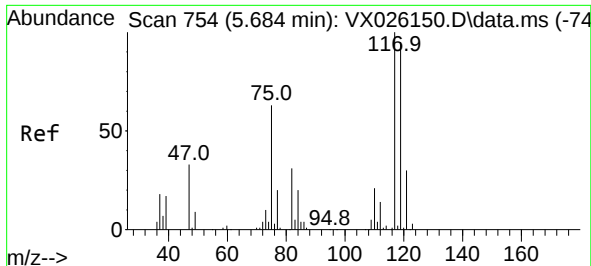
Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

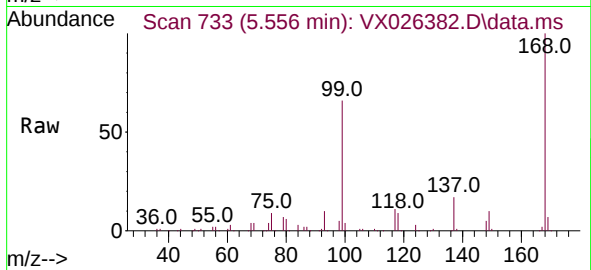
70 0.0 8.5 12.7#



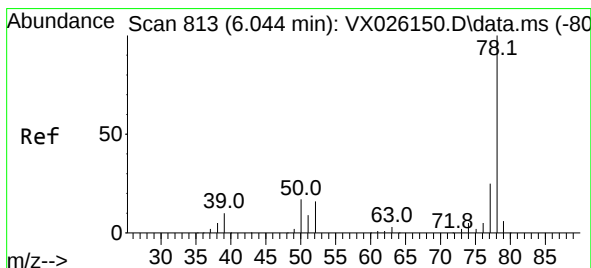
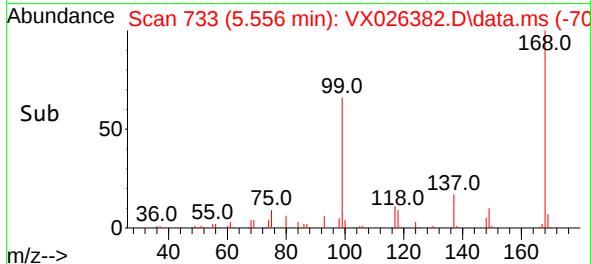
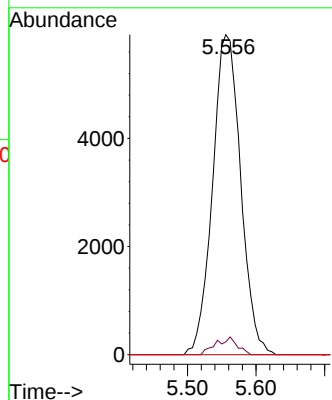


#38
Carbon Tetrachloride
Concen: 5.612 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026382.D
Acq: 06 Jan 2022 18:35

Instrument :
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ClientSampleId :

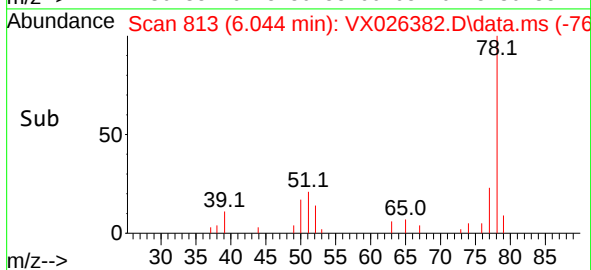
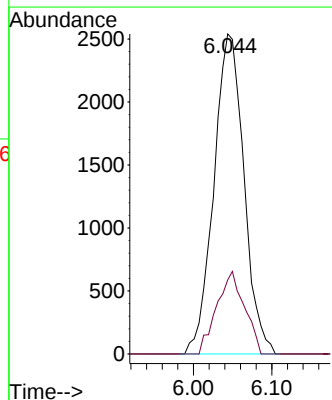
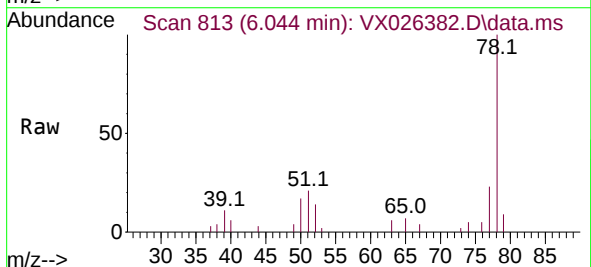


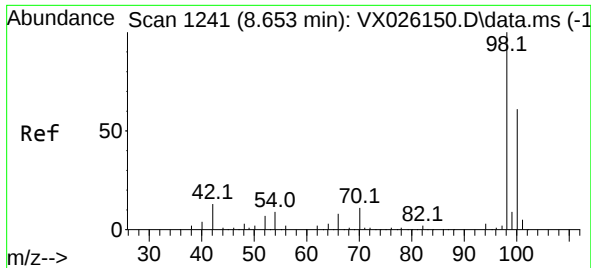
Tgt Ion:117 Resp: 16842
Ion Ratio Lower Upper
117 100
119 4.0 77.2 115.8#
121 0.0 23.8 35.8#



#40
Benzene
Concen: 0.882 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX026382.D
Acq: 06 Jan 2022 18:35

Tgt Ion: 78 Resp: 6787
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8

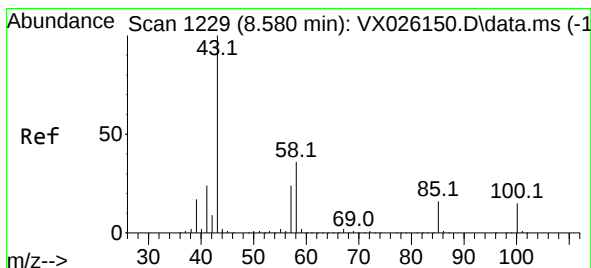
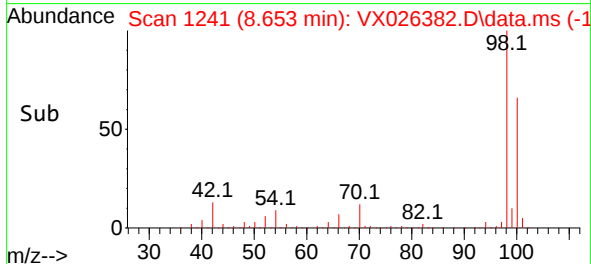
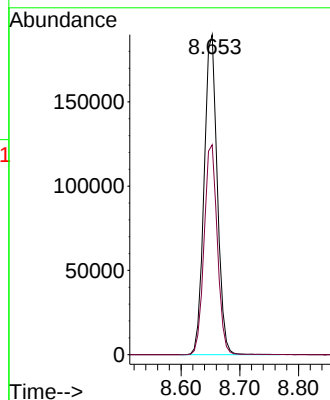
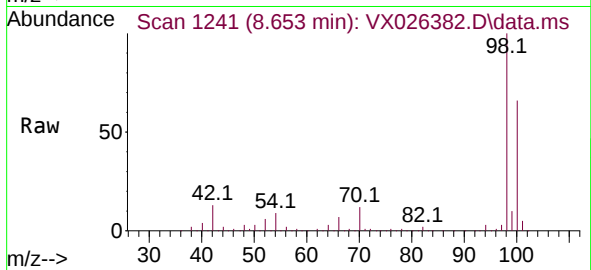




#50
Toluene-d8
Concen: 47.434 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026382.D
Acq: 06 Jan 2022 18:35

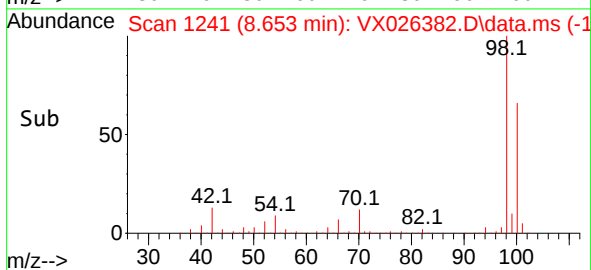
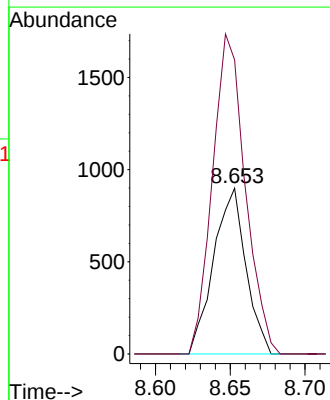
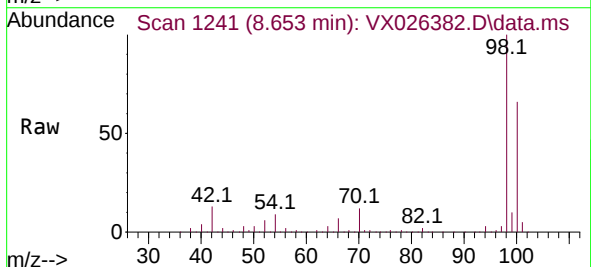
Instrument :
MSVOA_X
ClientSampleId :

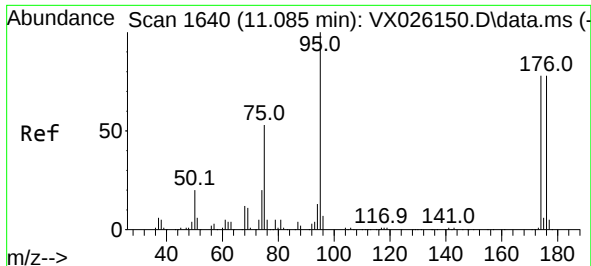
Tgt Ion: 98 Resp: 295105
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.425 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX026382.D
Acq: 06 Jan 2022 18:35

Tgt Ion: 43 Resp: 1349
Ion Ratio Lower Upper
43 100
58 195.9 30.8 46.2#





#62

4-Bromofluorobenzene

Concen: 48.371 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX026382.D

Acq: 06 Jan 2022 18:35

Instrument :

MSVOA_X

ClientSampleId :

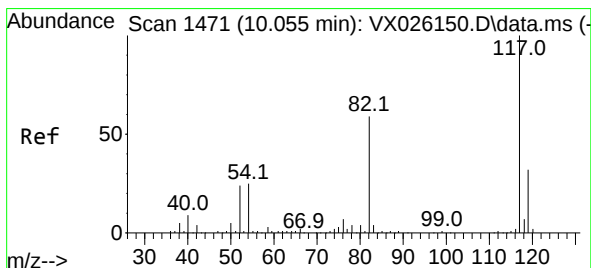
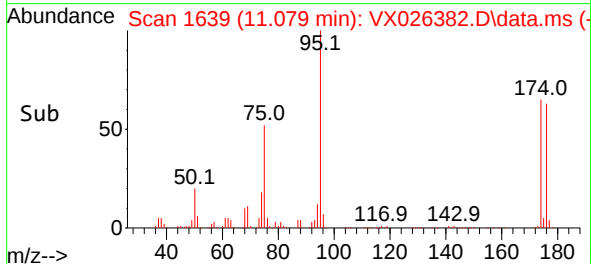
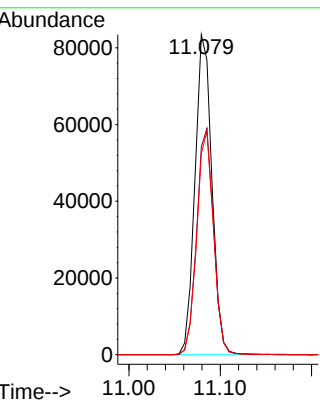
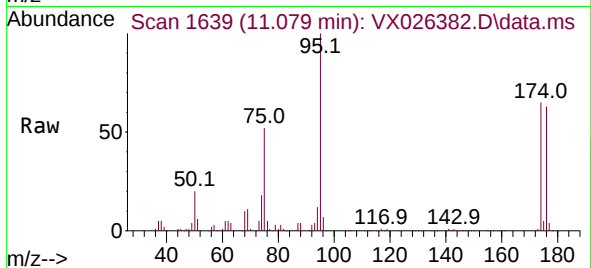
Tgt Ion: 95 Resp: 107129

Ion Ratio Lower Upper

95 100

174 70.7 0.0 157.4

176 69.0 0.0 154.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX026382.D

Acq: 06 Jan 2022 18:35

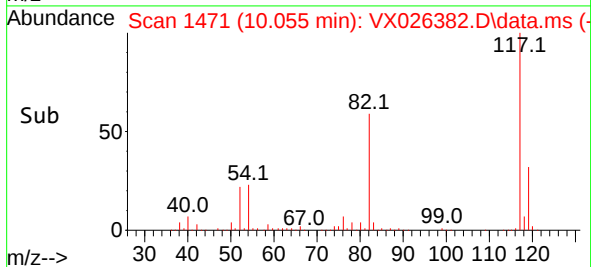
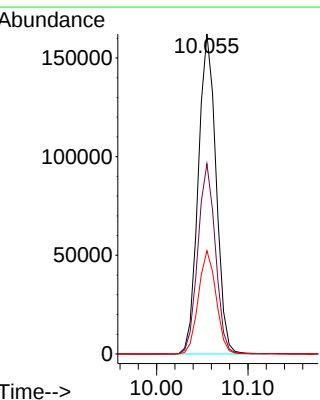
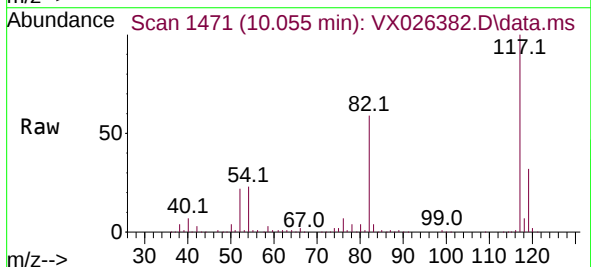
Tgt Ion: 117 Resp: 218711

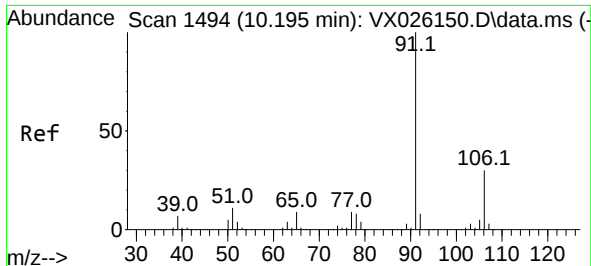
Ion Ratio Lower Upper

117 100

82 59.4 43.8 65.6

119 32.2 25.2 37.8





#67

Ethyl Benzene

Concen: 0.572 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX026382.D

Acq: 06 Jan 2022 18:35

Instrument :

MSVOA_X

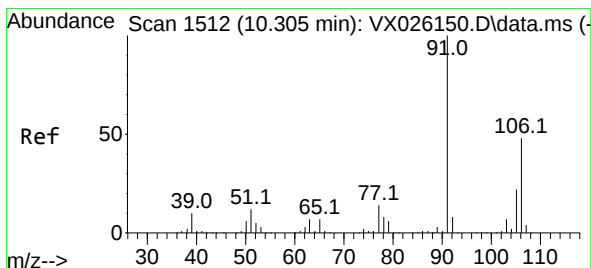
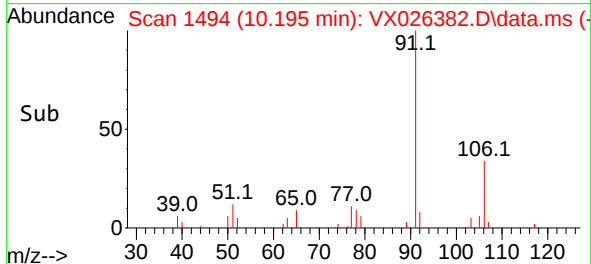
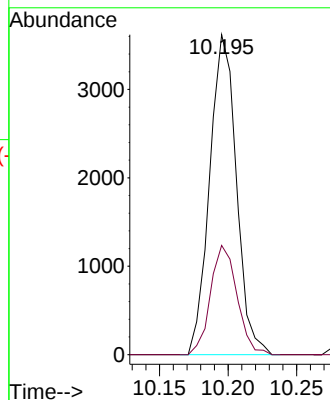
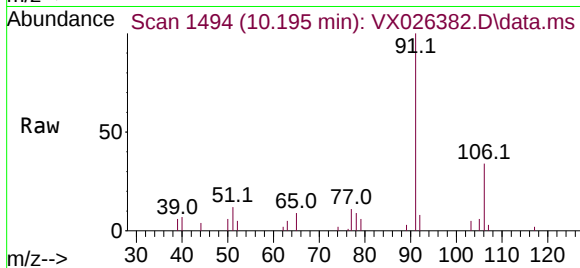
ClientSampleId :

Tgt Ion: 91 Resp: 4911

Ion Ratio Lower Upper

91 100

106 34.1 25.7 38.5



#68

m/p-Xylenes

Concen: 2.147 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX026382.D

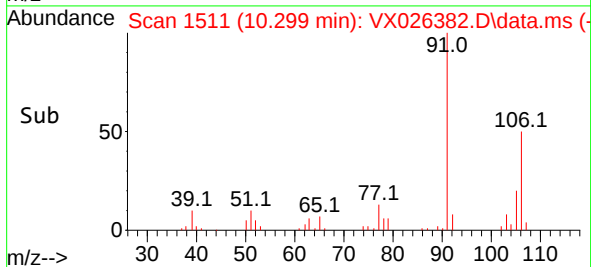
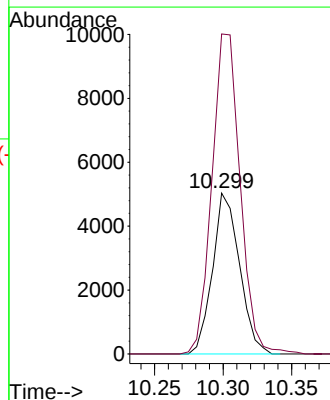
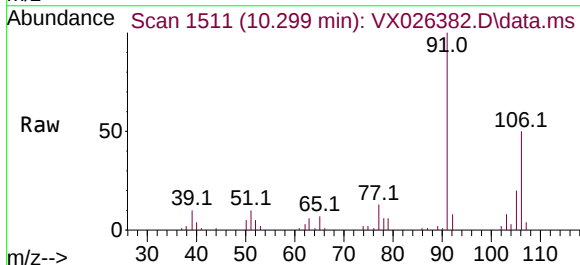
Acq: 06 Jan 2022 18:35

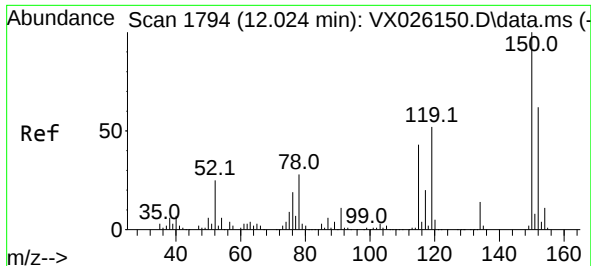
Tgt Ion: 106 Resp: 6886

Ion Ratio Lower Upper

106 100

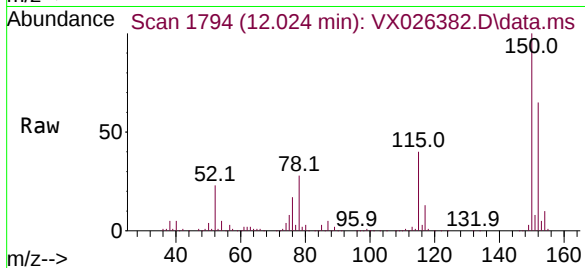
91 208.3 158.6 238.0



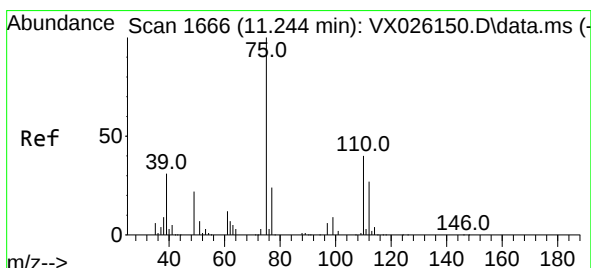
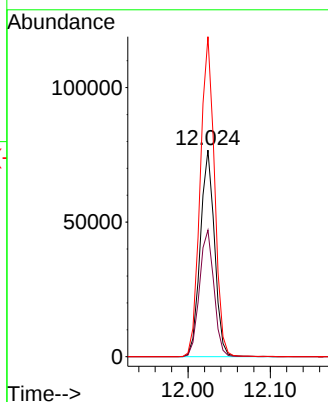
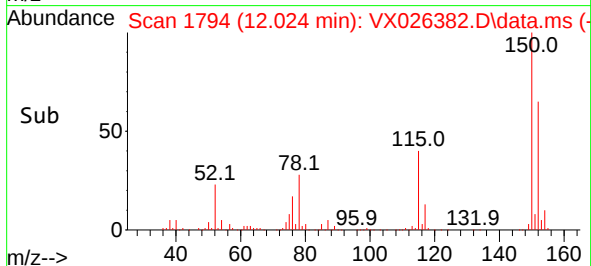


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026382.D
Acq: 06 Jan 2022 18:35

Instrument :
MSVOA_X
ClientSampleId :

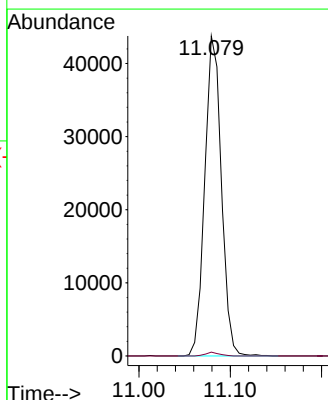
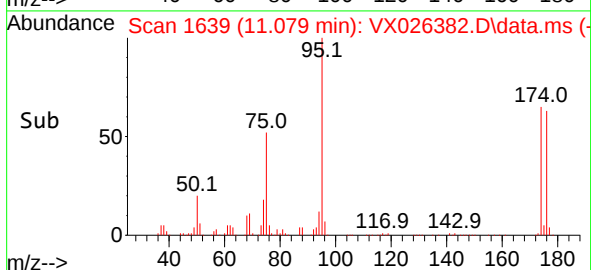
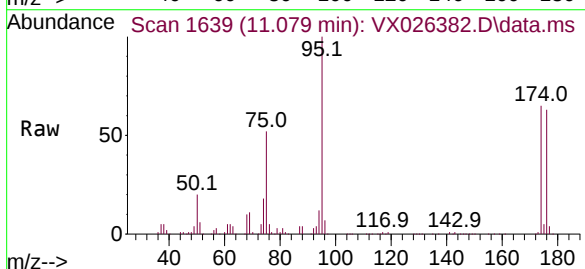


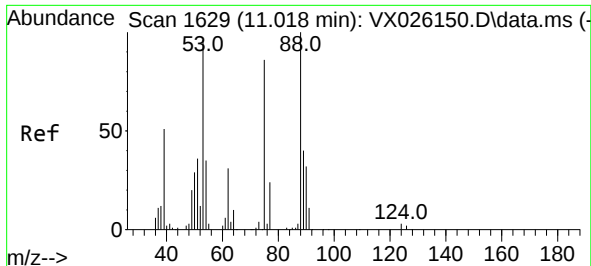
Tgt Ion:152 Resp: 92187
Ion Ratio Lower Upper
152 100
115 62.3 41.3 123.9
150 156.2 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 24.754 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026382.D
Acq: 06 Jan 2022 18:35

Tgt Ion: 75 Resp: 55083
Ion Ratio Lower Upper
75 100
77 1.0 19.0 57.0#

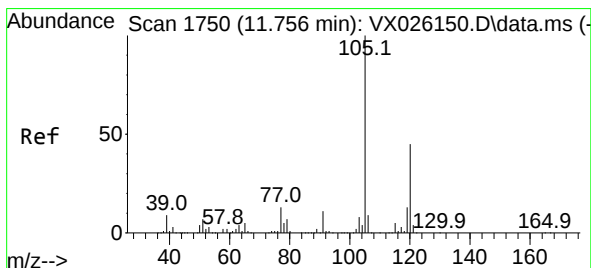
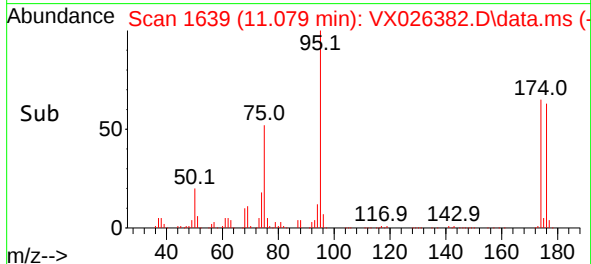
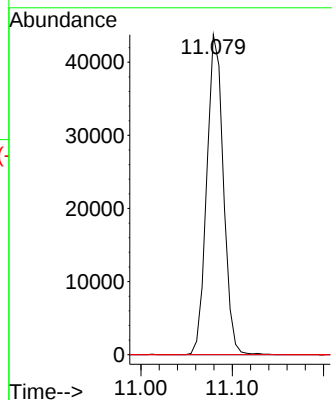
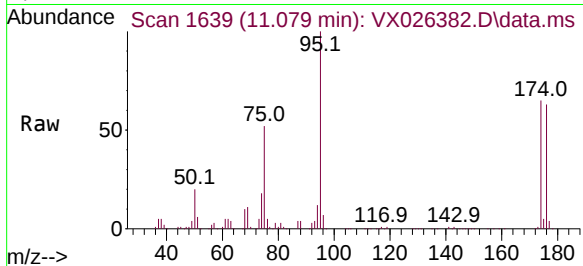




#81
trans-1,4-Dichloro-2-butene
Concen: 71.615 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX026382.D
Acq: 06 Jan 2022 18:35

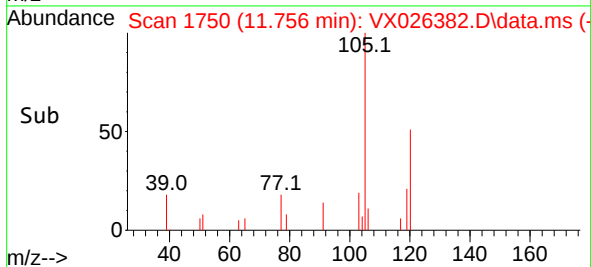
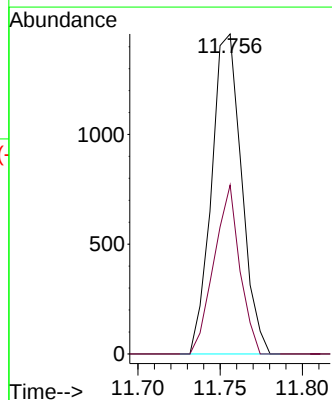
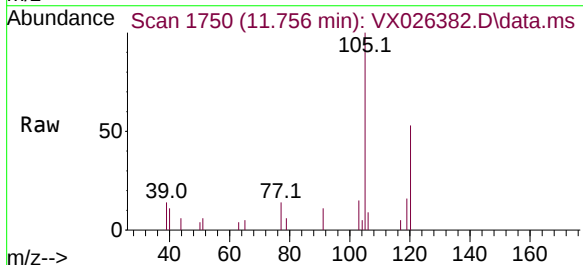
Instrument :
MSVOA_X
ClientSampleId :

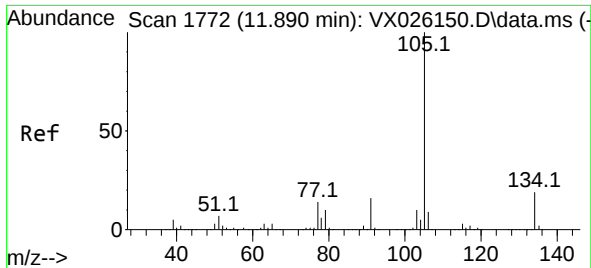
Tgt Ion: 75 Resp: 55083
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#



#84
1,2,4-Trimethylbenzene
Concen: 0.311 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX026382.D
Acq: 06 Jan 2022 18:35

Tgt Ion: 105 Resp: 1849
Ion Ratio Lower Upper
105 100
120 45.3 22.9 68.7

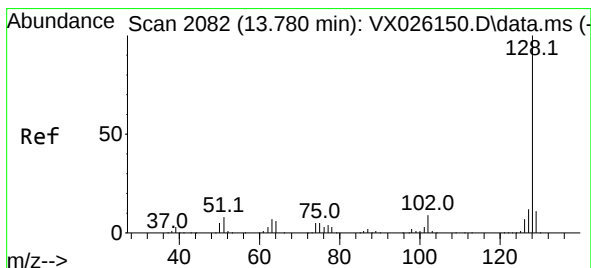
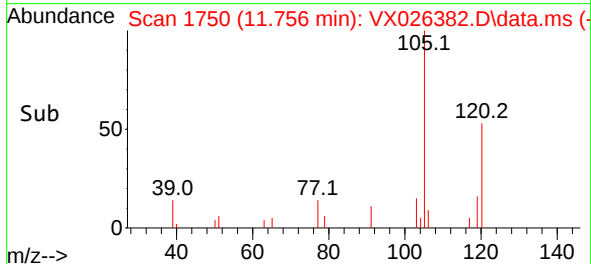
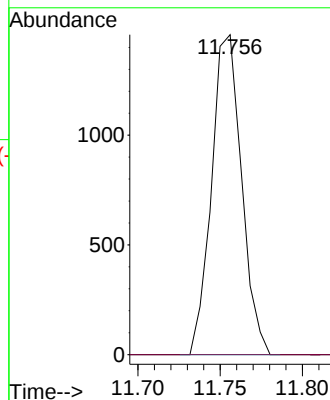
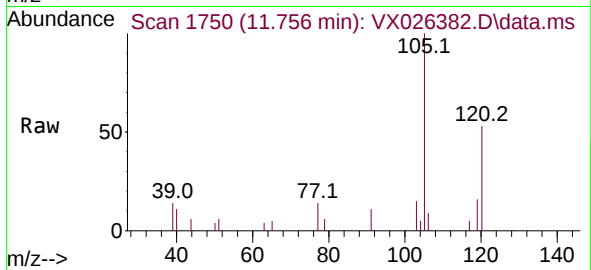




#85
 sec-Butylbenzene
 Concen: 0.257 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. -0.134 min
 Lab File: VX026382.D
 Acq: 06 Jan 2022 18:35

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:105 Resp: 1849
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#95
 Naphthalene
 Concen: 0.266 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VX026382.D
 Acq: 06 Jan 2022 18:35

Tgt Ion:128 Resp: 1897
 Ion Ratio Lower Upper
 128 100
 127 12.0 10.3 15.5
 129 9.6 8.8 13.2

