

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042222\
 Data File : VW025683.D
 Acq On : 22 Apr 2022 15:55
 Operator : SY/MD
 Sample : N2492-10RE
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6W2

Quant Time: Apr 23 01:59:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 23 01:57:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	145526	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	147300	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68808	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	75267	5.563	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	111.200%	
7) Chloroethane-d5	1.571	69	67595	4.696	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.000%	
11) 1,1-Dichloroethene-d2	2.111	63	113332	4.182	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.600%	
20) 2-Butanone-d5	3.899	46	89939	54.649	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.300%	
24) Chloroform-d	4.352	84	106930	5.230	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.600%	
26) 1,2-Dichloroethane-d4	5.037	65	50226	5.702	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.000%	
32) Benzene-d6	5.053	84	223097	5.235	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.600%	
36) 1,2-Dichloropropane-d6	6.069	67	64756	5.448	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	109.000%	
41) Toluene-d8	7.317	98	190204	4.809	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
43) trans-1,3-Dichloroprop...	7.625	79	19602	4.906	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.200%	
46) 2-Hexanone-d5	8.088	63	68164	48.614	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.220%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37332	4.971	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	60086	5.208	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.200%	
Target Compounds						Qvalue
3) Chloromethane	1.243	50	557	0.039	ug/L	93
6) Bromomethane	1.526	94	470	0.040	ug/L	71
15) Methyl Acetate	2.433	43	980	0.395	ug/L #	43
25) Chloroform	4.378	83	3594	0.190	ug/L	98
33) Benzene	5.108	78	3536	0.081	ug/L	100
35) Methylcyclohexane	6.127	83	1037	0.056	ug/L #	31
37) 1,2-Dichloropropane	6.072	63	7789	0.774	ug/L #	85
39) cis-1,3-Dichloropropene	6.986	75	1481	0.112	ug/L #	72
42) Toluene	7.397	91	11226	0.237	ug/L	99
47) Tetrachloroethene	7.976	164	15954	1.764	ug/L	99
49) Dibromochloromethane	7.976	129	14688	1.985	ug/L #	11
52) Ethylbenzene	9.018	91	6222	0.123	ug/L	98
53) m,p-Xylene	9.146	106	1456	0.076	ug/L	99
61) 1,2,3-Trichloropropane	11.246	75	8757	1.932	ug/L #	62
62) 1,3,5-Trimethylbenzene	10.921	105	1324	0.070	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.246	75	236	0.301	ug/L #	2

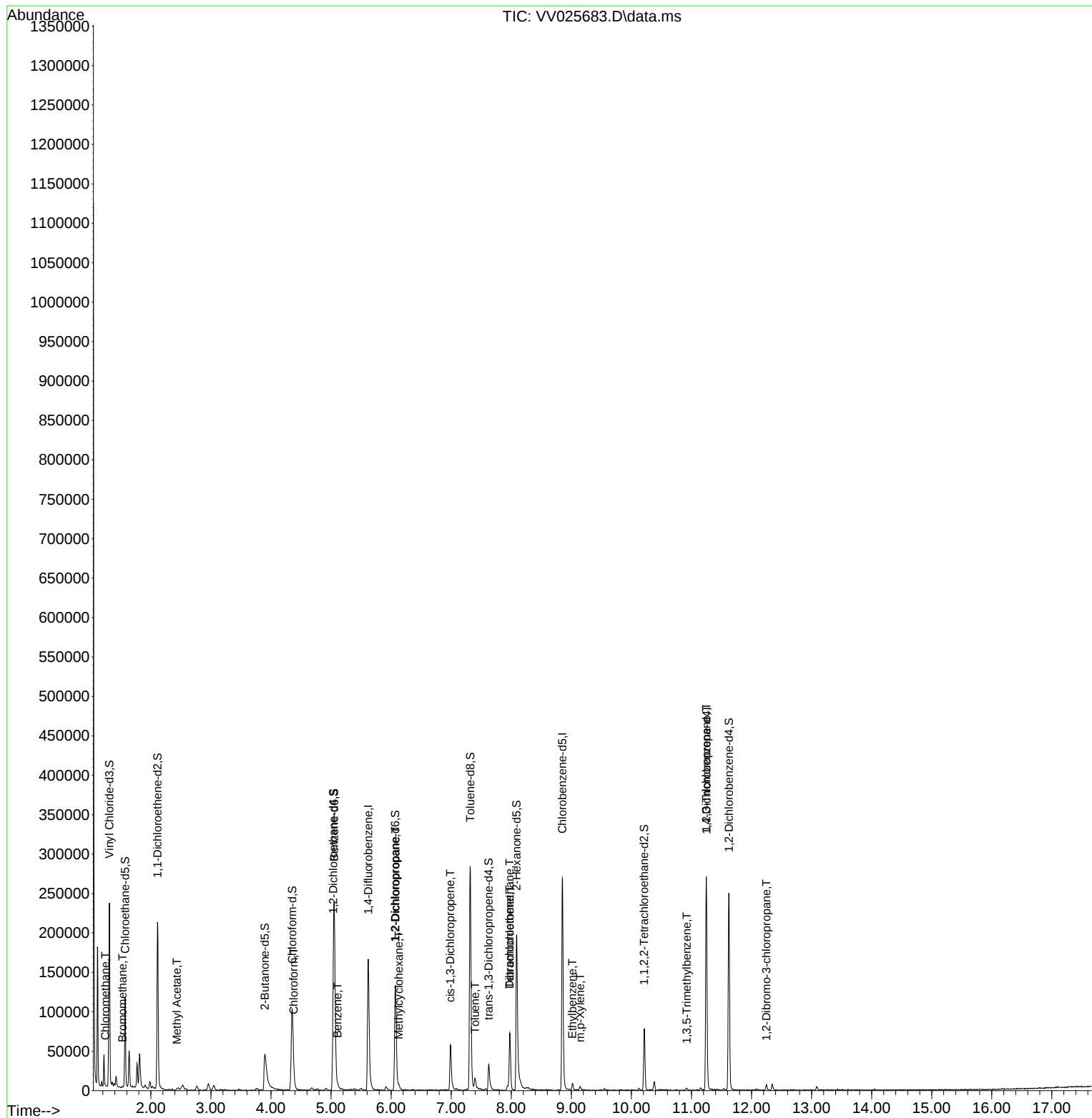
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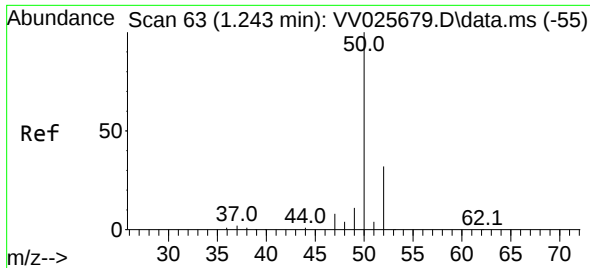
Instrument :
MSVOA_V
ClientSampleId :
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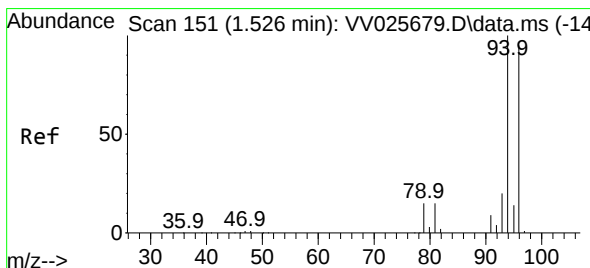
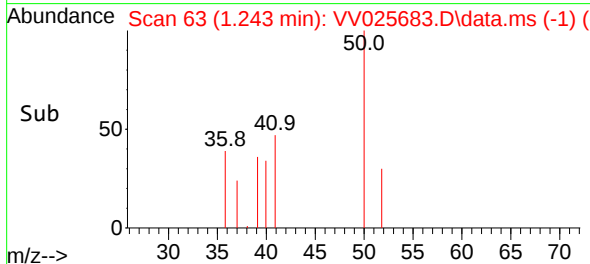
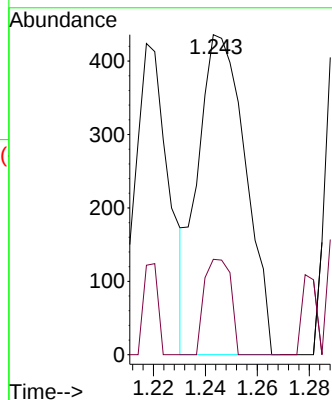
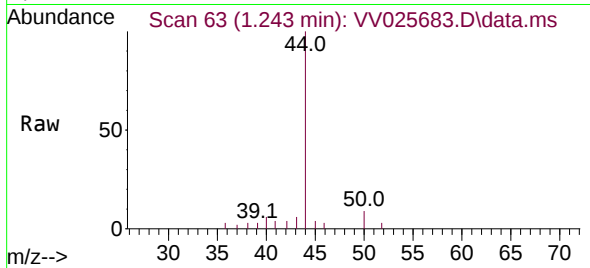




#3
Chloromethane
Concen: 0.039 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025683.D
Acq: 22 Apr 2022 15:55

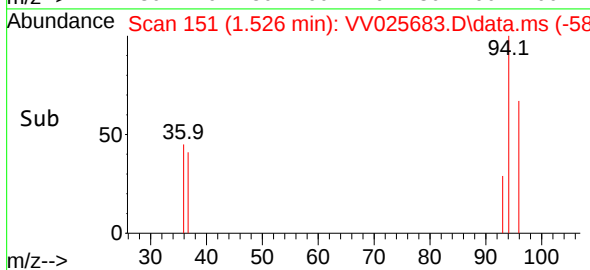
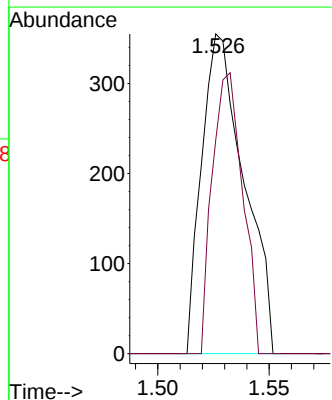
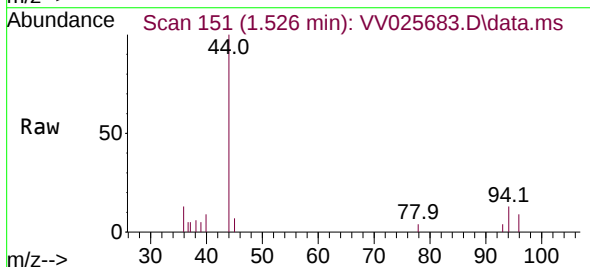
Instrument :
MSVOA_V
ClientSampleId :
EW6W2

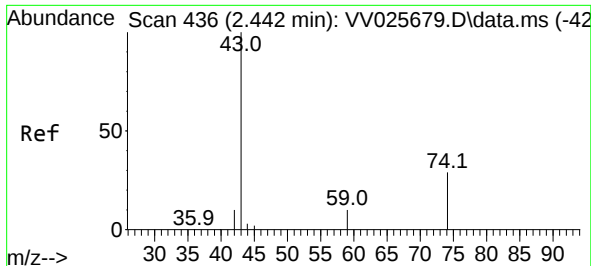
Tgt Ion: 50 Resp: 557
Ion Ratio Lower Upper
50 100
52 29.8 23.7 43.9



#6
Bromomethane
Concen: 0.040 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.000 min
Lab File: VV025683.D
Acq: 22 Apr 2022 15:55

Tgt Ion: 94 Resp: 470
Ion Ratio Lower Upper
94 100
96 66.8 66.1 122.7

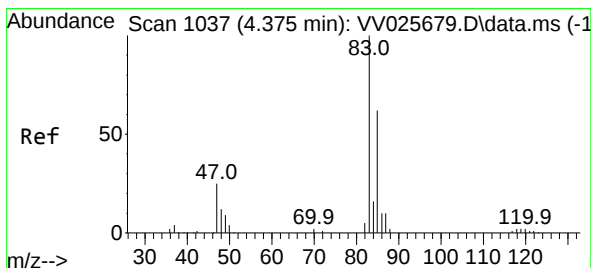
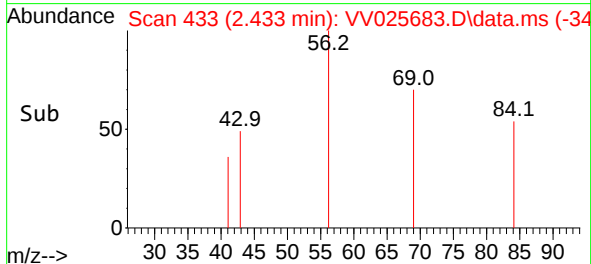
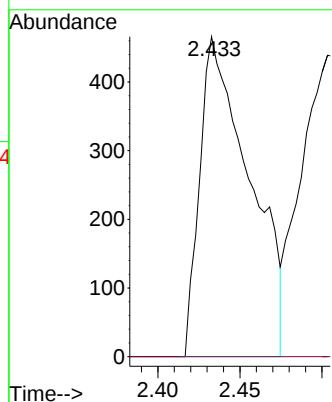
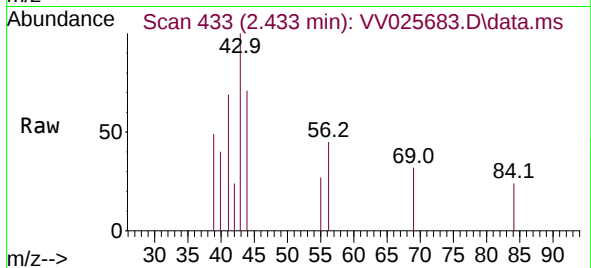




#15
Methyl Acetate
Concen: 0.395 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV025683.D
Acq: 22 Apr 2022 15:55

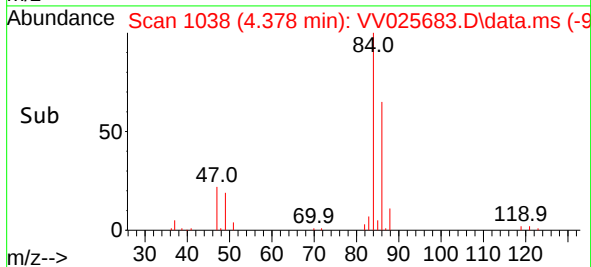
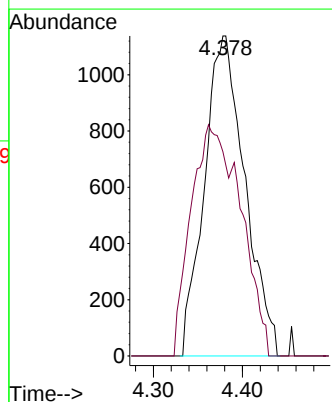
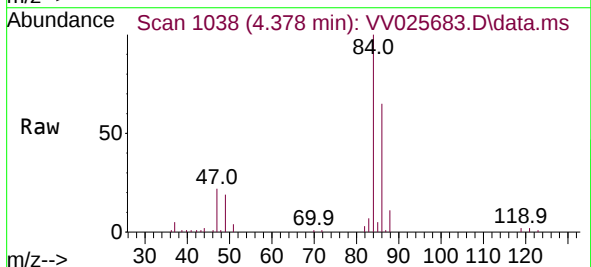
Instrument :
MSVOA_V
ClientSampleId :
EW6W2

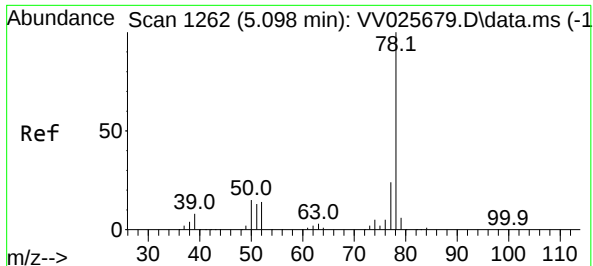
Tgt Ion: 43 Resp: 980
Ion Ratio Lower Upper
43 100
74 0.0 25.2 37.8#



#25
Chloroform
Concen: 0.190 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VV025683.D
Acq: 22 Apr 2022 15:55

Tgt Ion: 83 Resp: 3594
Ion Ratio Lower Upper
83 100
85 63.8 43.5 80.7

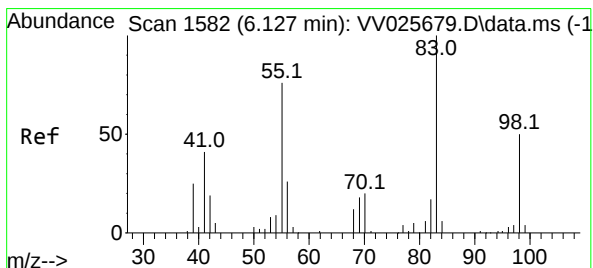
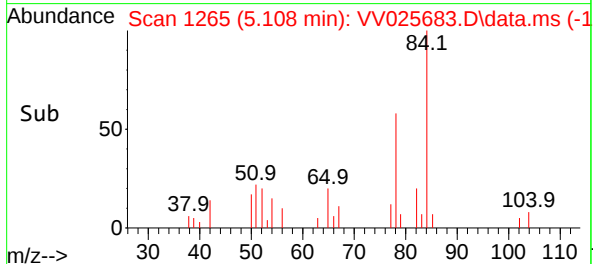
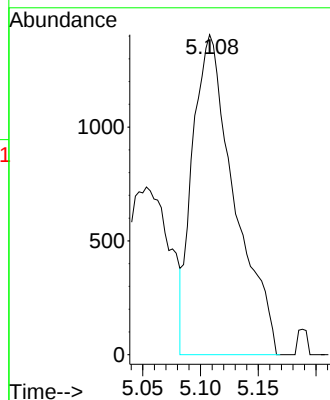
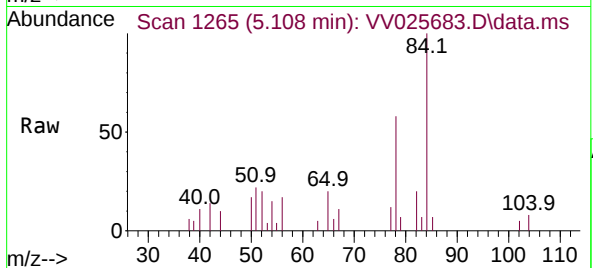




#33
Benzene
Concen: 0.081 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV025683.D
Acq: 22 Apr 2022 15:55

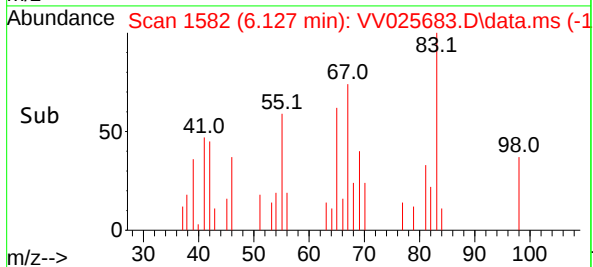
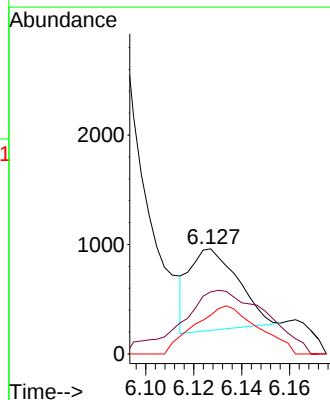
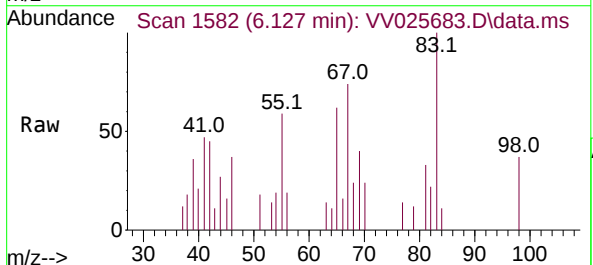
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ClientSampleId :
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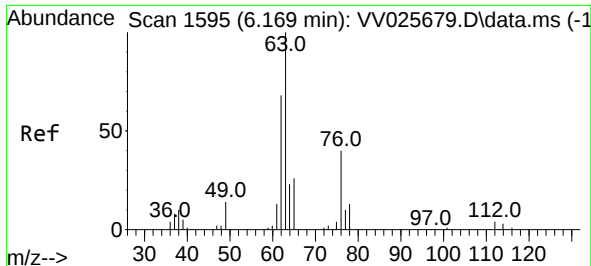
Tgt Ion: 78 Resp: 3536



#35
Methylcyclohexane
Concen: 0.056 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV025683.D
Acq: 22 Apr 2022 15:55

Tgt Ion: 83 Resp: 1037
Ion Ratio Lower Upper
83 100
55 138.4 53.7 80.5#
98 77.7 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.774 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.096 min

Lab File: VV025683.D

Acq: 22 Apr 2022 15:55

Instrument :

MSVOA_V

ClientSampleId :

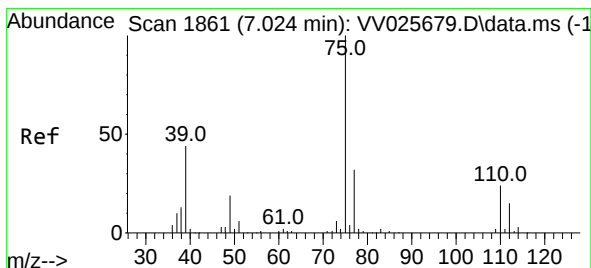
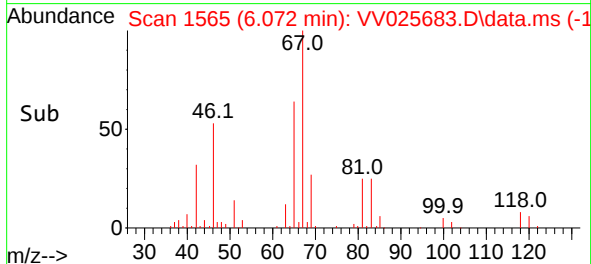
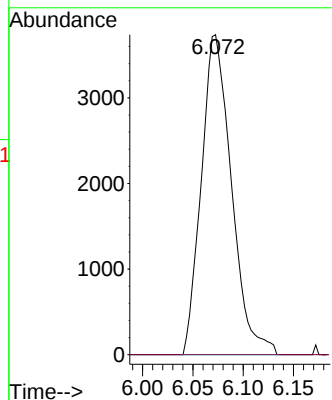
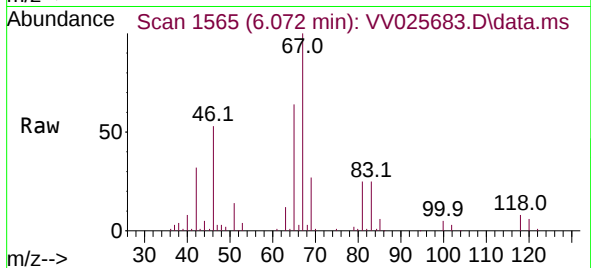
EW6W2

Tgt Ion: 63 Resp: 7789

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.038 min

Lab File: VV025683.D

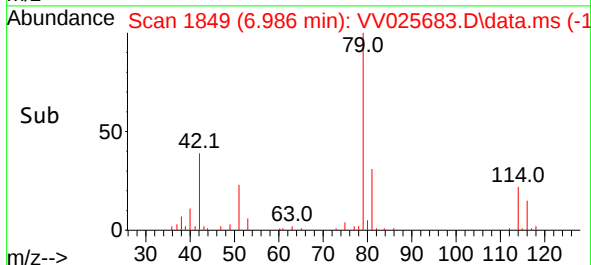
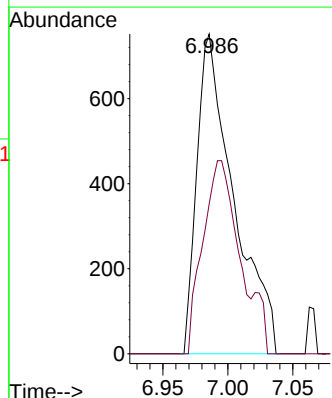
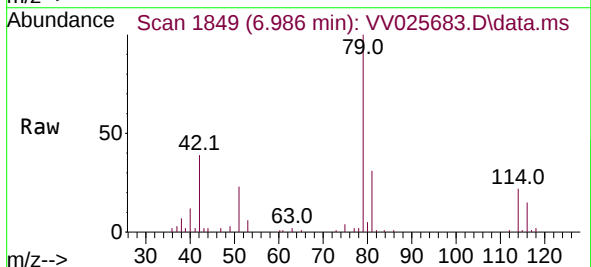
Acq: 22 Apr 2022 15:55

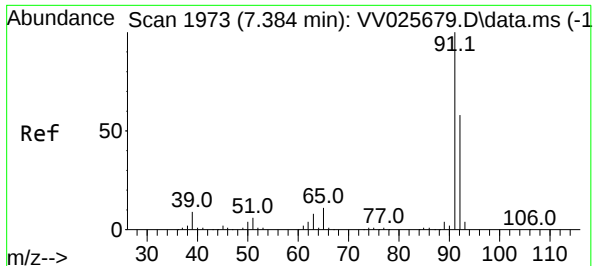
Tgt Ion: 75 Resp: 1481

Ion Ratio Lower Upper

75 100

77 46.8 21.8 40.6#





#42

Toluene

Concen: 0.237 ug/L

RT: 7.397 min Scan# 1973

Delta R.T. 0.013 min

Lab File: VV025683.D

Acq: 22 Apr 2022 15:55

Instrument :

MSVOA_V

ClientSampleId :

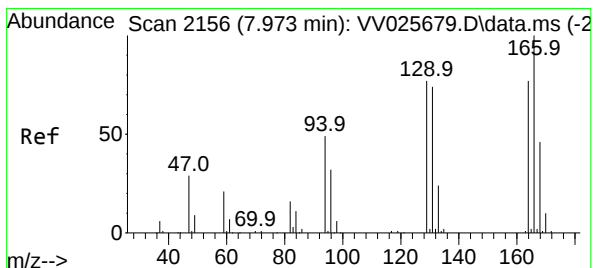
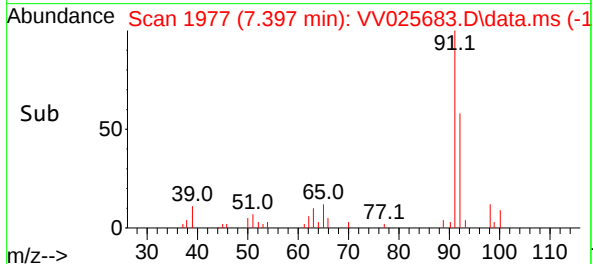
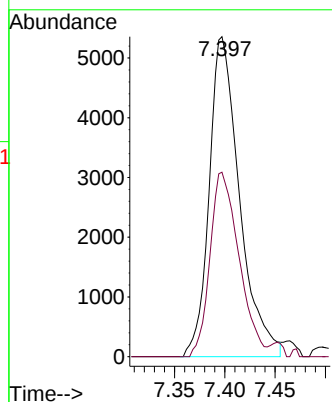
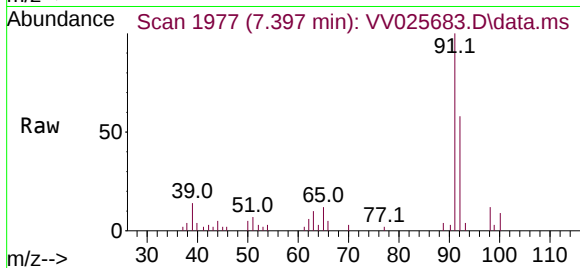
EW6W2

Tgt Ion: 91 Resp: 11226

Ion Ratio Lower Upper

91 100

92 57.6 40.8 75.8



#47

Tetrachloroethene

Concen: 1.764 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025683.D

Acq: 22 Apr 2022 15:55

Tgt Ion: 164 Resp: 15954

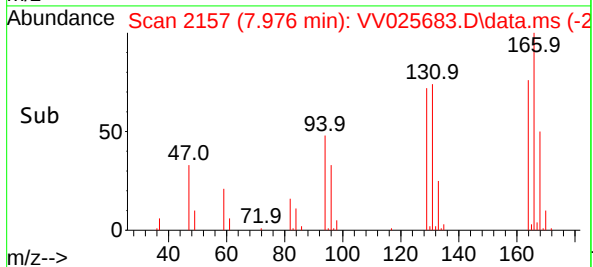
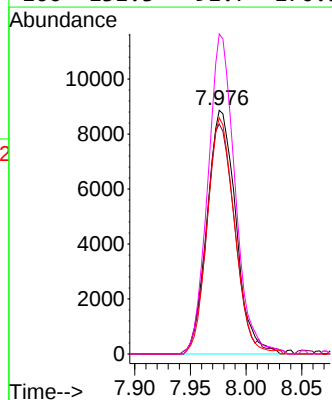
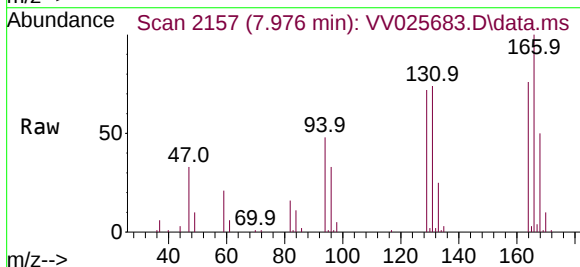
Ion Ratio Lower Upper

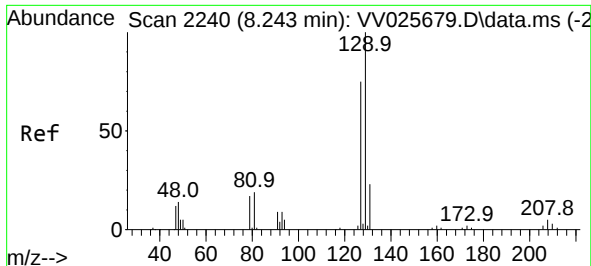
164 100

129 94.4 66.8 124.2

131 96.9 66.4 123.4

166 131.3 91.7 170.3





#49

Dibromochloromethane

Concen: 1.985 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025683.D

Acq: 22 Apr 2022 15:55

Instrument :

MSVOA_V

ClientSampleId :

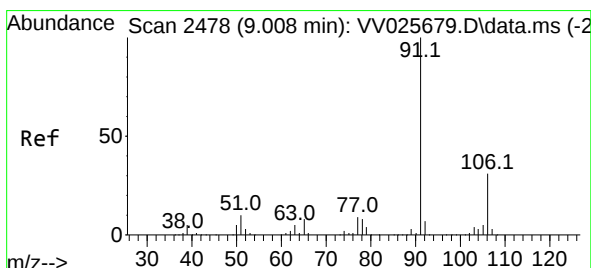
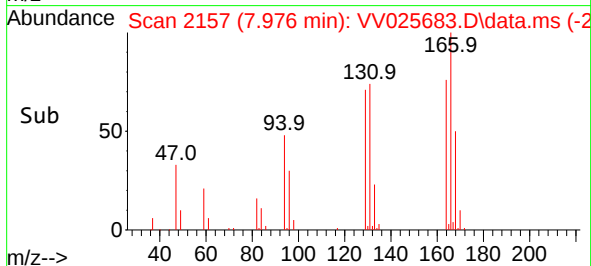
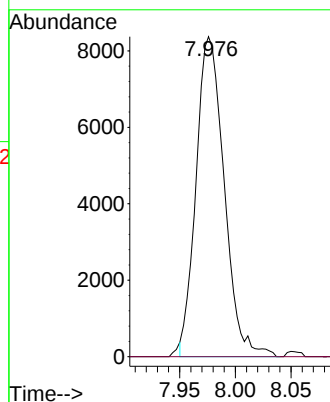
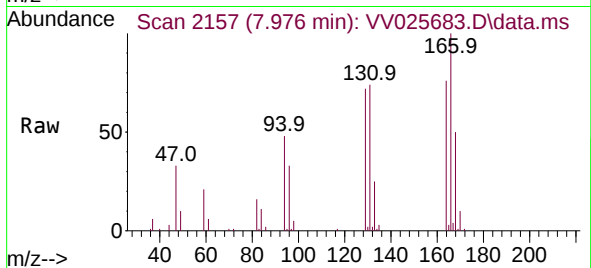
EW6W2

Tgt Ion:129 Resp: 14688

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#52

Ethylbenzene

Concen: 0.123 ug/L

RT: 9.018 min Scan# 2481

Delta R.T. 0.010 min

Lab File: VV025683.D

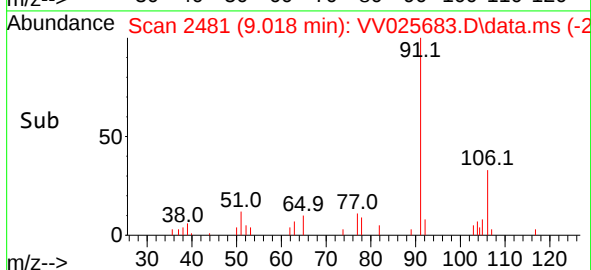
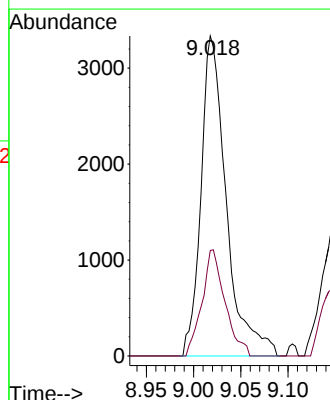
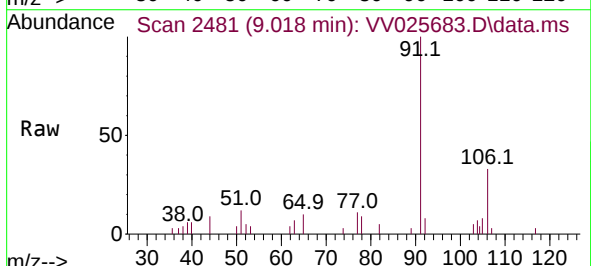
Acq: 22 Apr 2022 15:55

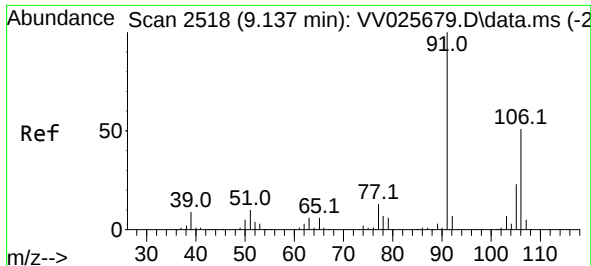
Tgt Ion: 91 Resp: 6222

Ion Ratio Lower Upper

91 100

106 32.9 22.3 41.3

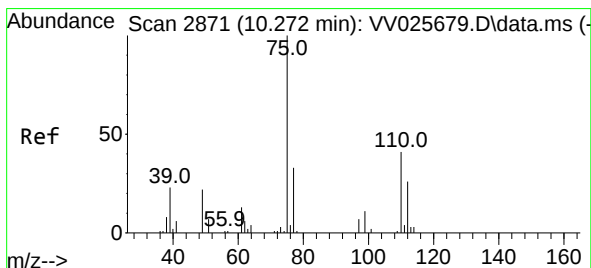
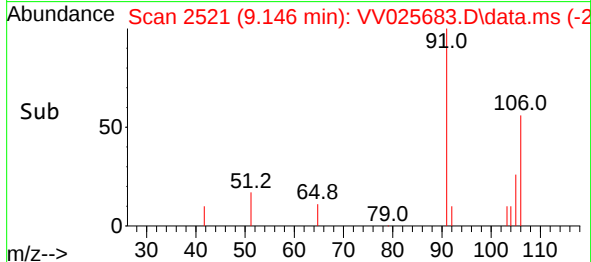
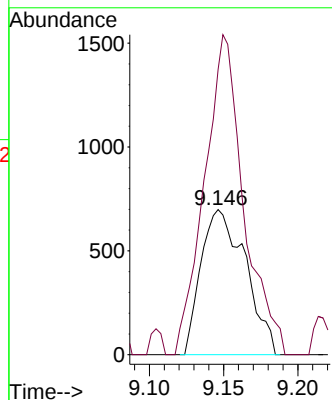
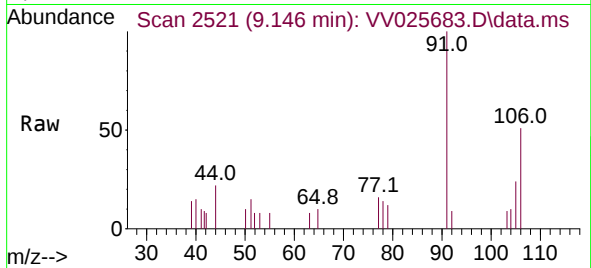




#53
m,p-Xylene
Concen: 0.076 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV025683.D
Acq: 22 Apr 2022 15:55

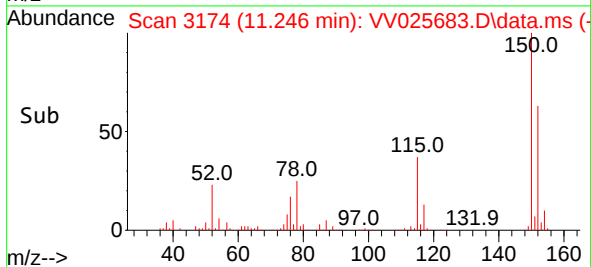
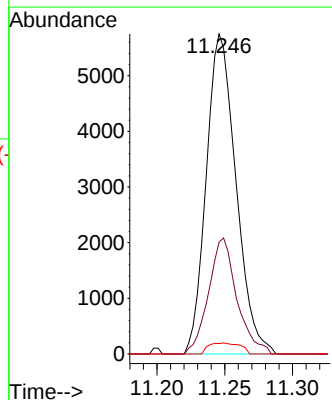
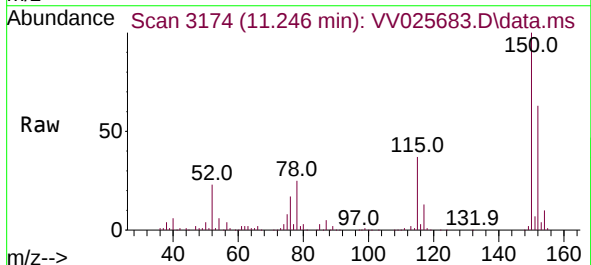
Instrument :
MSVOA_V
ClientSampleId :
EW6W2

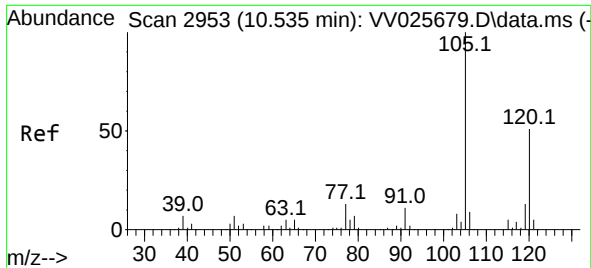
Tgt Ion:106 Resp: 1456
Ion Ratio Lower Upper
106 100
91 196.6 136.4 253.4



#61
1,2,3-Trichloropropane
Concen: 1.932 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025683.D
Acq: 22 Apr 2022 15:55

Tgt Ion: 75 Resp: 8757
Ion Ratio Lower Upper
75 100
77 34.6 25.6 38.4
110 3.6 34.7 52.1#

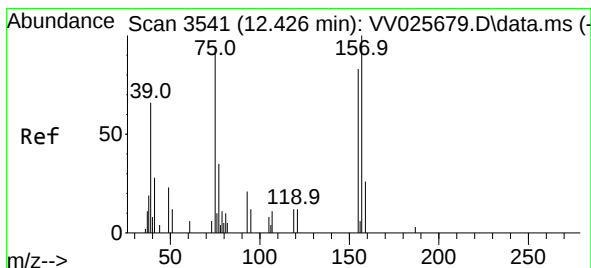
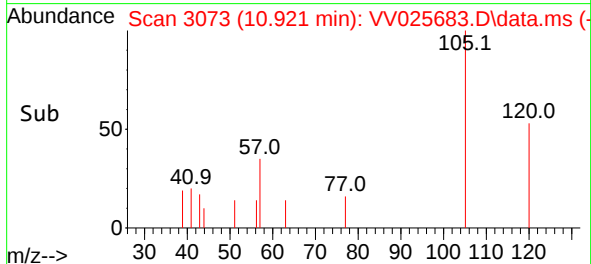
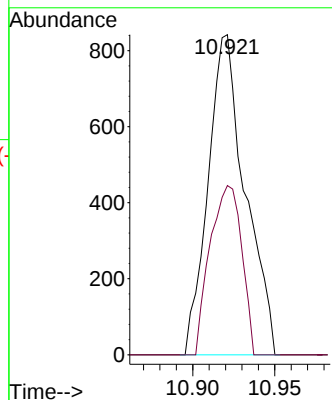
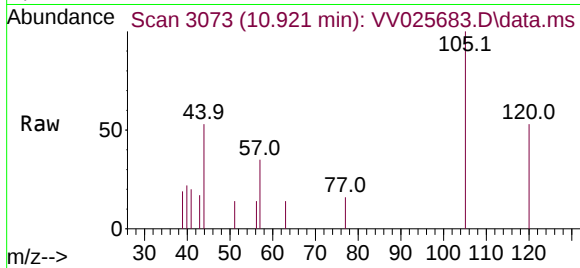




#62
 1,3,5-Trimethylbenzene
 Concen: 0.070 ug/L
 RT: 10.921 min Scan# 3073
 Delta R.T. 0.386 min
 Lab File: VV025683.D
 Acq: 22 Apr 2022 15:55

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6W2

Tgt Ion:105 Resp: 1324
 Ion Ratio Lower Upper
 105 100
 120 44.9 39.6 59.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.301 ug/L
 RT: 12.246 min Scan# 3485
 Delta R.T. -0.180 min
 Lab File: VV025683.D
 Acq: 22 Apr 2022 15:55

Tgt Ion: 75 Resp: 236
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.8 98.8#
 157 0.0 86.6 130.0#

