

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017152.D
 Acq On : 26 Jun 2020 01:59
 Operator : SY/MD
 Sample : L3068-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9F76

Quant Time: Jun 26 05:15:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 05:12:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	171315	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	166961	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75265	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47608	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.58	69	39233	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.13	63	70767	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	3.93	46	113760	43.41	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.82%
24) Chloroform-d	4.38	84	100378	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.06	65	55789	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.08	84	190286	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.10	67	55761	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	7.34	98	163964	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
45) trans-1,3-Dichloropropene-	7.65	79	21330	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
48) 2-Hexanone-d5	8.11	63	81365	39.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.08%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39486	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	65623	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

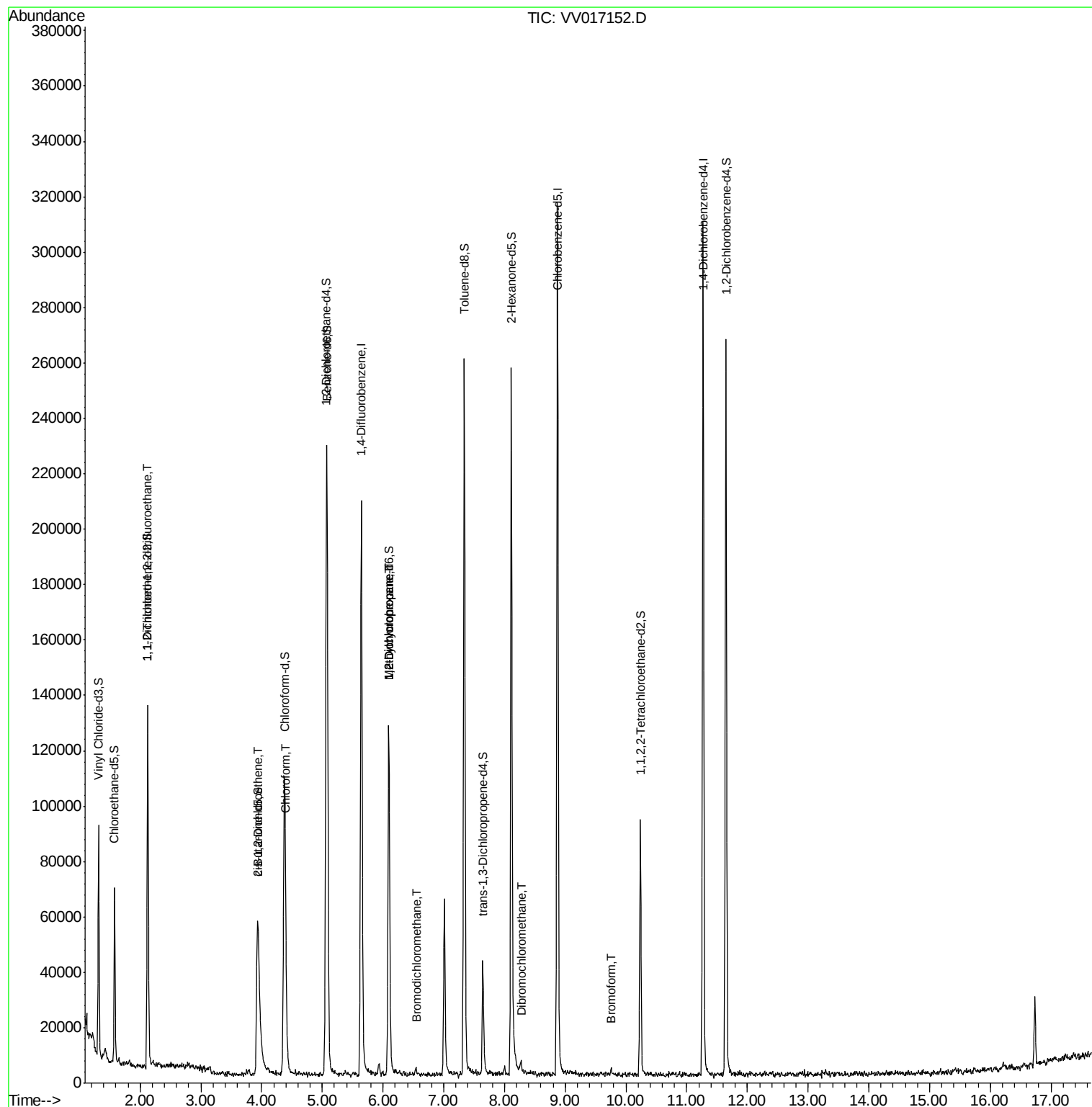
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	677	0.075 ug/L #	21
22) cis-1,2-Dichloroethene	3.94	96	2243	0.188 ug/L	88
25) Chloroform	4.40	83	10099	0.472 ug/L	87
35) Methylcyclohexane	6.09	83	14611	0.734 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	7287	0.673 ug/L #	87
38) Bromodichloromethane	6.54	83	1736	0.118 ug/L #	87
51) Dibromochloromethane	8.28	129	1351	0.145 ug/L	97
62) Bromoform	9.75	173	783	0.194 ug/L #	92

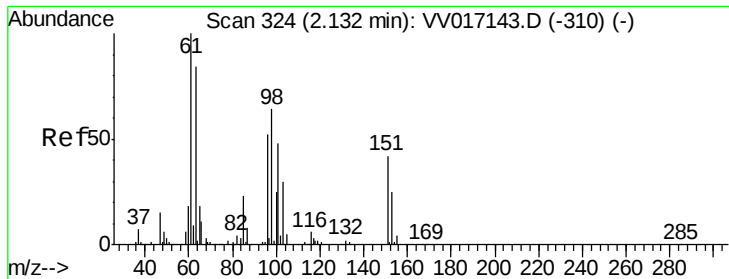
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.075 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017152.D

Acq: 26 Jun 2020 01:59

Instrument :

MSVOA_V

ClientSampleId :

F9F76

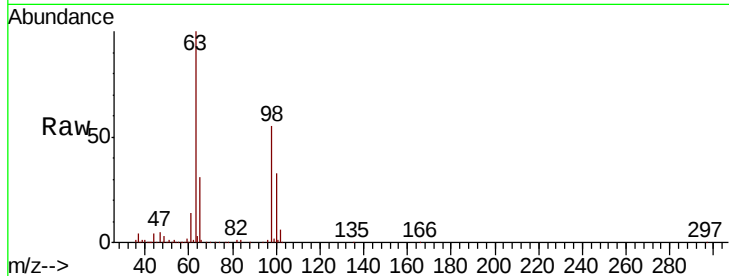
Tot Ion:101 Resp: 677

Ion Ratio Lower Upper

101 100

85 3.1 35.4 53.2#

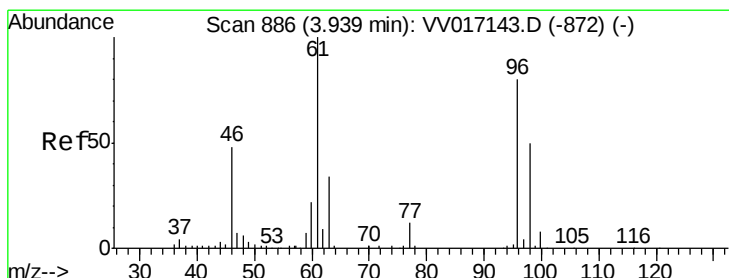
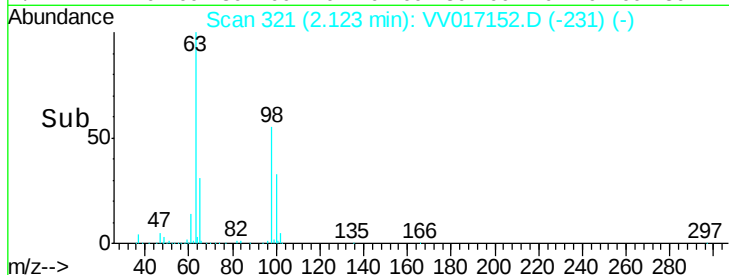
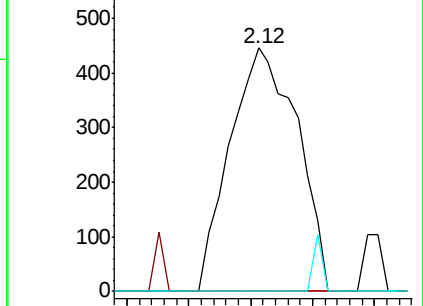
151 3.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#22

cis-1,2-Dichloroethene

Concen: 0.188 ug/L

RT: 3.94 min Scan# 885

Delta R.T. -0.00 min

Lab File: VV017152.D

Acq: 26 Jun 2020 01:59

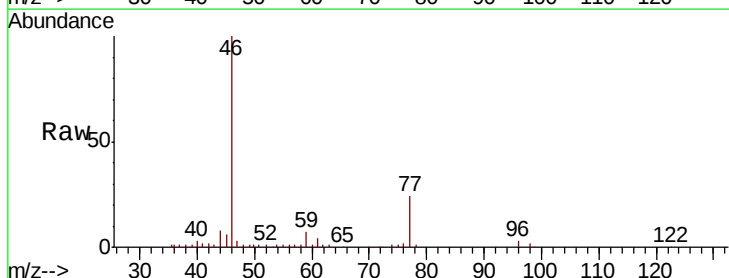
Tgt Ion: 96 Resp: 2243

Ion Ratio Lower Upper

96 100

61 116.6 91.0 169.0

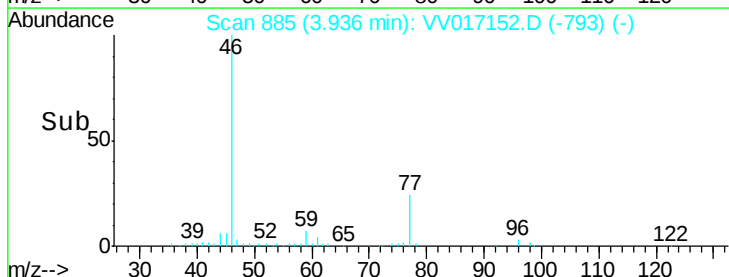
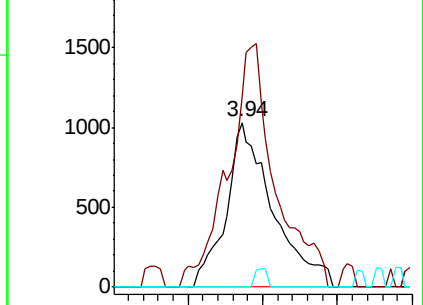
68 0.0 0.0 0.0

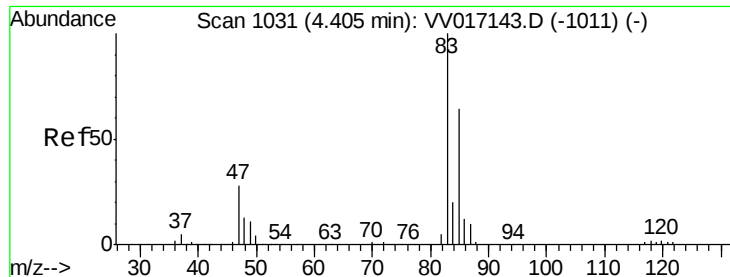


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

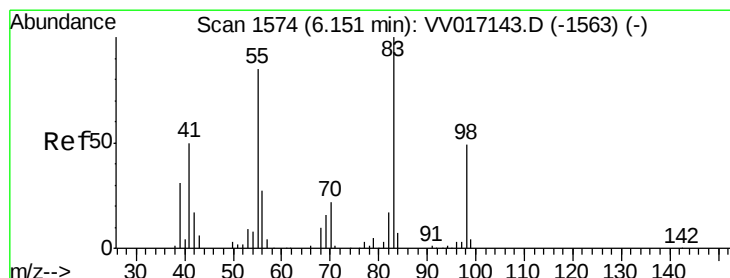
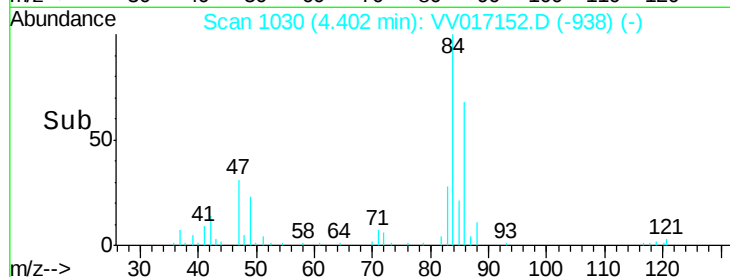
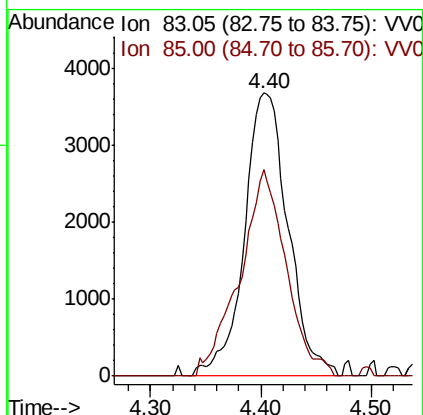
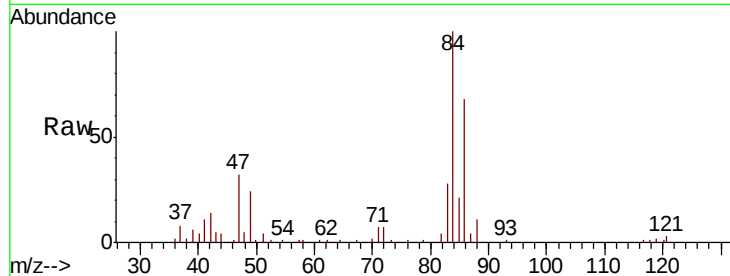




#25
Chloroform
Concen: 0.472 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV017152.D
Acq: 26 Jun 2020 01:59

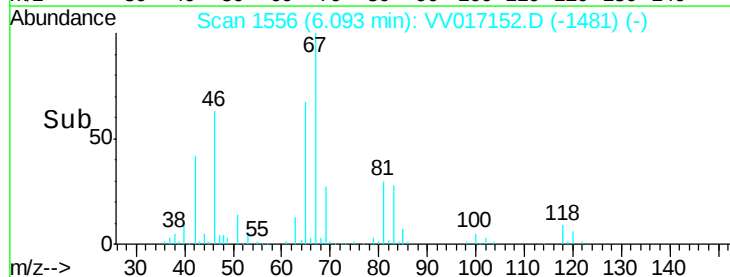
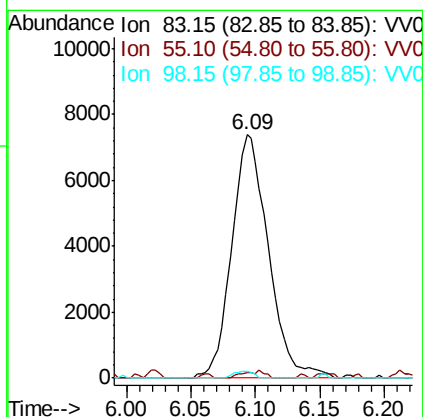
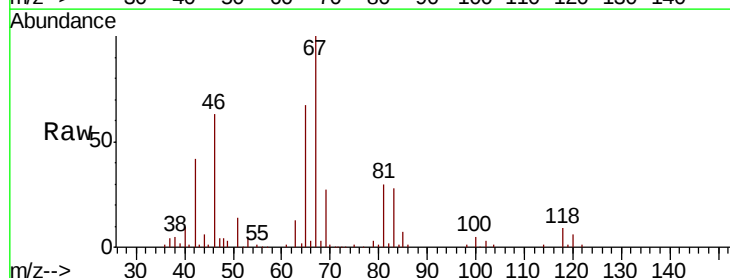
Instrument :
MSVOA_V
ClientSampled :
F9F76

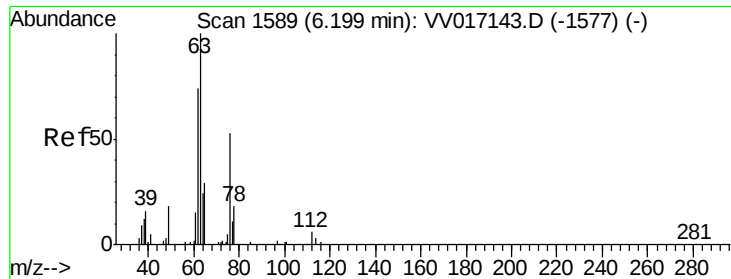
Tot Ion: 83 Resp: 10099
Ion Ratio Lower Upper
83 100
85 73.0 44.2 82.2



#35
Methylcyclohexane
Concen: 0.734 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017152.D
Acq: 26 Jun 2020 01:59

Tgt Ion: 83 Resp: 14611
Ion Ratio Lower Upper
83 100
55 1.1 63.6 95.4#
98 1.5 38.8 58.2#





#37

1,2-Dichloropropane

Concen: 0.673 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV017152.D

Acq: 26 Jun 2020 01:59

Instrument :

MSVOA_V

ClientSampleId :

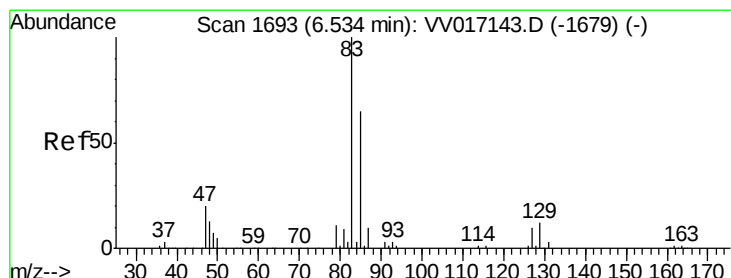
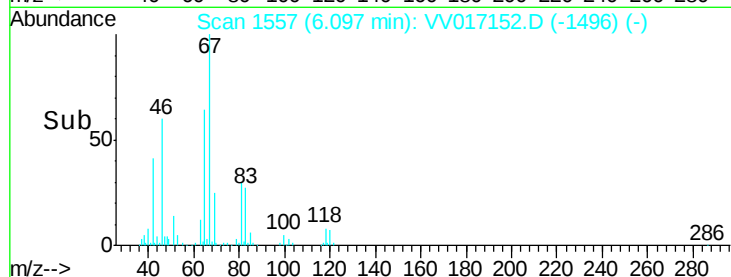
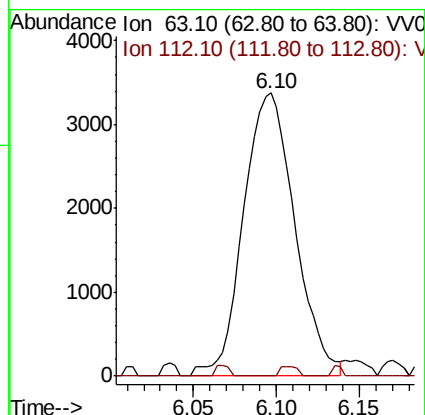
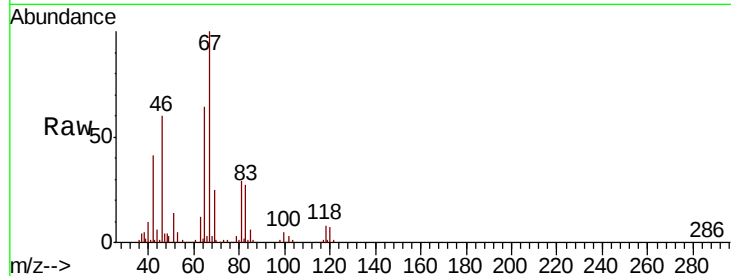
F9F76

Tot Ion: 63 Resp: 7287

Ion Ratio Lower Upper

63 100

112 1.2 4.4 6.6#



#38

Bromodichloromethane

Concen: 0.118 ug/L

RT: 6.54 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VV017152.D

Acq: 26 Jun 2020 01:59

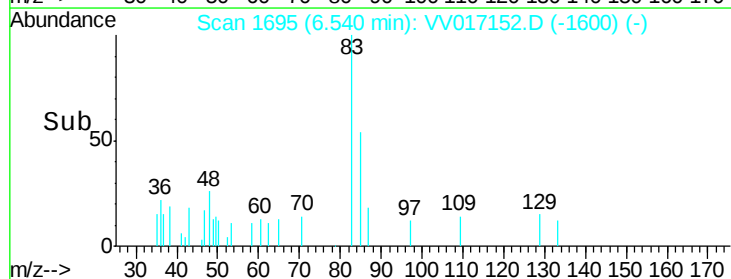
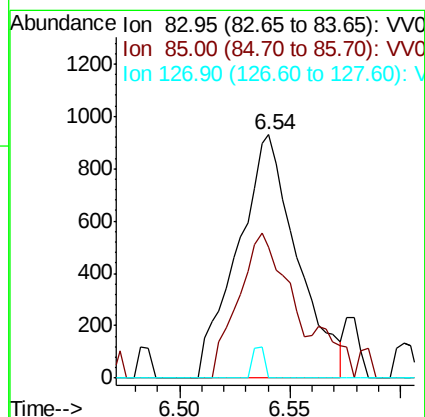
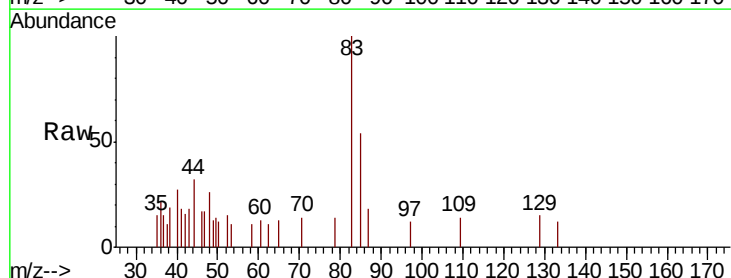
Tgt Ion: 83 Resp: 1736

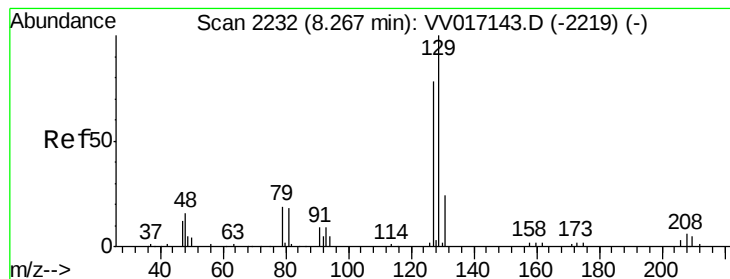
Ion Ratio Lower Upper

83 100

85 53.5 43.4 80.6

127 0.0 7.9 11.9#





#51

Dibromochloromethane

Concen: 0.145 ug/L

RT: 8.28 min Scan# 2235

Delta R.T. 0.01 min

Lab File: VV017152.D

Acq: 26 Jun 2020 01:59

Instrument :

MSVOA_V

ClientSampleId :

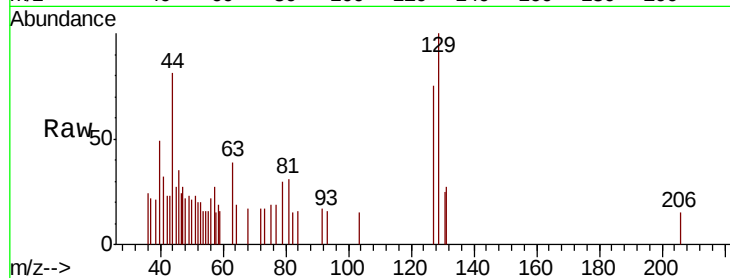
F9F76

Tot Ion:129 Resp: 1351

Ion Ratio Lower Upper

129 100

127 74.6 54.1 100.5



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.28

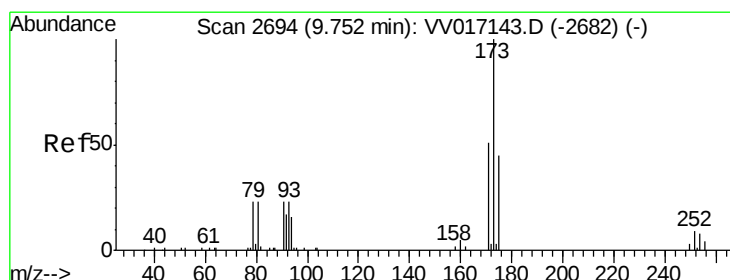
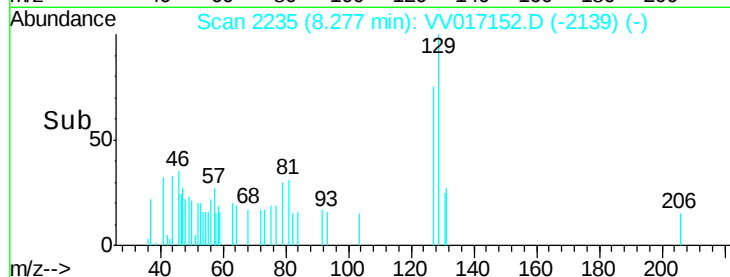
600

400

200

0

Time-->



#62

Bromoform

Concen: 0.194 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VV017152.D

Acq: 26 Jun 2020 01:59

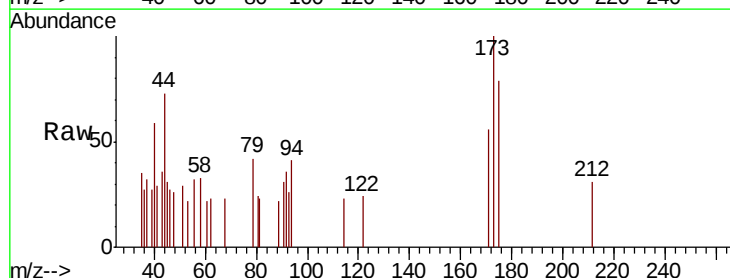
Tgt Ion:173 Resp: 783

Ion Ratio Lower Upper

173 100

175 52.7 39.4 59.2

254 0.0 7.4 11.2#



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V

9.75

600

500

400

300

200

100

0

Time-->

