

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100518\
 Data File : VR025951.D
 Acq On : 5 Oct 2018 11:28
 Operator : SY/MD
 Sample : VR1005WBL01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 06 04:22:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 06 04:21:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	441865	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	349895	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	115430	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	199678	5.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.60%
7) Chloroethane-d5	2.63	69	169355	5.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.00%
11) 1,1-Dichloroethene-d2	3.63	63	369686	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.40%
20) 2-Butanone-d5	6.59	46	184345	47.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.92%
24) Chloroform-d	7.20	84	293874	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	7.90	65	130875	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	7.85	84	611064	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	8.90	67	158046	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	9.97	98	575494	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
43) trans-1,3-Dichloropropene-	10.24	79	37714	5.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.00%
46) 2-Hexanone-d5	10.59	63	129982	47.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.70%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	59306	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	99019	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

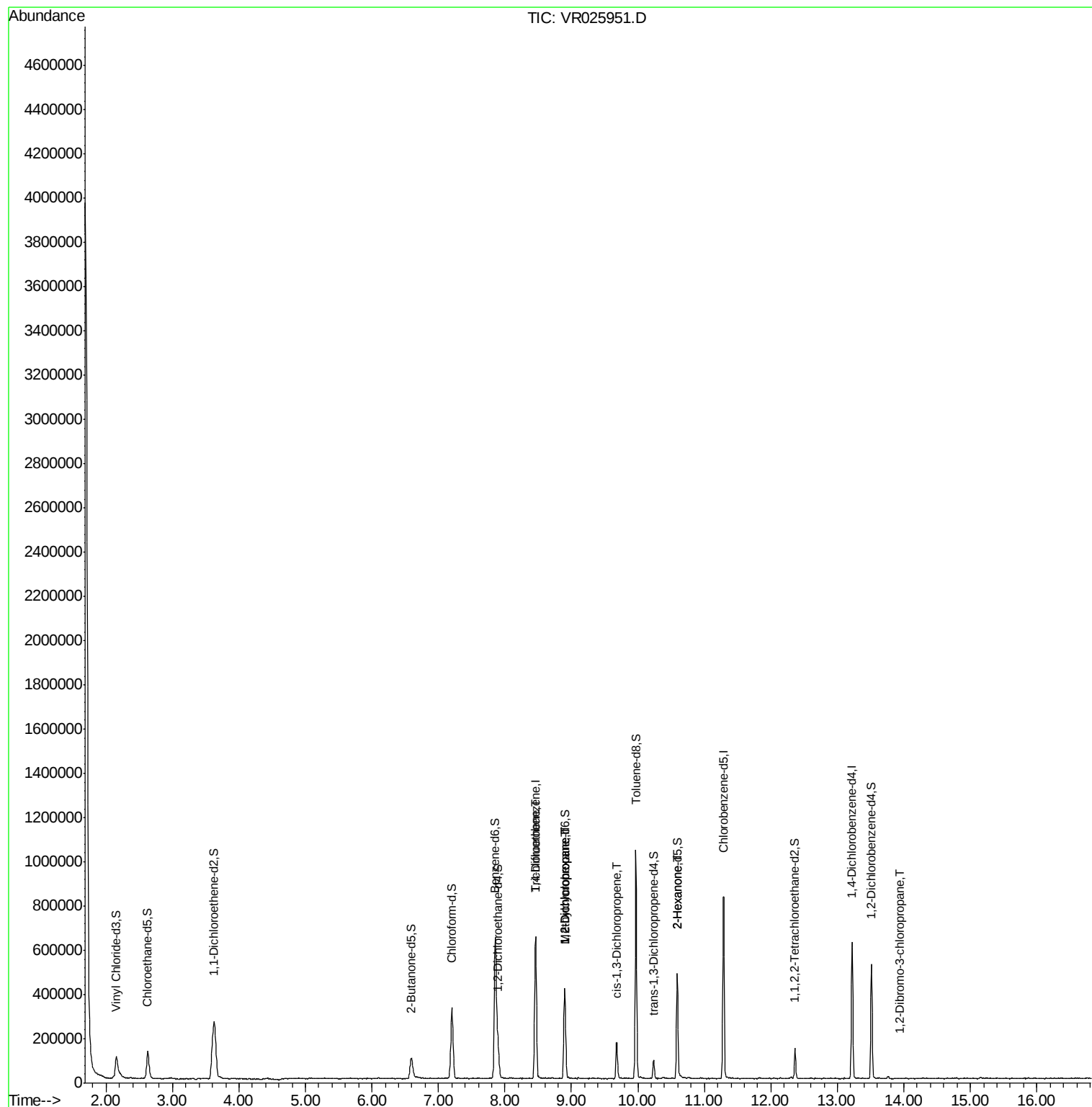
				Ovalue	
34) Trichloroethene	8.46	95	13929	0.450 ug/L #	14
35) Methylcyclohexane	8.90	83	39161	0.842 ug/L #	15
37) 1,2-Dichloropropane	8.90	63	20399	0.810 ug/L #	93
39) cis-1,3-Dichloropropene	9.69	75	4869	0.172 ug/L	96
48) 2-Hexanone	10.59	43	21204	3.658 ug/L #	70
66) 1,2-Dibromo-3-chloropropan	13.94	75	246	0.216 ug/L	92

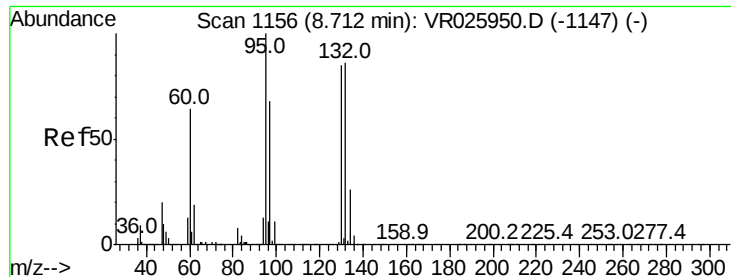
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#34

Trichloroethene

Concen: 0.450 ug/L

RT: 8.46 min Scan# 1115

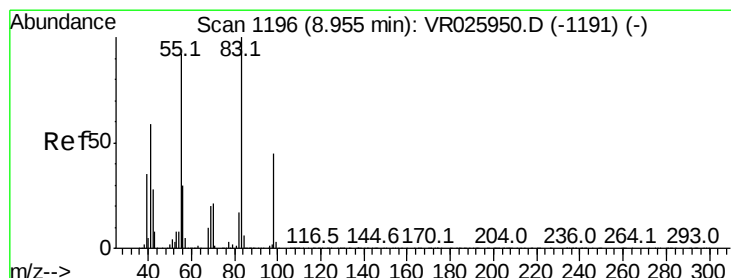
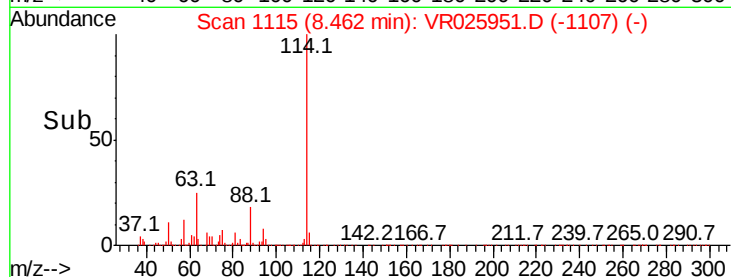
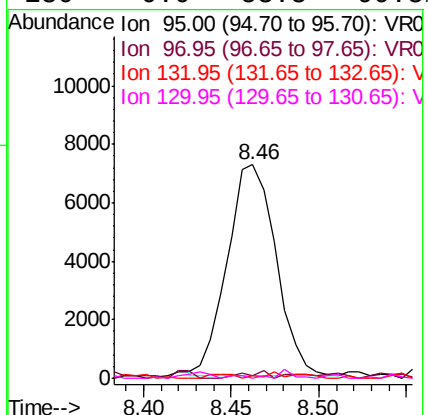
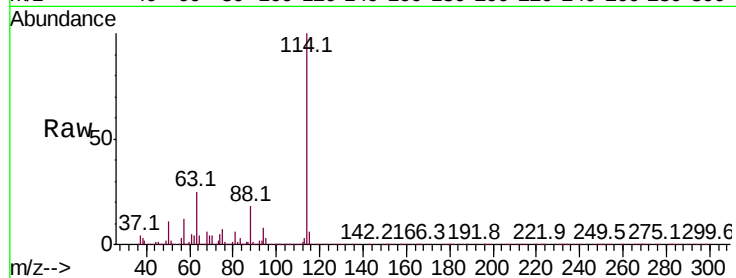
Delta R.T. -0.25 min

Lab File: VR025951.D

Acq: 5 Oct 2018 11:28

Instrument :
MSVOA_R
ClientSampled :

Tot Ion:	95	Resp:	13929
Ion	Ratio	Lower	Upper
95	100		
97	1.2	43.9	81.5#
132	1.1	53.3	98.9#
130	0.0	53.8	99.8#



#35

Methylcyclohexane

Concen: 0.842 ug/L

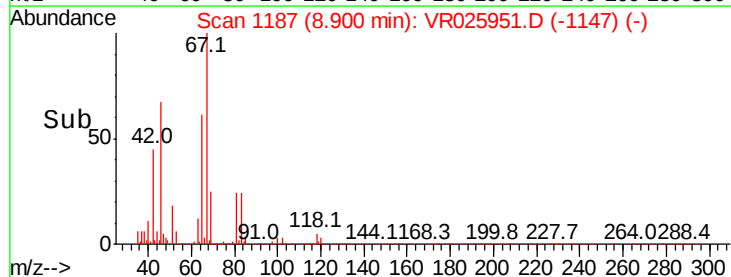
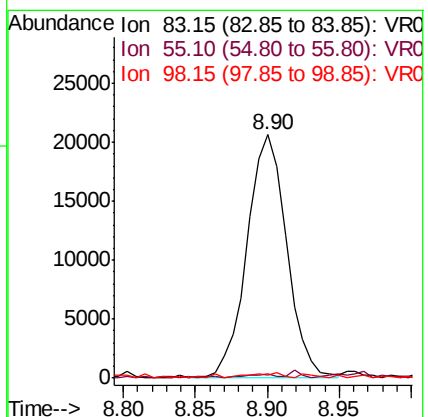
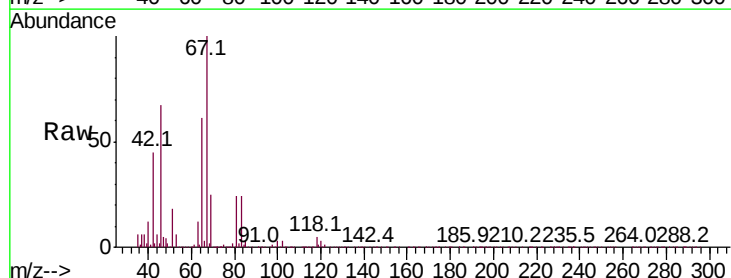
RT: 8.90 min Scan# 1187

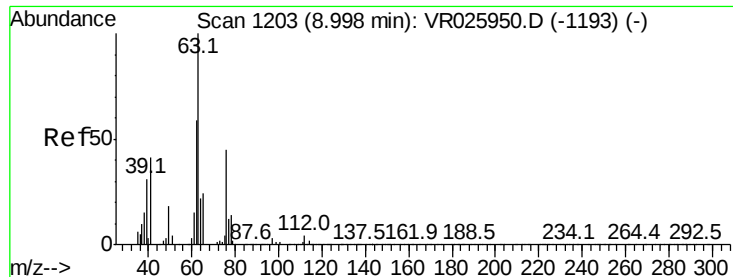
Delta R.T. -0.05 min

Lab File: VR025951.D

Acq: 5 Oct 2018 11:28

Tgt Ion:	83	Resp:	39161
Ion	Ratio	Lower	Upper
83	100		
55	1.2	71.8	107.6#
98	1.7	34.2	51.4#





#37

1,2-Dichloropropane

Concen: 0.810 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

Lab File: VR025951.D

Acq: 5 Oct 2018 11:28

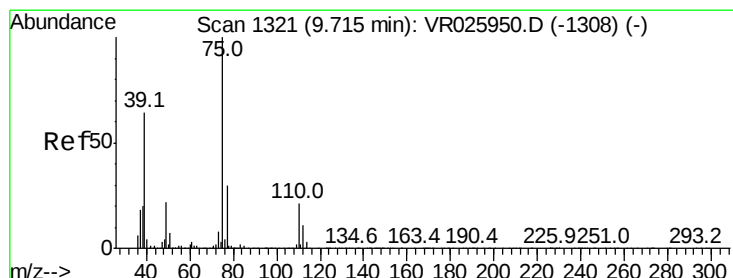
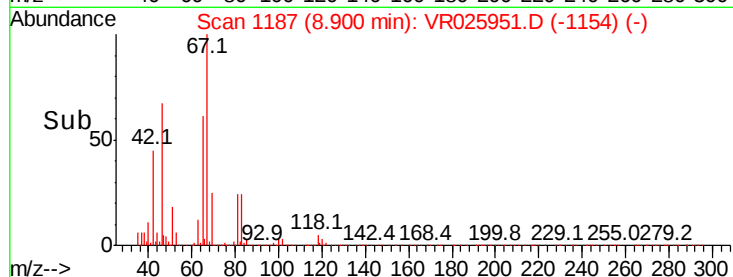
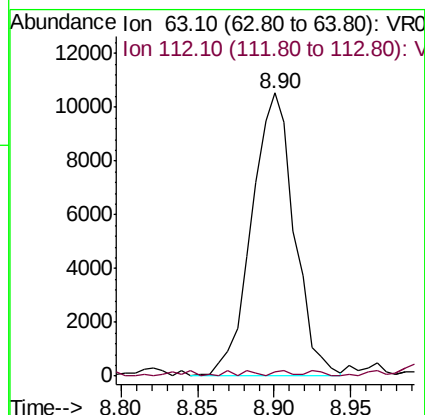
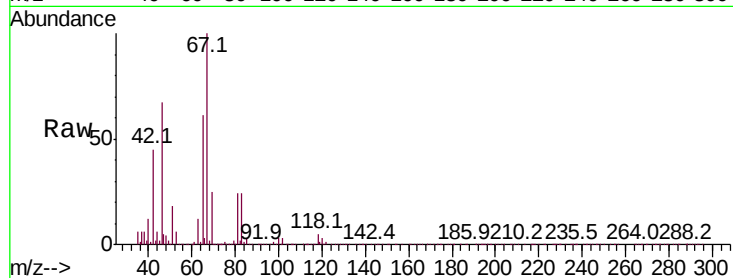
Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 63 Resp: 20399

Ion Ratio Lower Upper

63 100

112 0.9 2.5 3.7#



#39

cis-1,3-Dichloropropene

Concen: 0.172 ug/L

RT: 9.69 min Scan# 1316

Delta R.T. -0.03 min

Lab File: VR025951.D

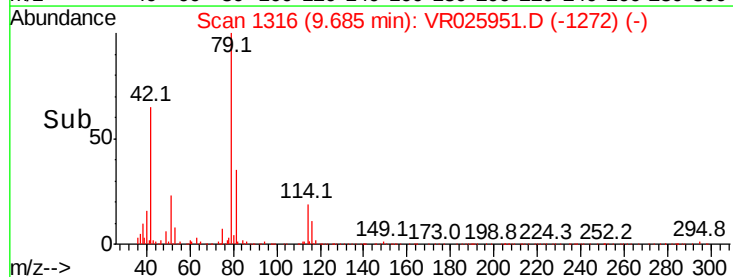
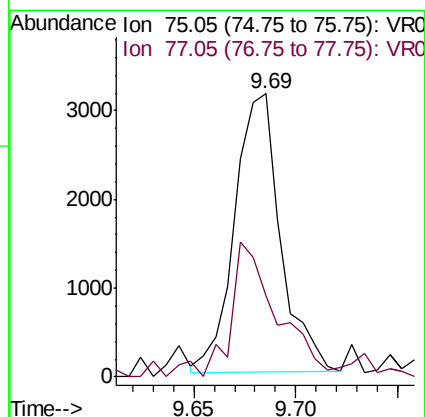
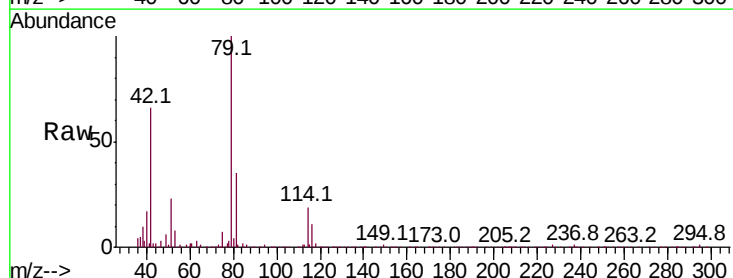
Acq: 5 Oct 2018 11:28

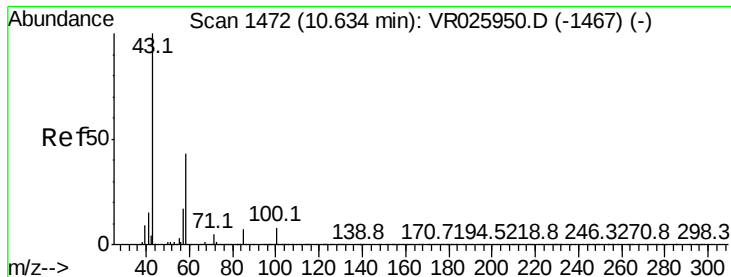
Tgt Ion: 75 Resp: 4869

Ion Ratio Lower Upper

75 100

77 28.6 21.5 39.9

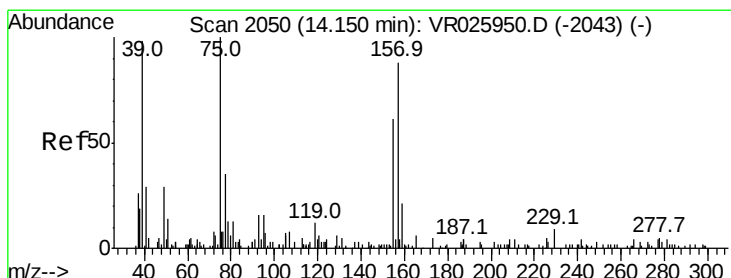
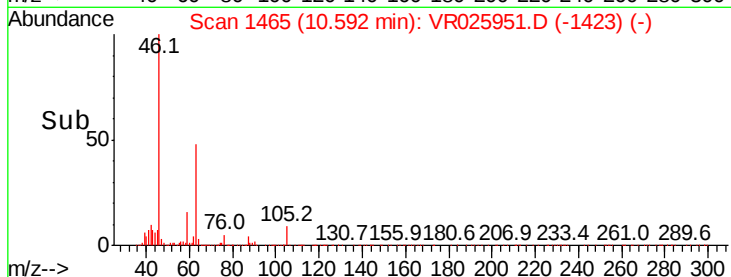
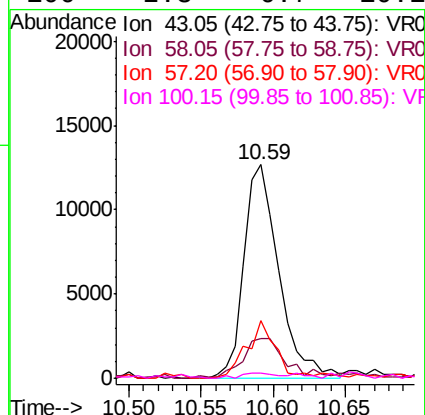
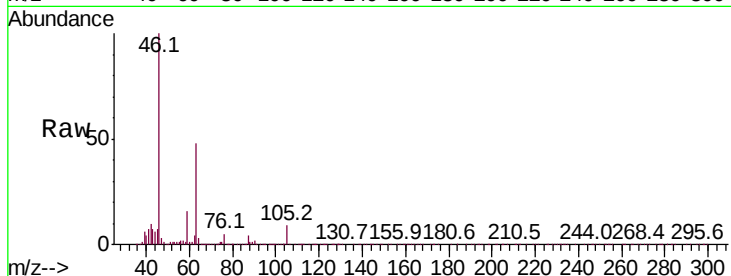




#48
2-Hexanone
Concen: 3.658 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR025951.D
Acq: 5 Oct 2018 11:28

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 43 Resp: 21204
Ion Ratio Lower Upper
43 100
58 23.3 39.5 59.3#
57 24.4 14.6 21.8#
100 2.3 6.7 10.1#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.216 ug/L
RT: 13.94 min Scan# 2015
Delta R.T. -0.21 min
Lab File: VR025951.D
Acq: 5 Oct 2018 11:28

Tgt Ion: 75 Resp: 246
Ion Ratio Lower Upper
75 100
155 43.6 37.8 56.6
157 54.7 49.7 74.5

