

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082322\
 Data File : VX030738.D
 Acq On : 23 Aug 2022 17:38
 Operator : JC/MD
 Sample : N4245-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D2-20220816

Quant Time: Sep 06 02:56:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 24 16:33:27 2022
 Response via : Initial Calibration

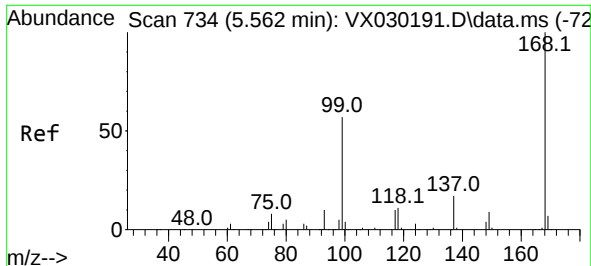
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	122313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	272559	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	150326	61.147	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.300%			
35) Dibromofluoromethane	5.385	113	140087	53.765	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.540%			
50) Toluene-d8	8.653	98	503628	49.912	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.820%			
62) 4-Bromofluorobenzene	11.085	95	161953	43.248	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.500%			
Target Compounds						
5) Bromomethane	1.611	94	247	Below Cal	Qvalue 90	
11) Tert butyl alcohol	2.971	59	351	0.585 ug/l #	74	
16) Acetone	2.392	43	964	0.766 ug/l	91	
20) Methylene Chloride	2.794	84	463	Below Cal #	53	
31) Cyclohexane	5.556	56	2475	0.693 ug/l #	1	
36) 1,1-Dichloropropene	5.556	75	9569	2.552 ug/l #	50	
38) Carbon Tetrachloride	5.556	117	13131	3.751 ug/l #	18	
44) Trichloroethene	7.135	130	914	0.284 ug/l	93	
51) 4-Methyl-2-Pentanone	8.653	43	1610	0.305 ug/l #	1	
67) Ethyl Benzene	10.195	91	81	Below Cal #	43	
76) 1,2,3-Trichloropropane	11.085	75	76883	34.661 ug/l #	38	
81) trans-1,4-Dichloro-2-b...	11.085	75	76883	103.981 ug/l #	13	

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

Quant Time: Sep 06 02:56:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 24 16:33:27 2022
Response via : Initial Calibration

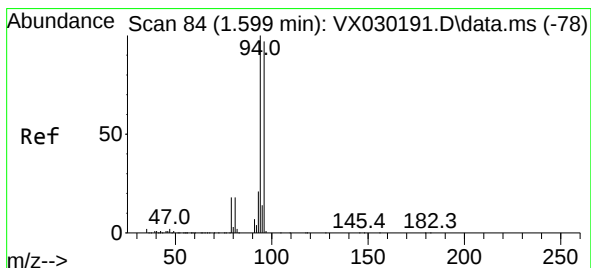
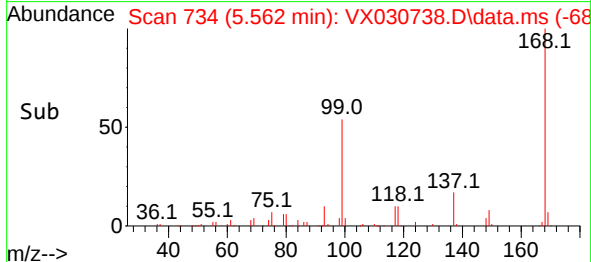
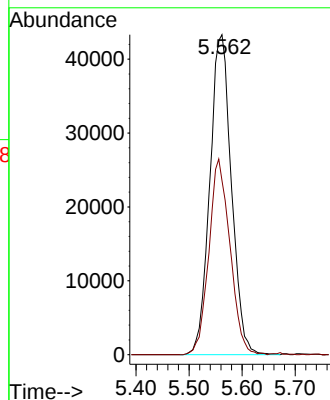
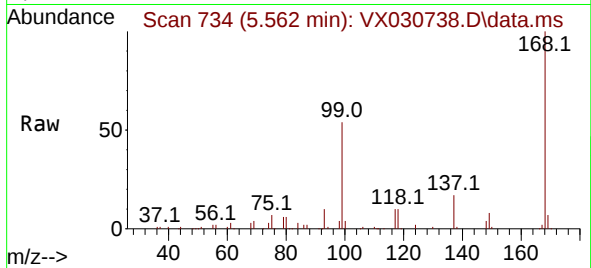




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030738.D
Acq: 23 Aug 2022 17:38

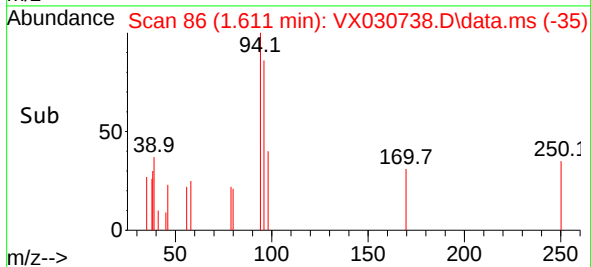
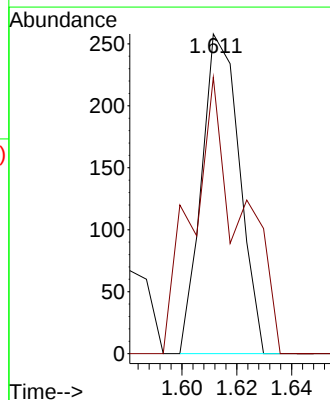
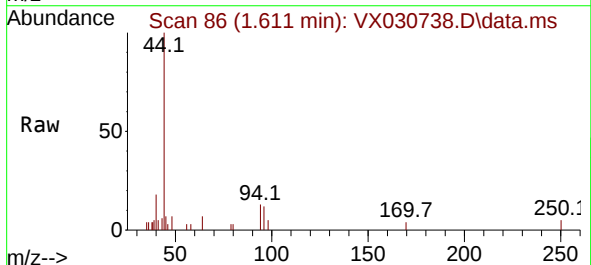
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20220816

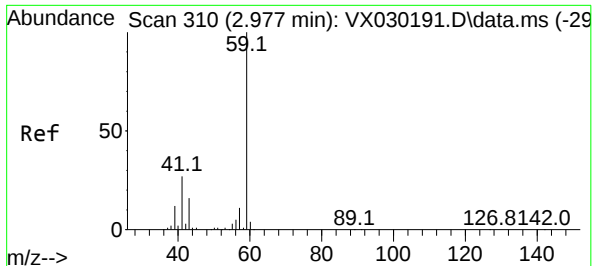
Tgt Ion:168 Resp: 122313
Ion Ratio Lower Upper
168 100
99 54.4 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX030738.D
Acq: 23 Aug 2022 17:38

Tgt Ion: 94 Resp: 247
Ion Ratio Lower Upper
94 100
96 86.4 76.9 115.3

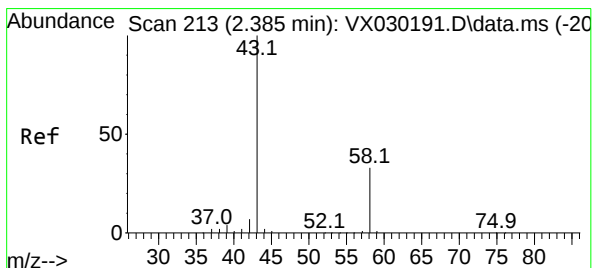
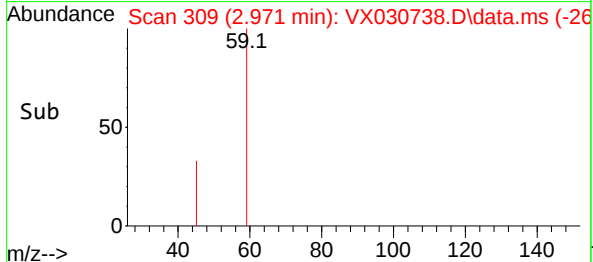
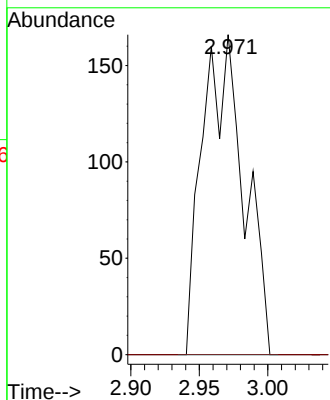
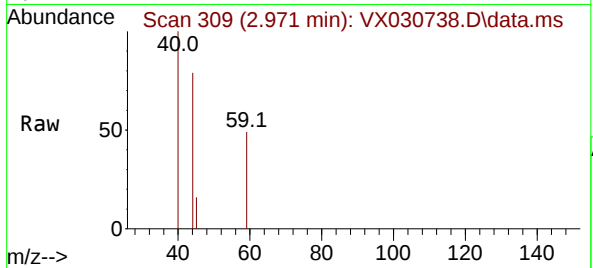




#11
Tert butyl alcohol
Concen: 0.585 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX030738.D
Acq: 23 Aug 2022 17:38

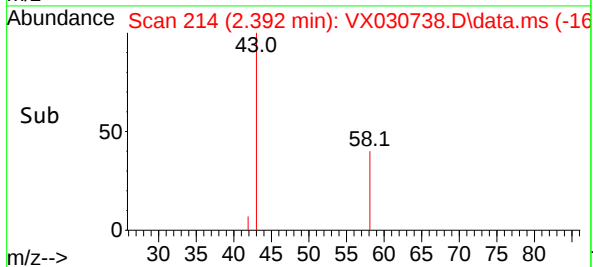
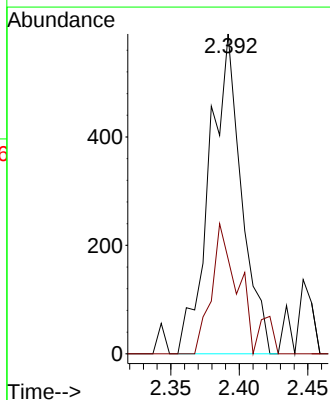
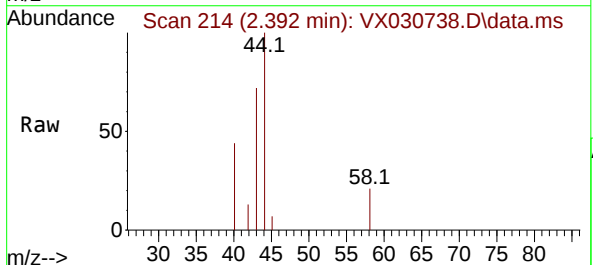
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20220816

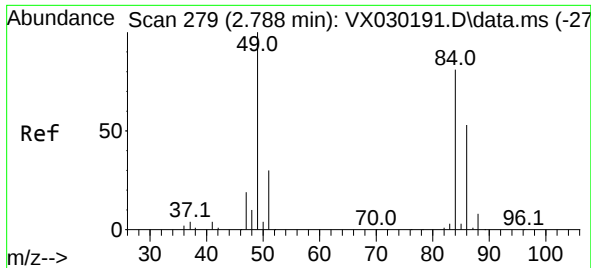
Tgt Ion: 59 Resp: 351
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 0.766 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.007 min
Lab File: VX030738.D
Acq: 23 Aug 2022 17:38

Tgt Ion: 43 Resp: 964
Ion Ratio Lower Upper
43 100
58 29.7 27.7 41.5

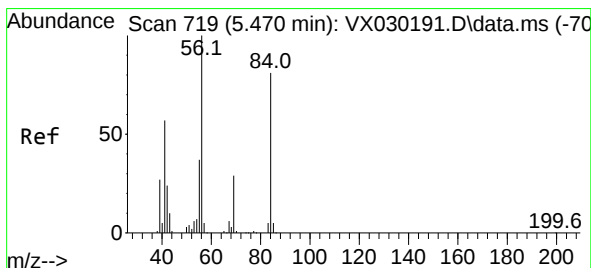
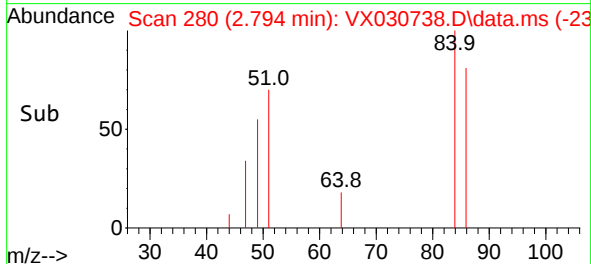
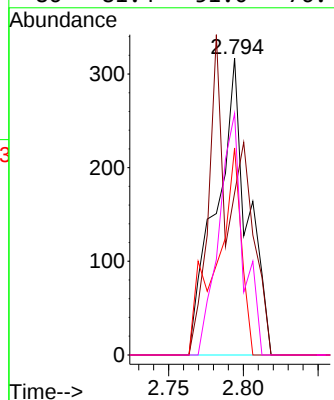
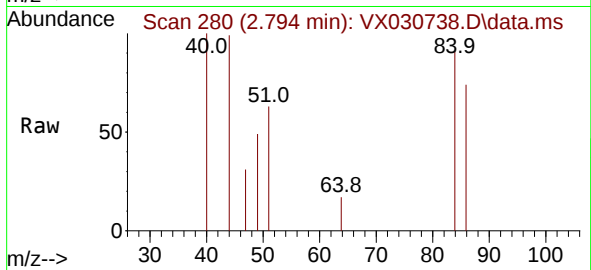




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030738.D
Acq: 23 Aug 2022 17:38

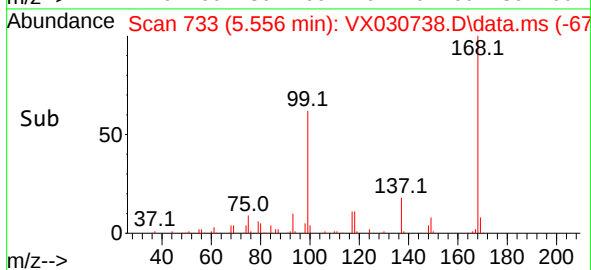
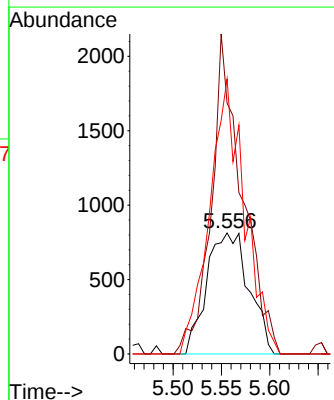
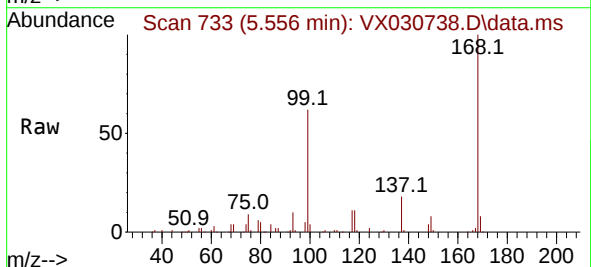
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20220816

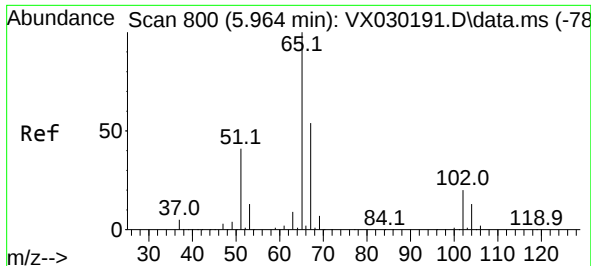
Tgt Ion: 84	Resp: 463
Ion Ratio	Lower Upper
84 100	
49 54.6	93.8 140.6#
51 69.7	29.4 44.0#
86 81.4	51.0 76.4#



#31
Cyclohexane
Concen: 0.693 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX030738.D
Acq: 23 Aug 2022 17:38

Tgt Ion: 56	Resp: 2475		
Ion Ratio	Lower	Upper	
56	100		
69	207.6	25.4	38.0#
84	227.6	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 61.147 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX030738.D

Acq: 23 Aug 2022 17:38

Instrument :

MSVOA_X

ClientSampleId :

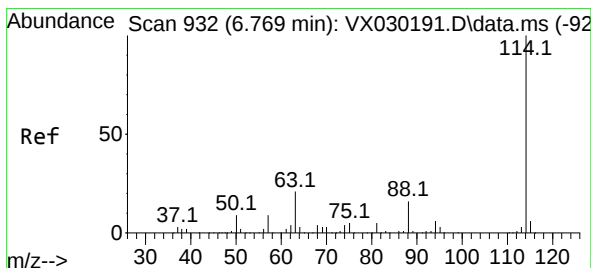
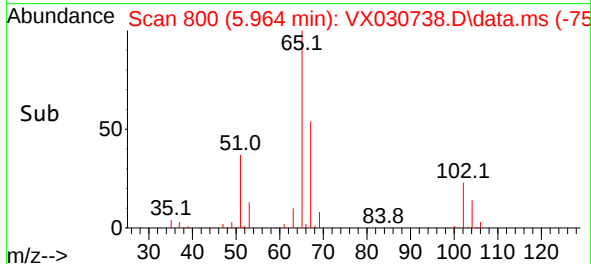
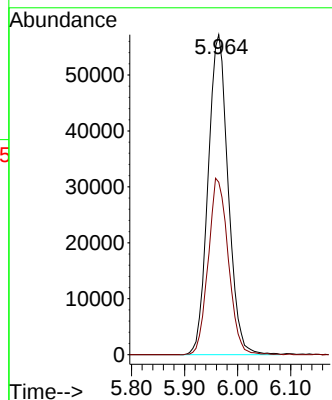
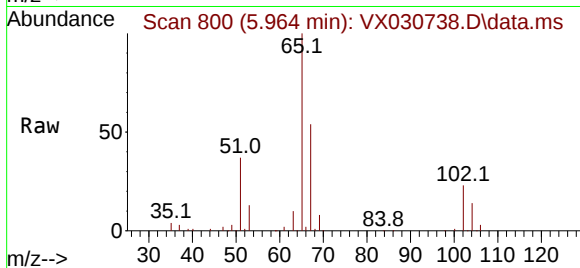
RE117D2-20220816

Tgt Ion: 65 Resp: 150326

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030738.D

Acq: 23 Aug 2022 17:38

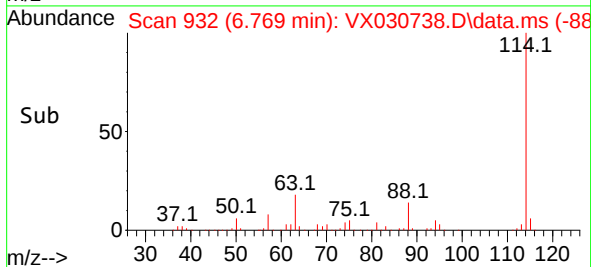
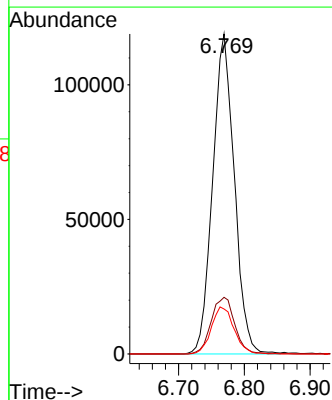
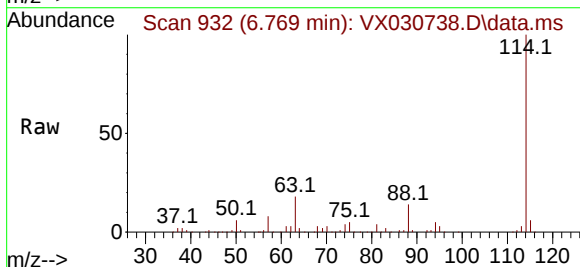
Tgt Ion: 114 Resp: 272559

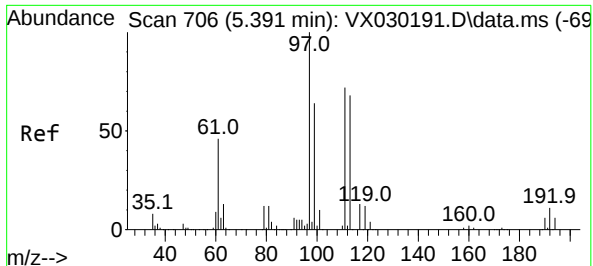
Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.4

88 14.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.765 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX030738.D

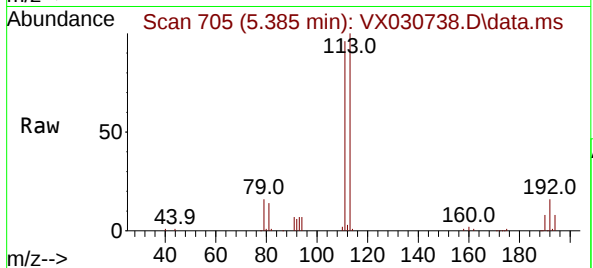
Acq: 23 Aug 2022 17:38

Instrument :

MSVOA_X

ClientSampleId :

RE117D2-20220816



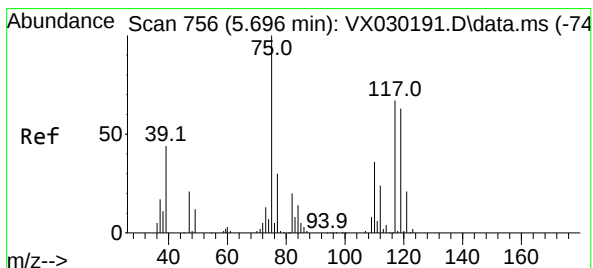
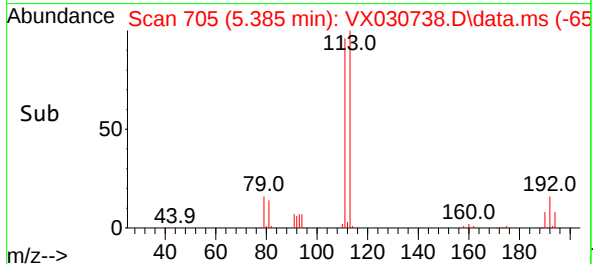
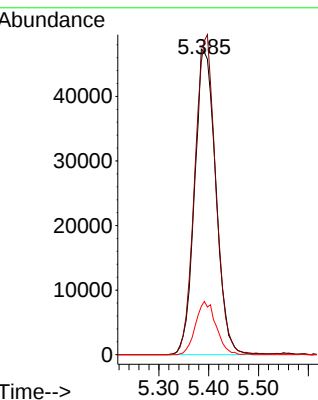
Tgt Ion:113 Resp: 140087

Ion Ratio Lower Upper

113 100

111 103.0 83.2 124.8

192 16.8 14.8 22.2



#36

1,1-Dichloropropene

Concen: 2.552 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX030738.D

Acq: 23 Aug 2022 17:38

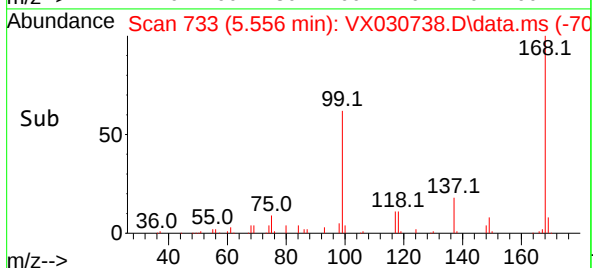
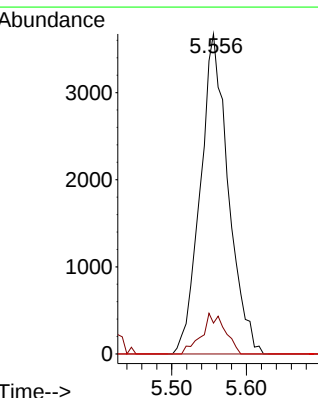
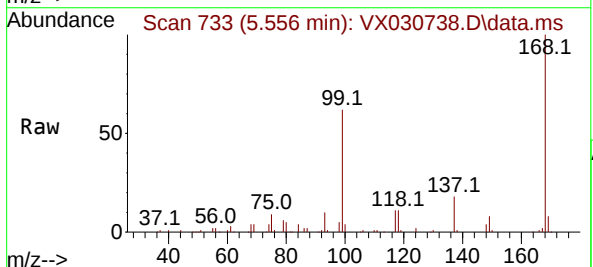
Tgt Ion: 75 Resp: 9569

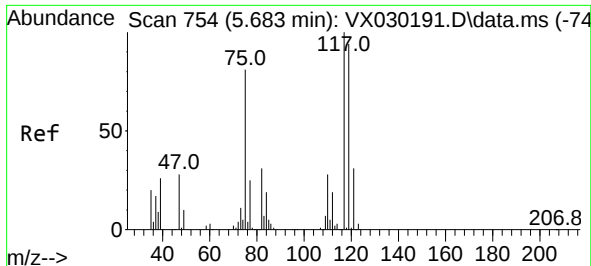
Ion Ratio Lower Upper

75 100

110 10.6 19.3 57.9#

77 0.0 24.4 36.6#

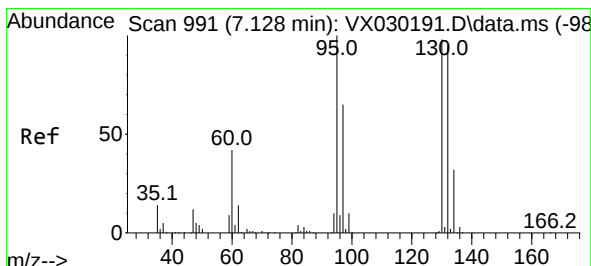
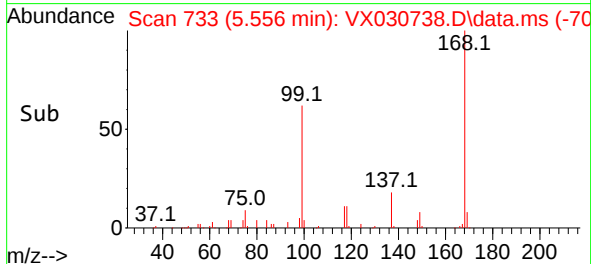
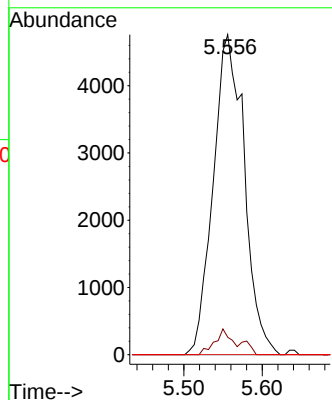
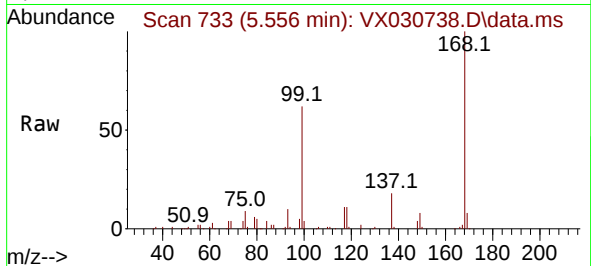




#38
Carbon Tetrachloride
Concen: 3.751 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX030738.D
Acq: 23 Aug 2022 17:38

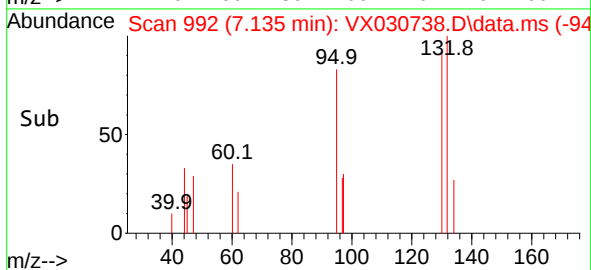
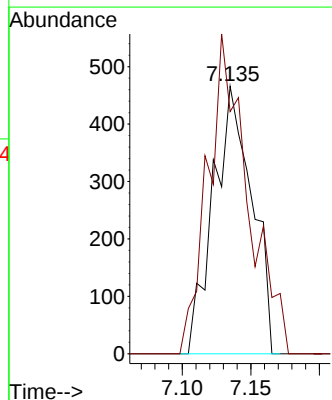
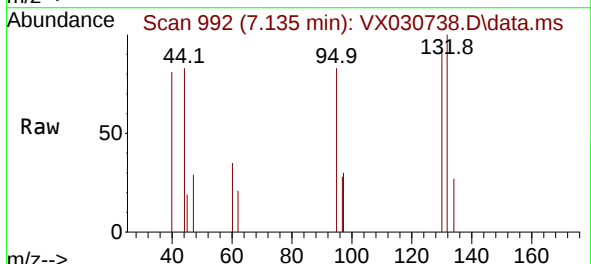
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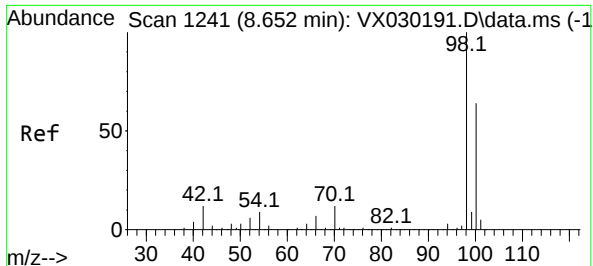
Tgt Ion:117 Resp: 13131
Ion Ratio Lower Upper
117 100
119 5.5 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.284 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.007 min
Lab File: VX030738.D
Acq: 23 Aug 2022 17:38

Tgt Ion:130 Resp: 914
Ion Ratio Lower Upper
130 100
95 90.6 0.0 194.8





#50

Toluene-d8

Concen: 49.912 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.001 min

Lab File: VX030738.D

Acq: 23 Aug 2022 17:38

Instrument :

MSVOA_X

ClientSampleId :

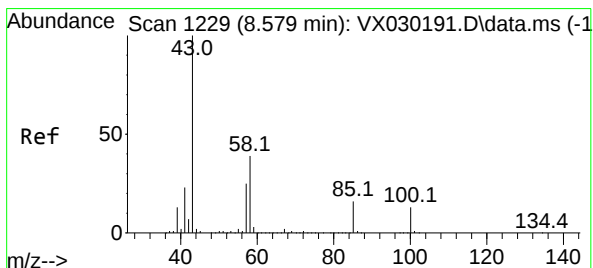
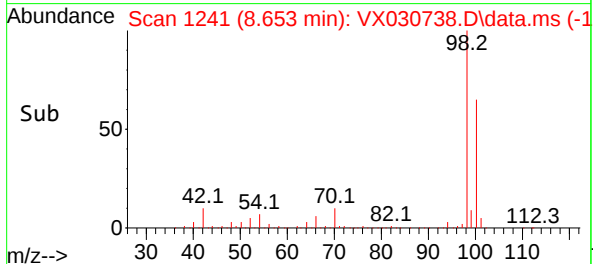
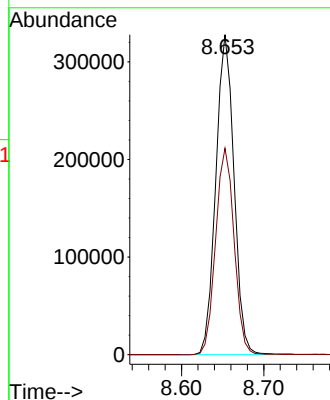
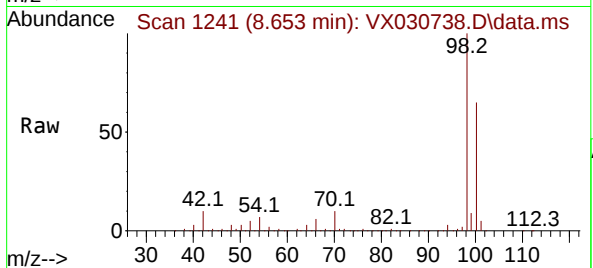
RE117D2-20220816

Tgt Ion: 98 Resp: 503628

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 0.305 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.074 min

Lab File: VX030738.D

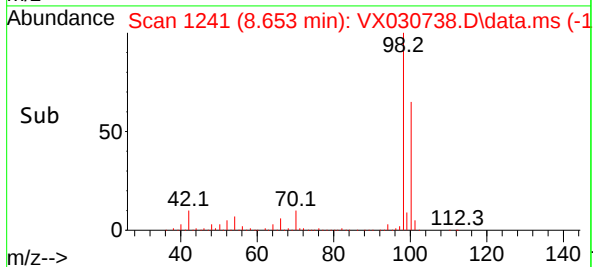
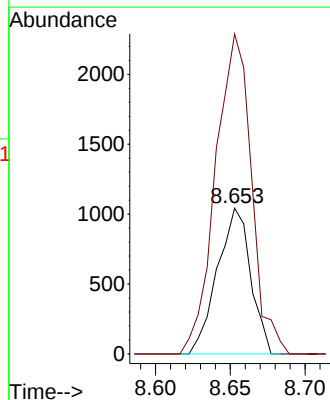
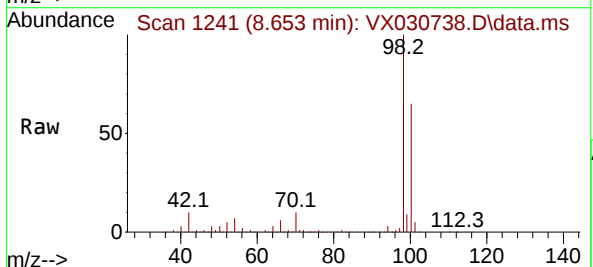
Acq: 23 Aug 2022 17:38

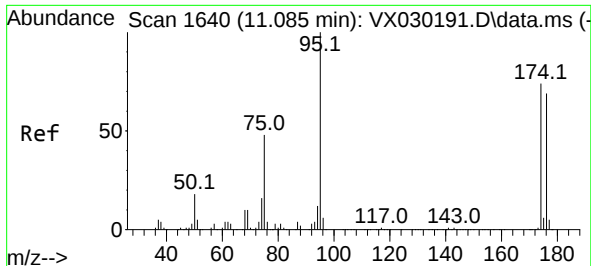
Tgt Ion: 43 Resp: 1610

Ion Ratio Lower Upper

43 100

58 237.4 31.4 47.2#





#62

4-Bromofluorobenzene

Concen: 43.248 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030738.D

Acq: 23 Aug 2022 17:38

Instrument :

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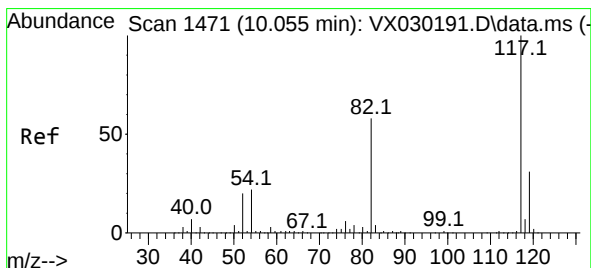
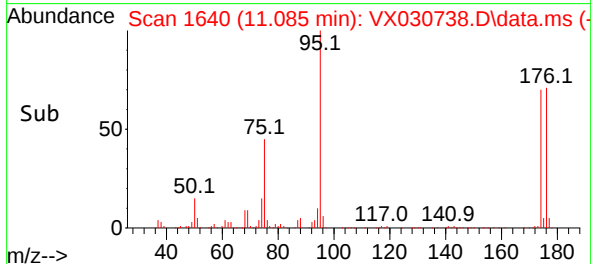
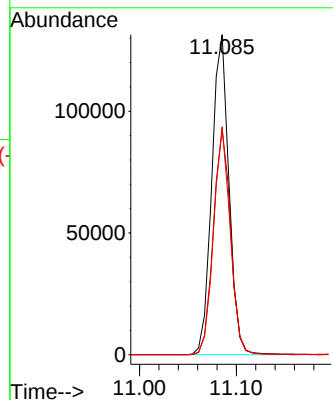
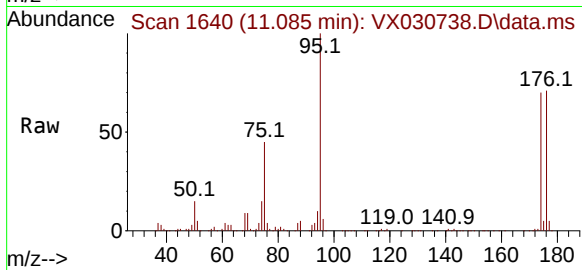
Tgt Ion: 95 Resp: 161953

Ion Ratio Lower Upper

95 100

174 71.4 0.0 149.0

176 69.0 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX030738.D

Acq: 23 Aug 2022 17:38

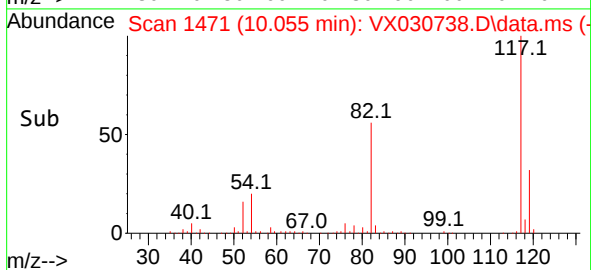
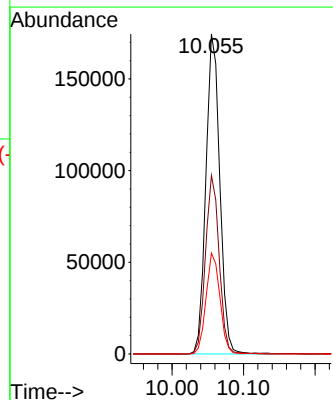
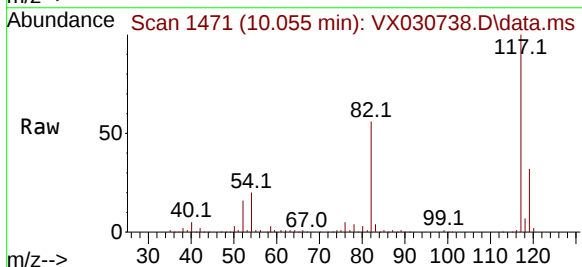
Tgt Ion: 117 Resp: 236333

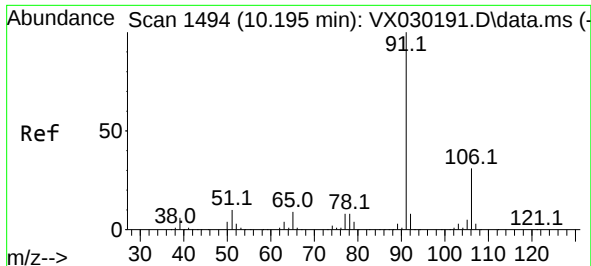
Ion Ratio Lower Upper

117 100

82 55.8 42.7 64.1

119 31.5 25.4 38.2

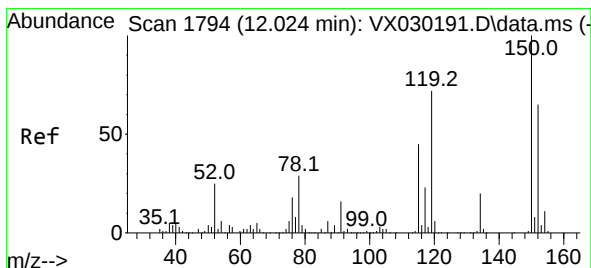
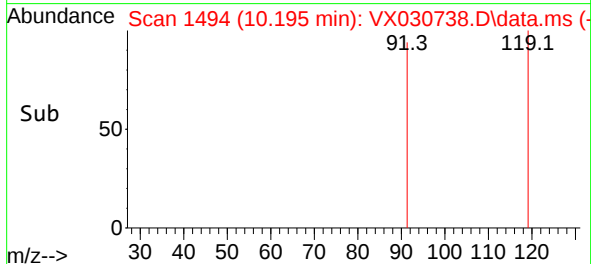
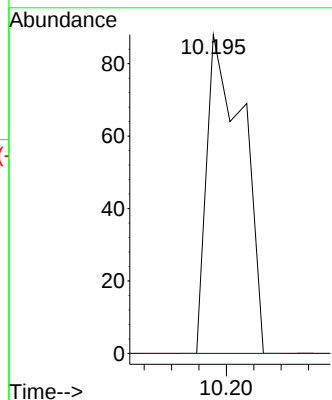
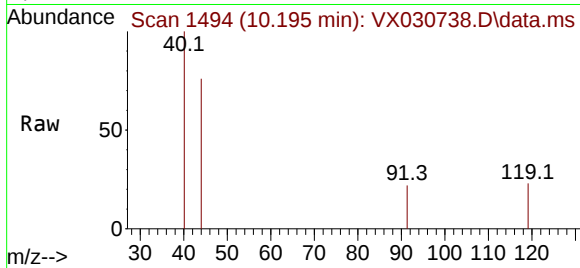




#67
Ethyl Benzene
Concen: Below Cal
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030738.D
Acq: 23 Aug 2022 17:38

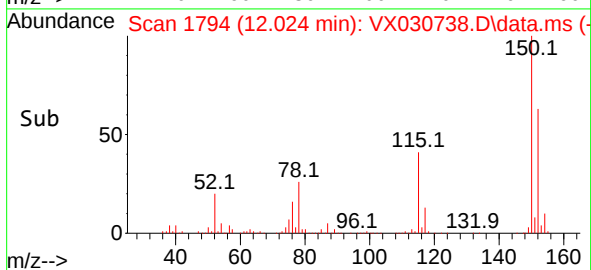
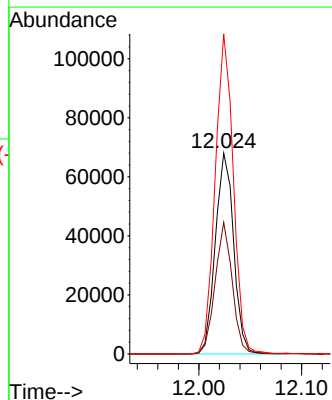
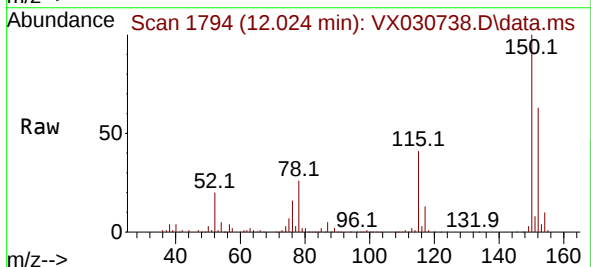
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20220816

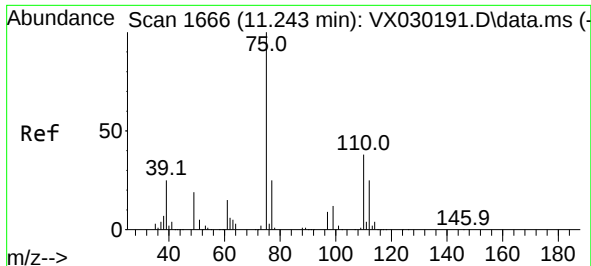
Tgt Ion: 91 Resp: 81
Ion Ratio Lower Upper
91 100
106 0.0 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030738.D
Acq: 23 Aug 2022 17:38

Tgt Ion: 152 Resp: 84149
Ion Ratio Lower Upper
152 100
115 61.2 40.5 121.5
150 157.6 0.0 347.0

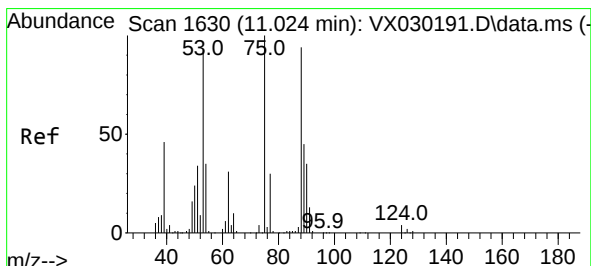
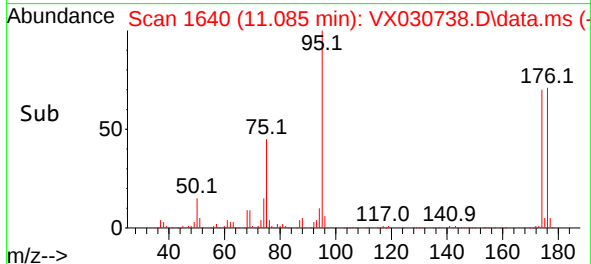
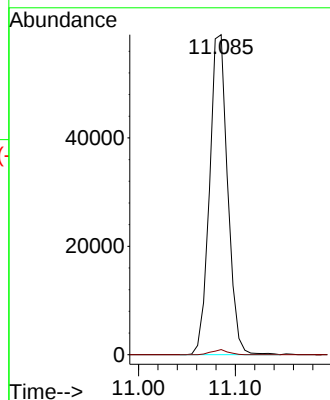
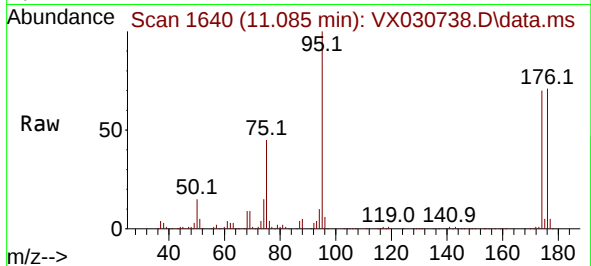




#76
1,2,3-Trichloropropane
Concen: 34.661 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX030738.D
Acq: 23 Aug 2022 17:38

Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20220816

Tgt Ion: 75 Resp: 76883
Ion Ratio Lower Upper
75 100
77 1.4 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.981 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX030738.D
Acq: 23 Aug 2022 17:38

Tgt Ion: 75 Resp: 76883
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

