

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080618\
 Data File : VR025559.D
 Acq On : 6 Aug 2018 17:35
 Operator : SY/MD
 Sample : J4243-02
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AD5

Quant Time: Aug 06 23:41:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 06 23:40:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	534387	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	496031	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	198987	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	150844	4.55	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	2.63	69	124552	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	3.63	63	253921	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	6.60	46	120090	43.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.76%
24) Chloroform-d	7.20	84	266073	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	7.89	65	91792	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	7.86	84	607208	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	8.90	67	170163	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	9.97	98	596098	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	10.24	79	41853	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	10.59	63	176050	61.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.34%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	87064	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	175184	5.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.20%

Target Compounds

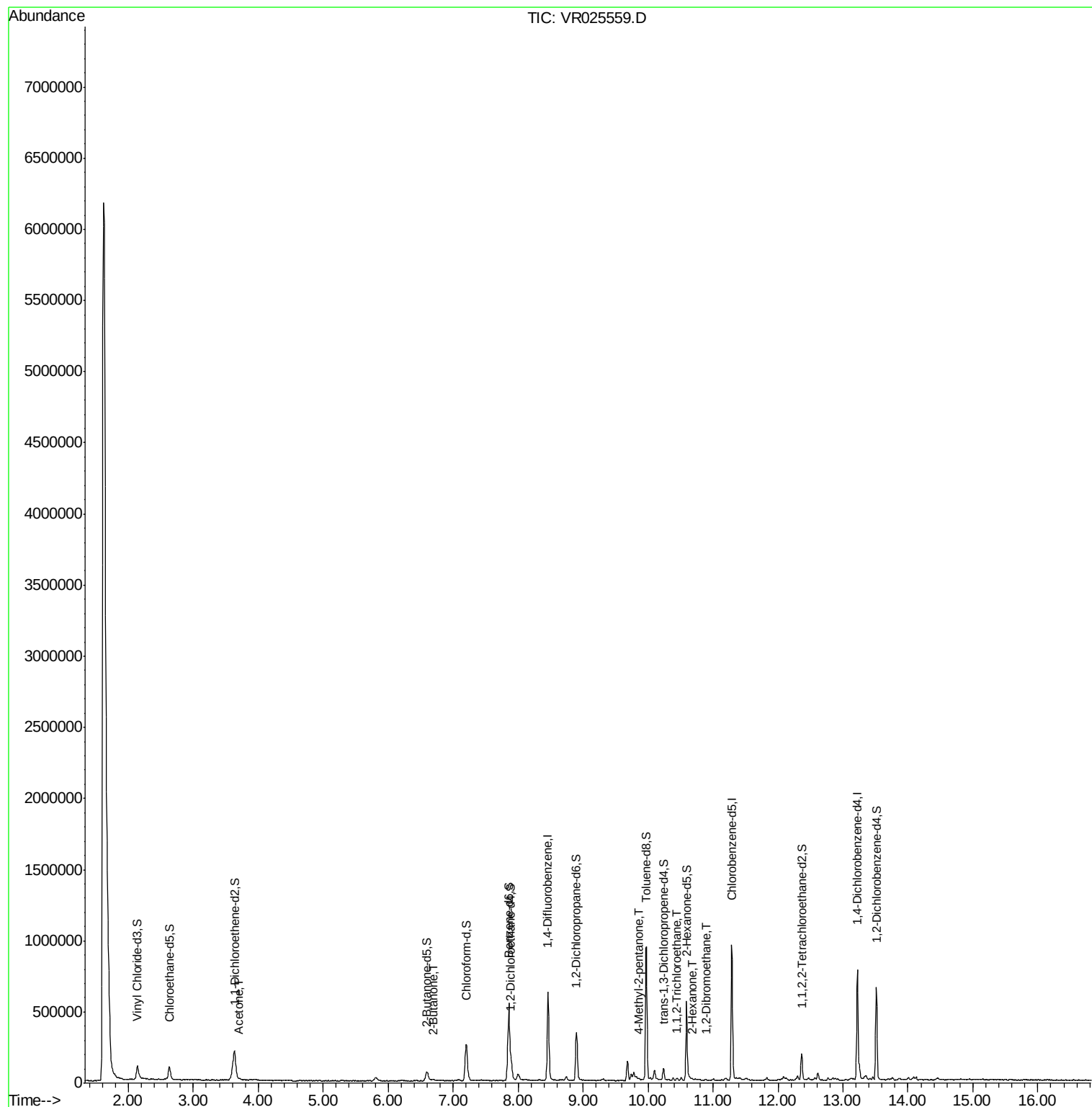
					Qvalue
13) Acetone	3.71	43	12000	5.216	ug/L 96
21) 2-Butanone	6.69	43	5843	1.828	ug/L 96
40) 4-Methyl-2-pentanone	9.86	43	2841	0.313	ug/L # 83
45) 1,1,2-Trichloroethane	10.45	97	5408	0.337	ug/L 89
48) 2-Hexanone	10.68	43	1750	0.285	ug/L # 1
50) 1,2-Dibromoethane	10.89	107	3727	0.278	ug/L # 87

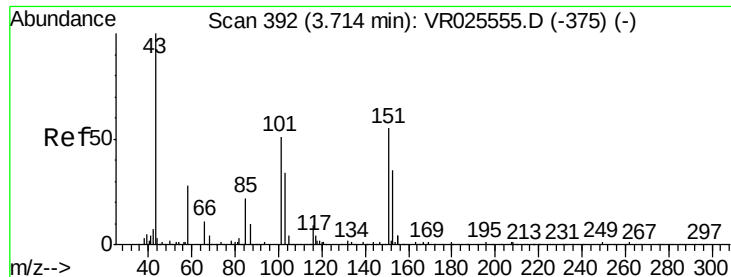
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.216 ug/L

RT: 3.71 min Scan# 391

Delta R.T. -0.01 min

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Acq: 6 Aug 2018 17:35

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ClientSampleId :

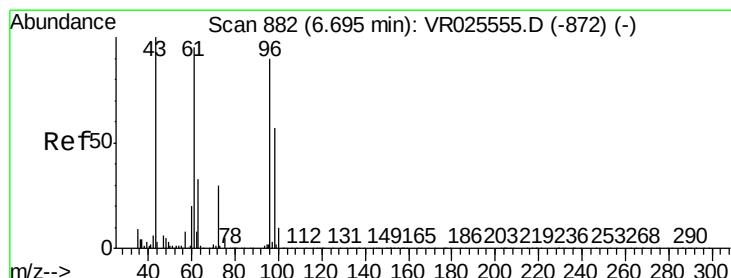
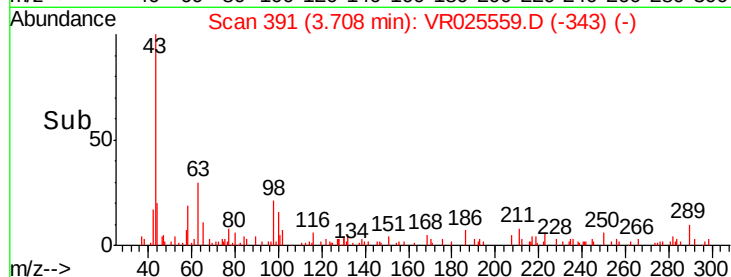
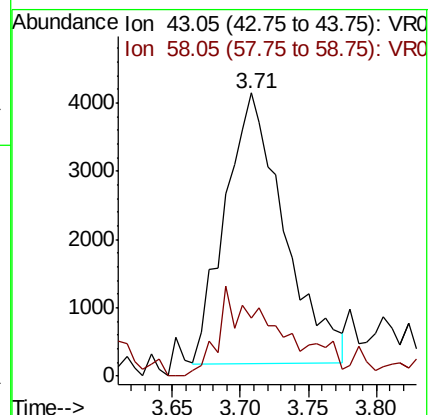
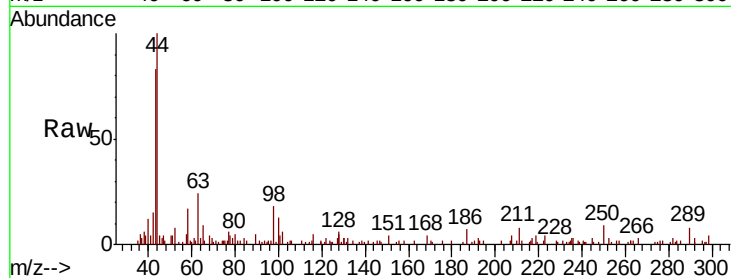
C0AD5

Tgt Ion: 43 Resp: 12000

Ion Ratio Lower Upper

43 100

58 28.9 0.0 53.4



#21

2-Butanone

Concen: 1.828 ug/L

RT: 6.69 min Scan# 882

Delta R.T. -0.00 min

Lab File: VR025559.D

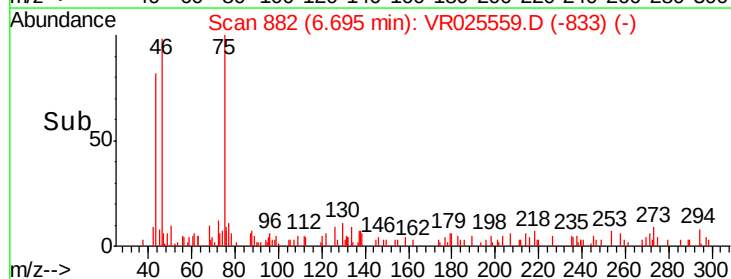
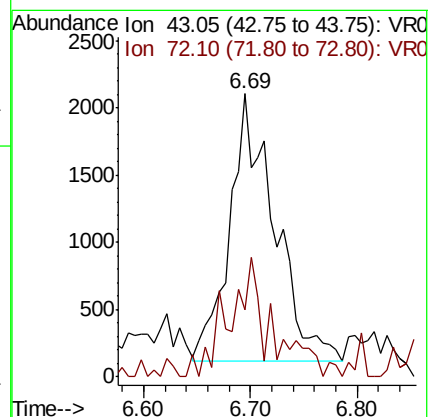
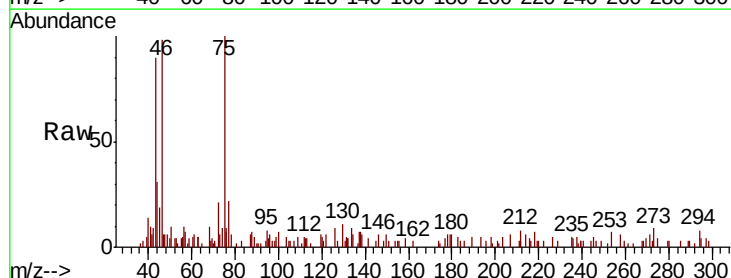
Acq: 6 Aug 2018 17:35

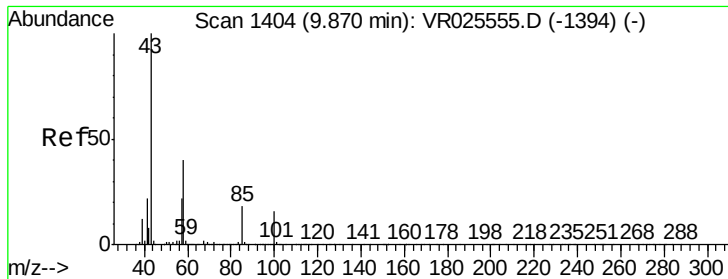
Tgt Ion: 43 Resp: 5843

Ion Ratio Lower Upper

43 100

72 28.3 13.2 39.6

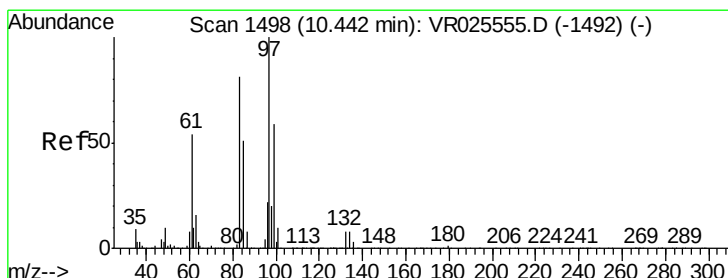
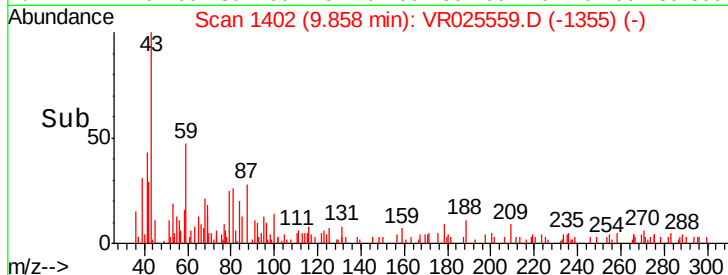
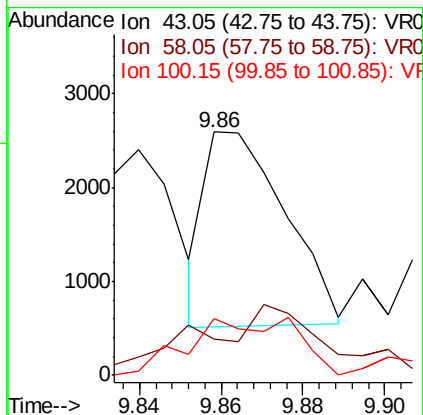
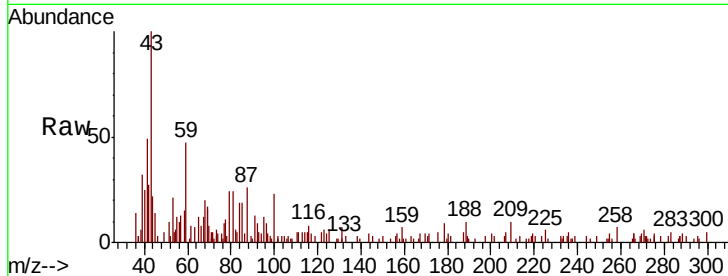




#40
4-Methyl-2-pentanone
Concen: 0.313 ug/L
RT: 9.86 min Scan# 1402
Delta R.T. -0.01 min
Lab File: VR025559.D
Acq: 6 Aug 2018 17:35

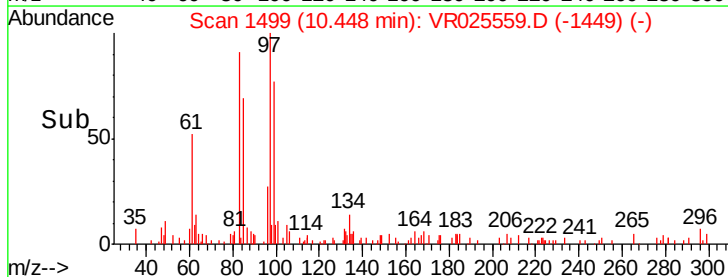
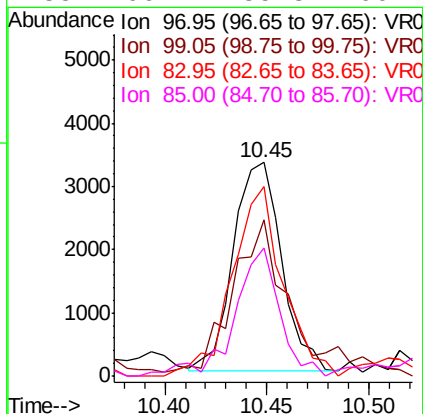
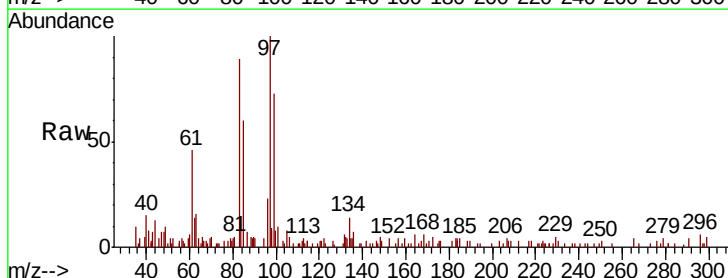
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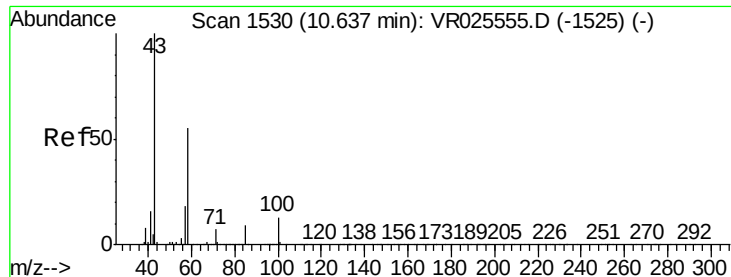
Tgt Ion: 43 Resp: 2841
Ion Ratio Lower Upper
43 100
58 44.9 31.0 46.6
100 0.0 11.9 17.9#



#45
1,1,2-Trichloroethane
Concen: 0.337 ug/L
RT: 10.45 min Scan# 1499
Delta R.T. 0.01 min
Lab File: VR025559.D
Acq: 6 Aug 2018 17:35

Tgt Ion: 97 Resp: 5408
Ion Ratio Lower Upper
97 100
99 73.2 43.4 80.6
83 88.7 57.3 106.5
85 60.1 35.8 66.4





#48

2-Hexanone

Concen: 0.285 ug/L

RT: 10.68 min Scan# 1537

Delta R.T. 0.04 min

Lab File: VR025559.D

Acq: 6 Aug 2018 17:35

Instrument :

MSVOA_R

ClientSampleId :

C0AD5

Tgt Ion: 43 Resp: 1750

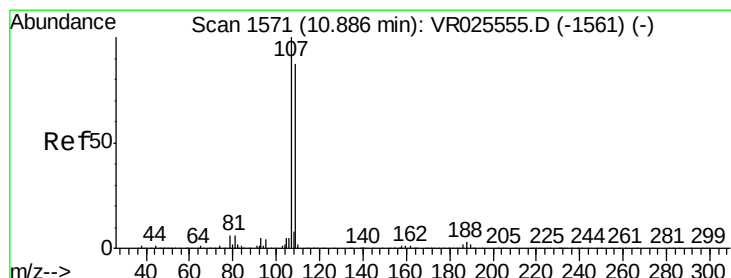
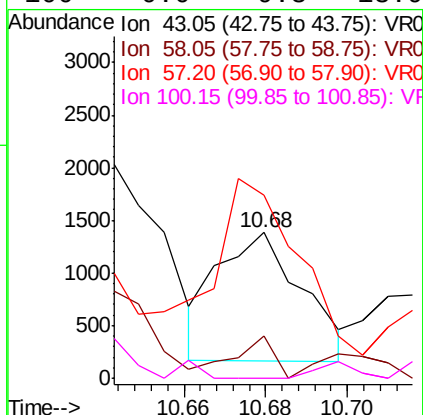
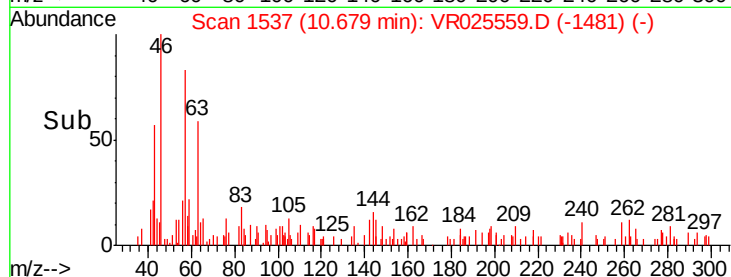
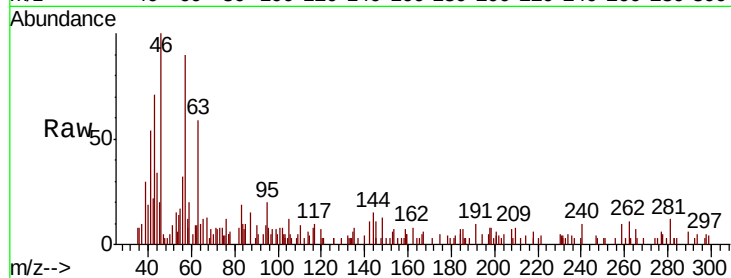
Ion Ratio Lower Upper

43 100

58 15.7 45.0 67.6#

57 160.5 15.8 23.6#

100 0.0 9.3 13.9#



#50

1,2-Dibromoethane

Concen: 0.278 ug/L

RT: 10.89 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VR025559.D

Acq: 6 Aug 2018 17:35

Tgt Ion: 107 Resp: 3727

Ion Ratio Lower Upper

107 100

109 98.7 60.6 112.6

188 4.5 2.4 3.6#

