

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100118\
 Data File : VR025911.D
 Acq On : 1 Oct 2018 14:36
 Operator : SY/MD
 Sample : J5114-01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0J66

Quant Time: Oct 02 01:47:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 01:45:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	487650	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	395849	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	137212	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	170091	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	2.63	69	153038	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	3.63	63	306966	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	6.59	46	236369	55.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.28%
24) Chloroform-d	7.20	84	322339	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	7.89	65	145997	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	7.85	84	620648	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	8.90	67	180110	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	9.97	98	561213	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	10.24	79	40686	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	10.59	63	178873	58.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.40%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	70881	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	108965	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

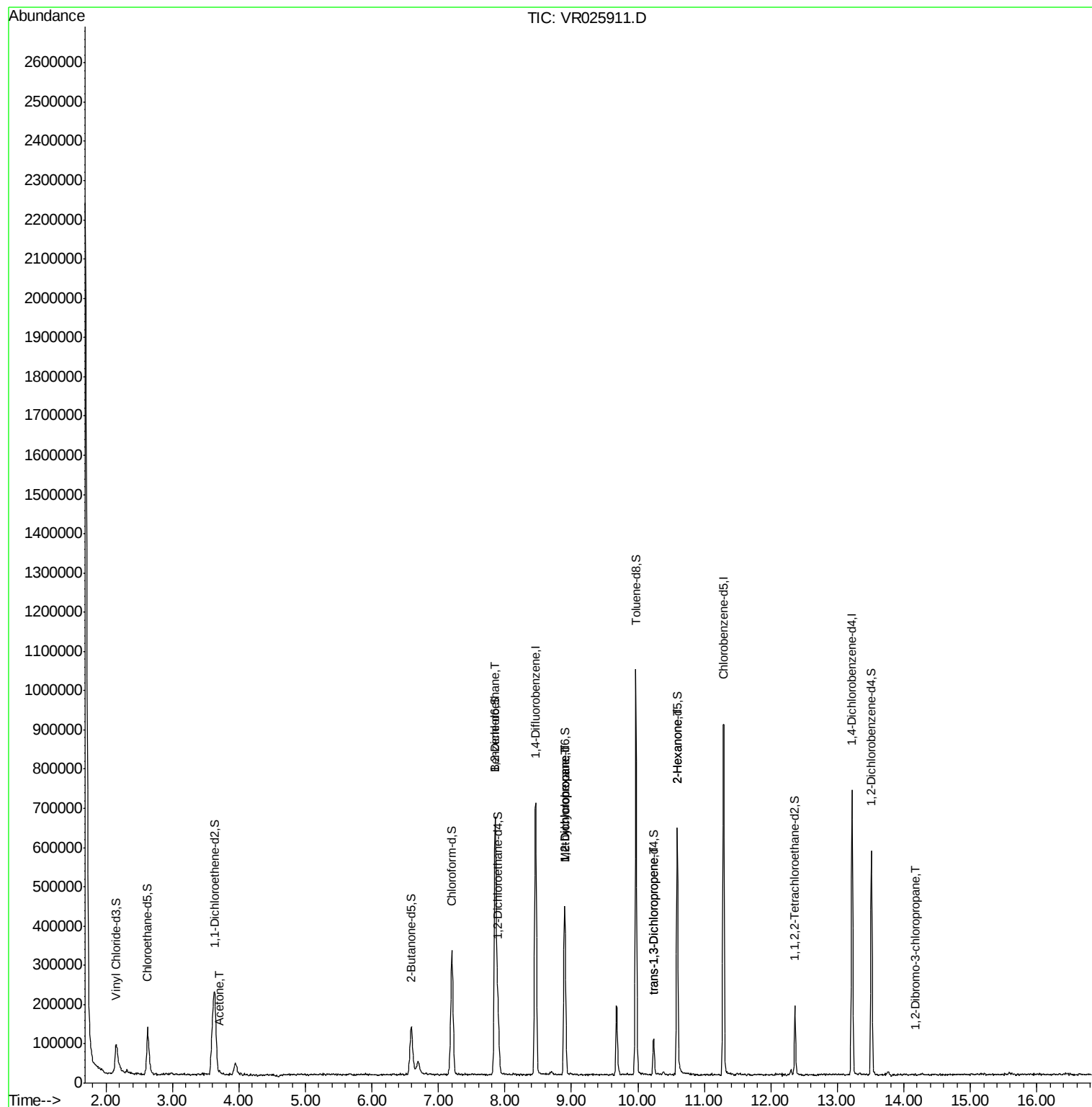
					Ovalue
13) Acetone	3.70	43	5735	1.846 ug/L	97
27) 1,2-Dichloroethane	7.85	62	5276	0.180 ug/L	99
35) Methylcyclohexane	8.90	83	42437	0.807 ug/L #	16
37) 1,2-Dichloropropane	8.90	63	24341	0.855 ug/L #	93
44) trans-1,3-Dichloropropene	10.24	75	2814	0.135 ug/L	98
48) 2-Hexanone	10.59	43	28824	4.396 ug/L #	70
66) 1,2-Dibromo-3-chloropropan	14.17	75	233	0.172 ug/L #	42

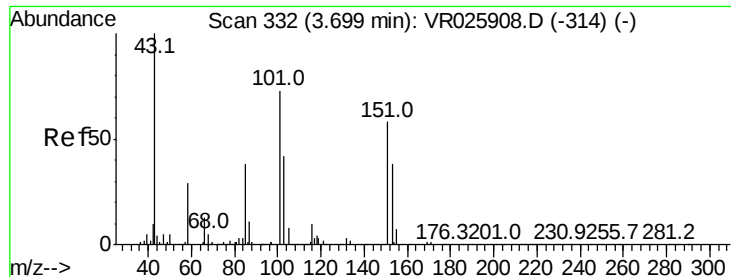
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.846 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.00 min

Lab File: VR025911.D

Acq: 1 Oct 2018 14:36

Instrument :

MSVOA_R

ClientSampled :

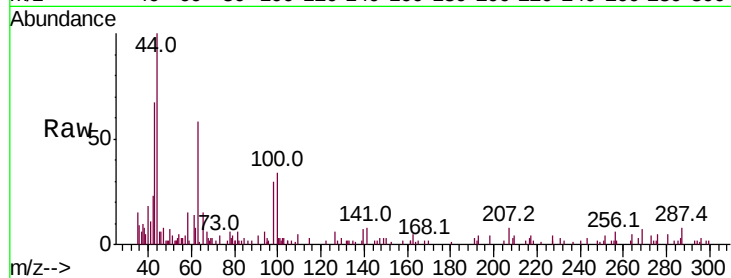
C0J66

Tot Ion: 43 Resp: 5735

Ion Ratio Lower Upper

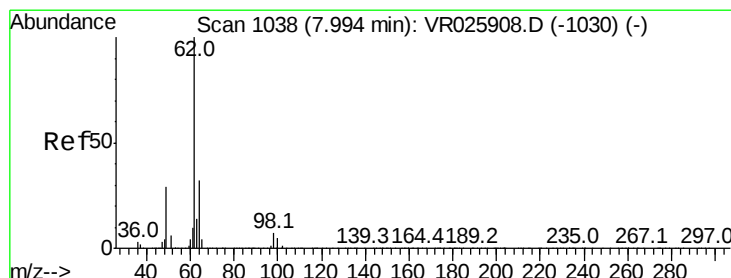
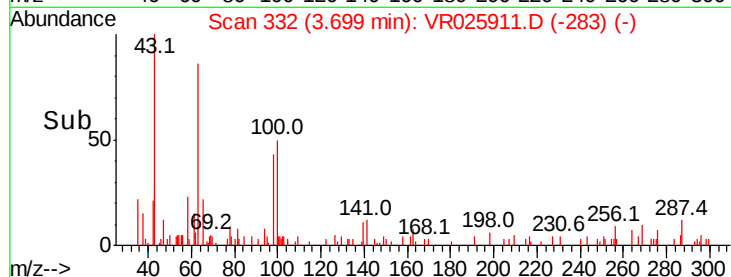
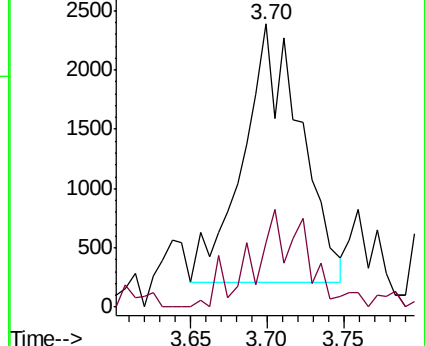
43 100

58 24.0 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#27

1,2-Dichloroethane

Concen: 0.180 ug/L

RT: 7.85 min Scan# 1014

Delta R.T. -0.15 min

Lab File: VR025911.D

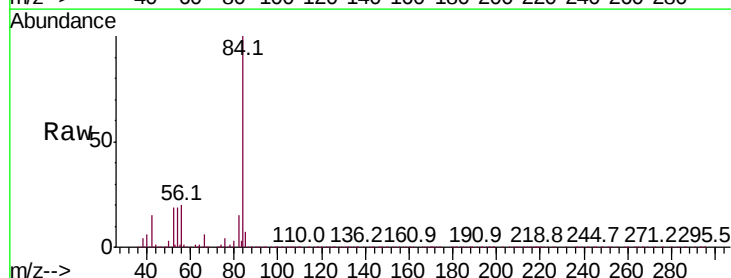
Acq: 1 Oct 2018 14:36

Tgt Ion: 62 Resp: 5276

Ion Ratio Lower Upper

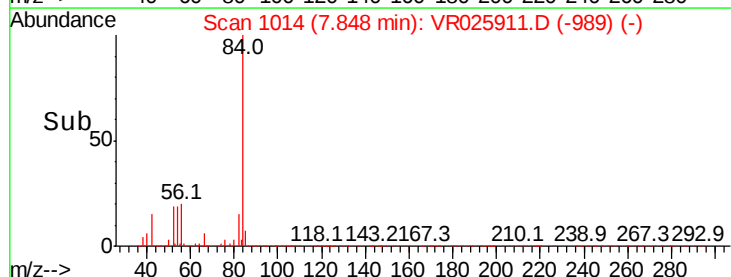
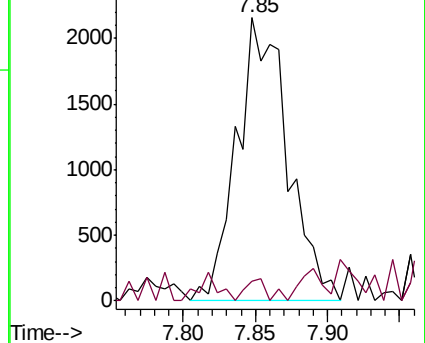
62 100

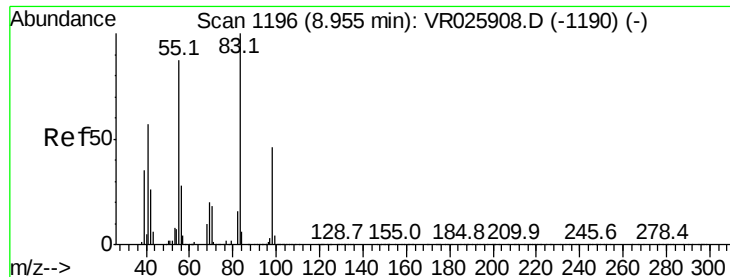
98 6.9 5.2 7.8



Abundance Ion 62.00 (61.70 to 62.70): VR0

Ion 98.05 (97.75 to 98.75): VR0

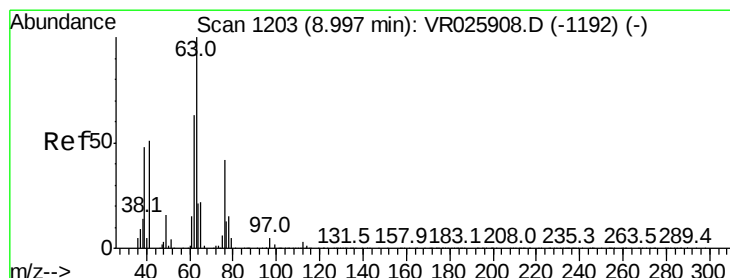
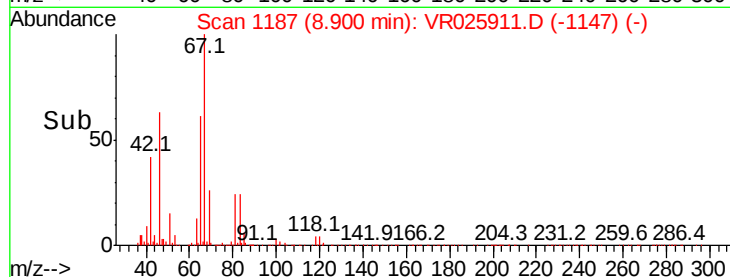
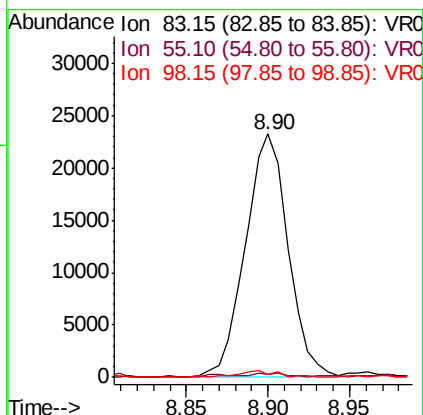
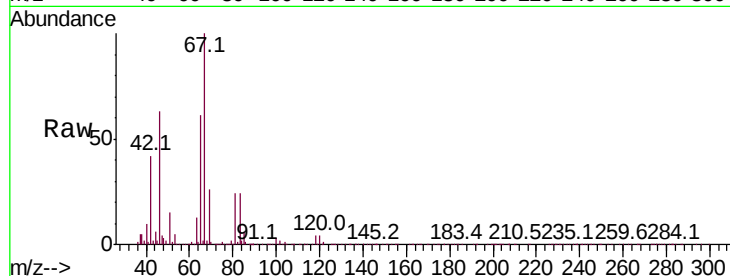




#35
Methvlcvclohexane
Concen: 0.807 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025911.D
Acq: 1 Oct 2018 14:36

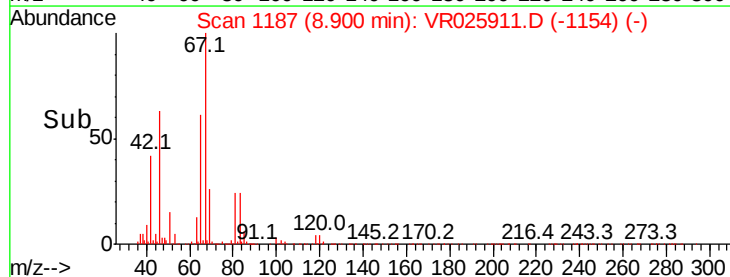
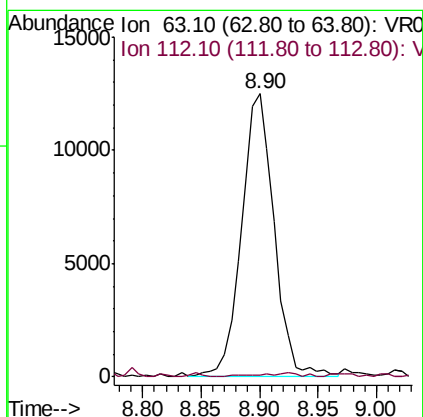
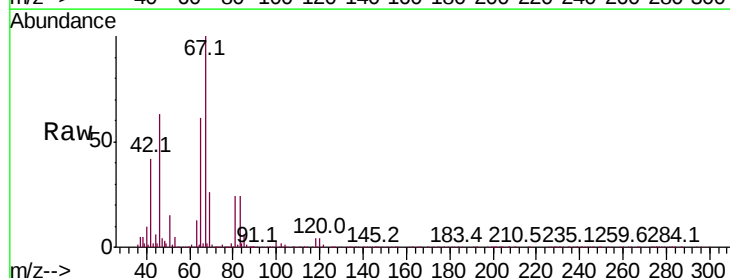
Instrument :
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ClientSampleId :
C0J66

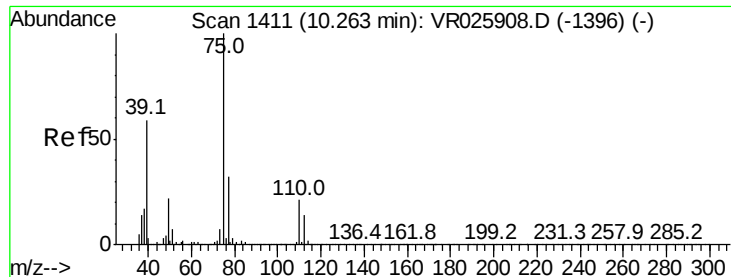
Tot Ion: 83 Resp: 42437
Ion Ratio Lower Upper
83 100
55 1.2 71.8 107.6#
98 2.8 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.855 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR025911.D
Acq: 1 Oct 2018 14:36

Tgt Ion: 63 Resp: 24341
Ion Ratio Lower Upper
63 100
112 0.9 2.5 3.7#





#44

trans-1,3-Dichloropropene

Concen: 0.135 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR025911.D

Acq: 1 Oct 2018 14:36

Instrument :

MSVOA_R

ClientSampleId :

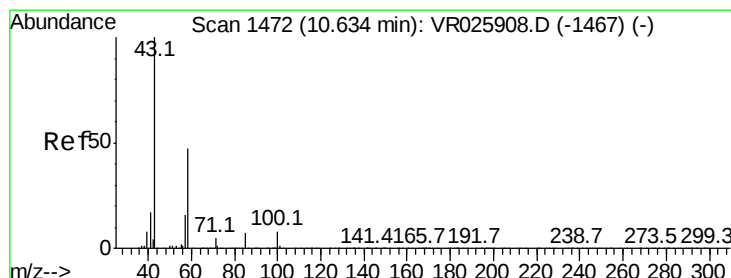
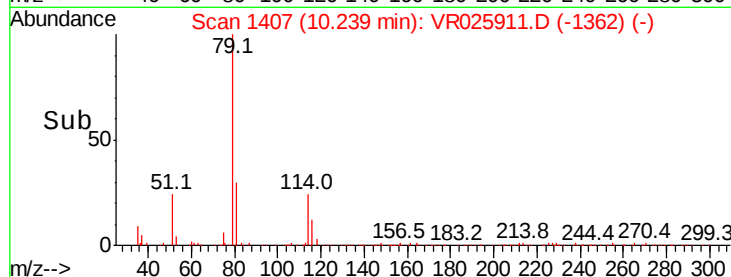
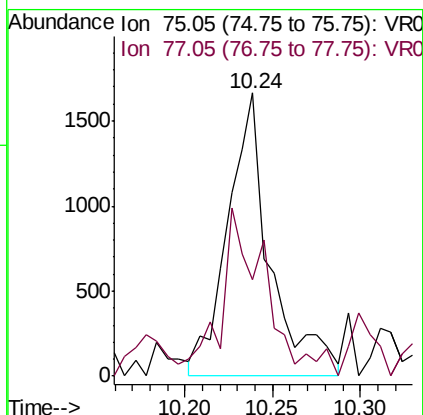
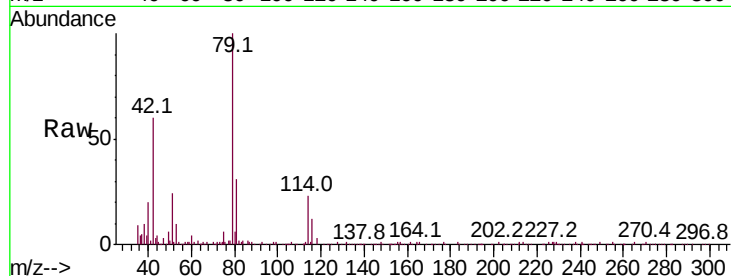
C0J66

Tot Ion: 75 Resp: 2814

Ion Ratio Lower Upper

75 100

77 33.9 23.0 42.8



#48

2-Hexanone

Concen: 4.396 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025911.D

Acq: 1 Oct 2018 14:36

Tgt Ion: 43 Resp: 28824

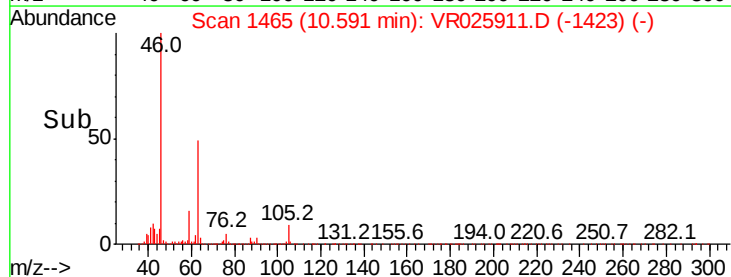
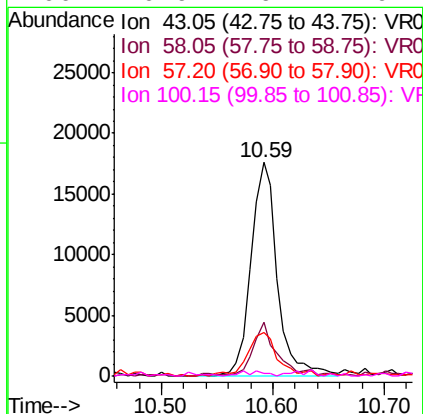
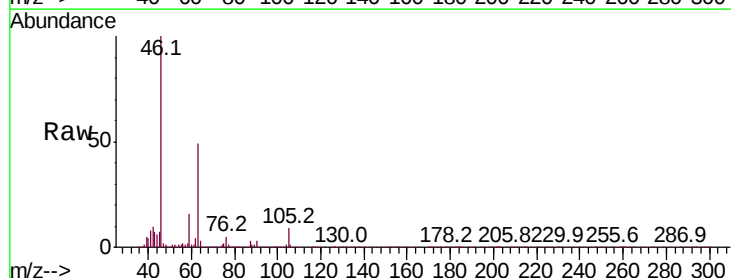
Ion Ratio Lower Upper

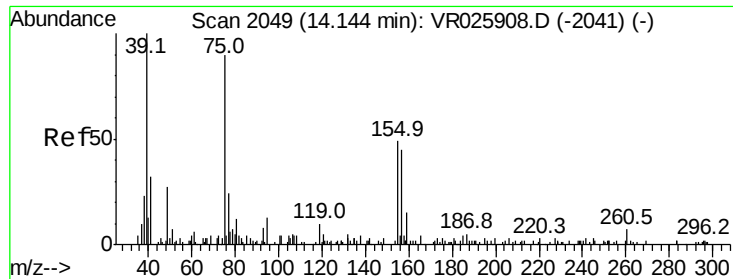
43 100

58 23.4 39.5 59.3#

57 23.5 14.6 21.8#

100 0.9 6.7 10.1#





#66

1,2-Dibromo-3-chloropropane

Concen: 0.172 ug/L

RT: 14.17 min Scan# 2053

Delta R.T. 0.02 min

Lab File: VR025911.D

Acq: 1 Oct 2018 14:36

Instrument :

MSVOA_R

ClientSampleId :

C0J66

Tot Ion: 75 Resp: 233

Ion Ratio Lower Upper

75 100

155 0.0 37.8 56.6#

157 24.2 49.7 74.5#

