

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100318\
 Data File : VR025938.D
 Acq On : 3 Oct 2018 13:25
 Operator : SY/MD
 Sample : VR1003WBL01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VBLK09

Quant Time: Oct 04 08:46:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 04 08:45:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	451321	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	385638	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	132302	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	163886	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	2.63	69	146485	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	3.63	63	294483	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	6.59	46	193639	48.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.60%
24) Chloroform-d	7.20	84	266438	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	7.90	65	124040	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	7.86	84	534878	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
36) 1,2-Dichloropropane-d6	8.90	67	150248	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.80%
41) Toluene-d8	9.97	98	493571	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	10.24	79	35064	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	10.59	63	144775	48.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.72%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	62407	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	95289	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

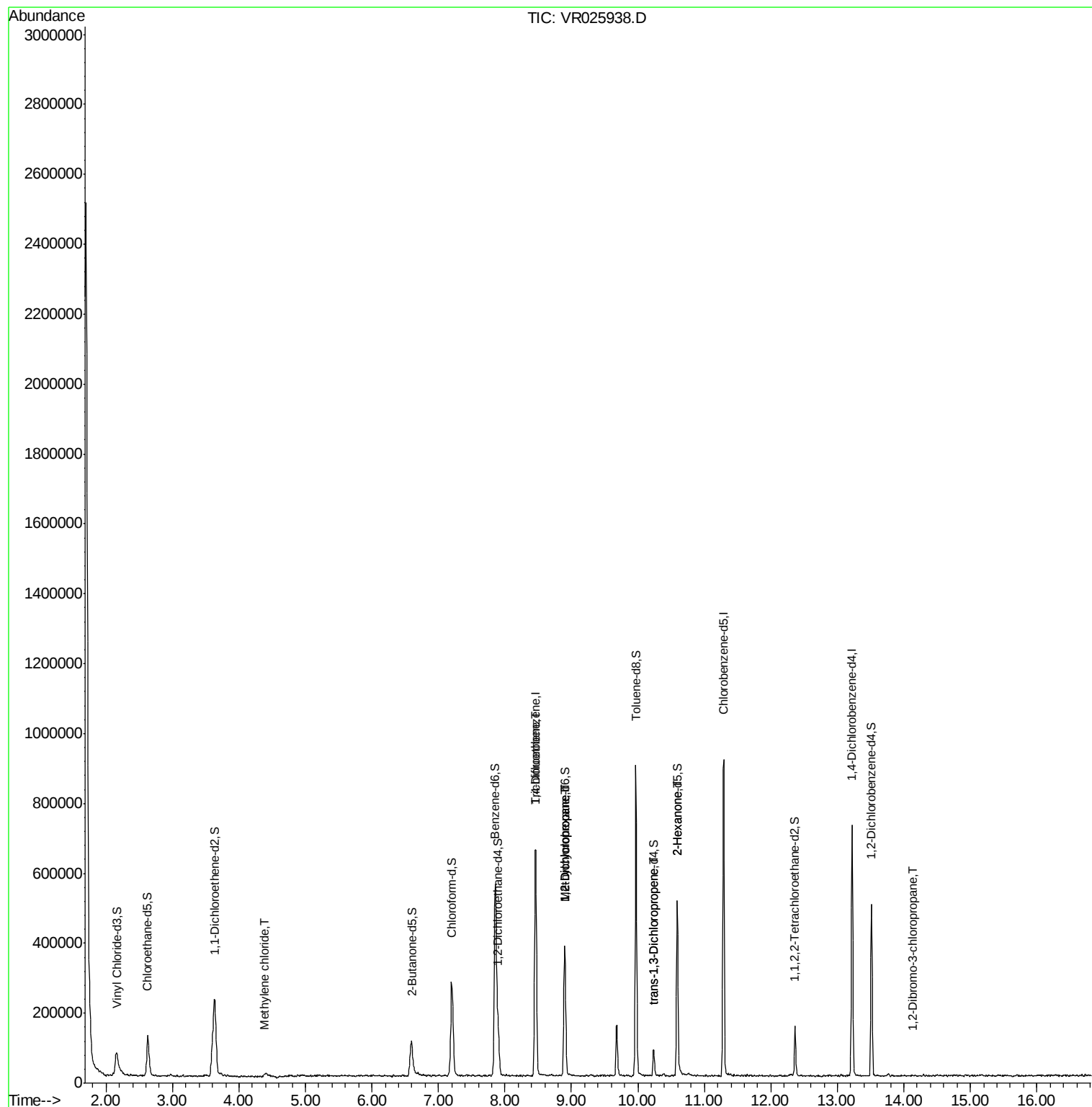
					Ovalue
16) Methylene chloride	4.38	84	3685	0.118 ug/L #	41
34) Trichloroethene	8.46	95	16525	0.485 ug/L #	15
35) Methylcyclohexane	8.90	83	38293	0.747 ug/L #	15
37) 1,2-Dichloropropane	8.89	63	19726	0.711 ug/L #	92
44) trans-1,3-Dichloropropene	10.23	75	2371	0.117 ug/L	85
48) 2-Hexanone	10.59	43	23174	3.628 ug/L #	69
66) 1,2-Dibromo-3-chloropropan	14.12	75	252	0.193 ug/L #	56

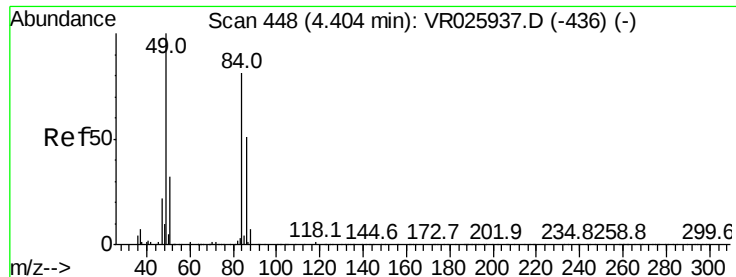
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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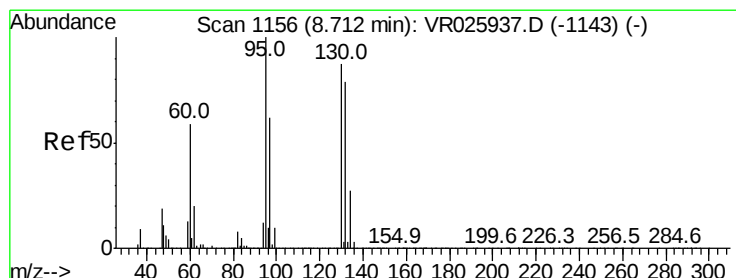
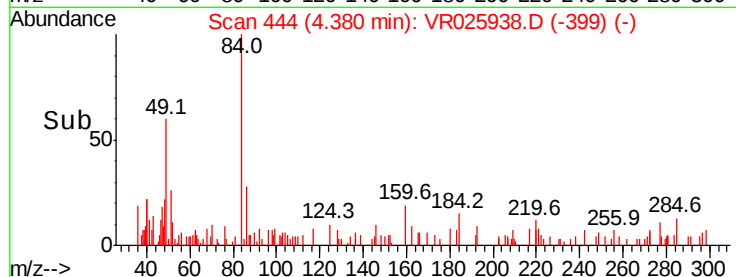
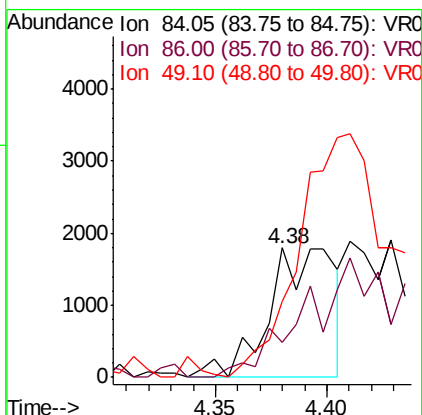
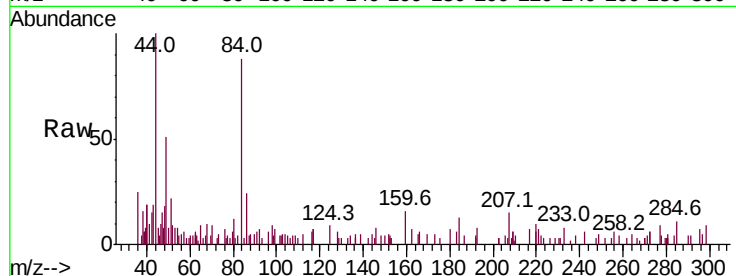




#16
Methylene chloride
Concen: 0.118 ug/L
RT: 4.38 min Scan# 444
Delta R.T. -0.02 min
Lab File: VR025938.D
Acq: 3 Oct 2018 13:25

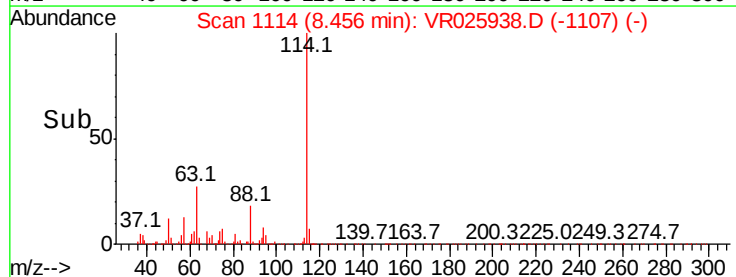
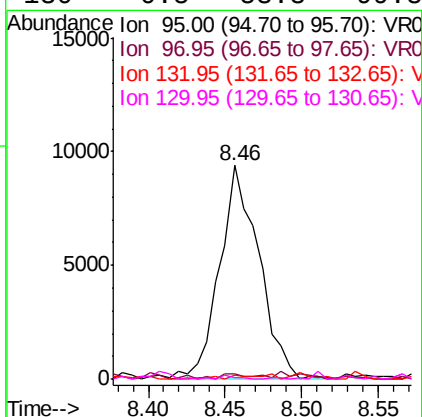
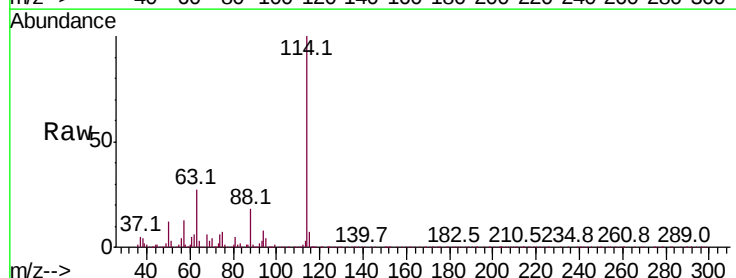
Instrument :
MSVOA_R
ClientSampled :
VBLK09

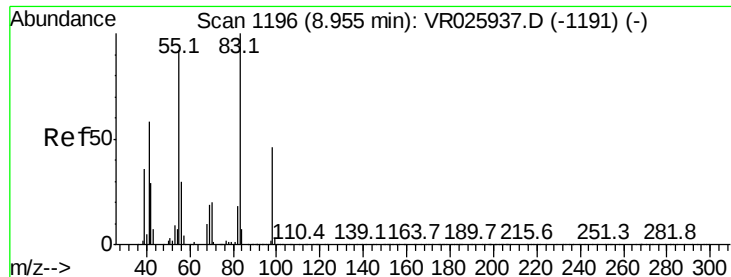
Tot Ion: 84 Resp: 3685
Ion Ratio Lower Upper
84 100
86 26.9 43.1 80.1#
49 58.3 95.5 177.3#



#34
Trichloroethene
Concen: 0.485 ug/L
RT: 8.46 min Scan# 1114
Delta R.T. -0.26 min
Lab File: VR025938.D
Acq: 3 Oct 2018 13:25

Tgt Ion: 95 Resp: 16525
Ion Ratio Lower Upper
95 100
97 2.1 43.9 81.5#
132 1.5 53.3 98.9#
130 0.5 53.8 99.8#

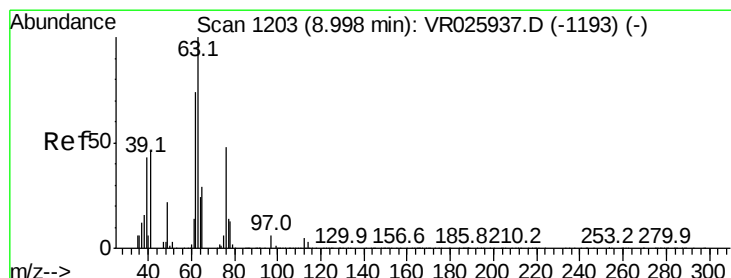
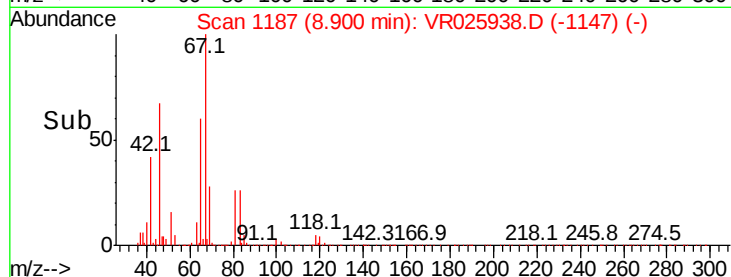
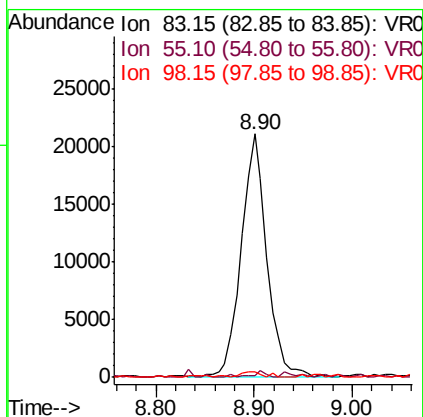
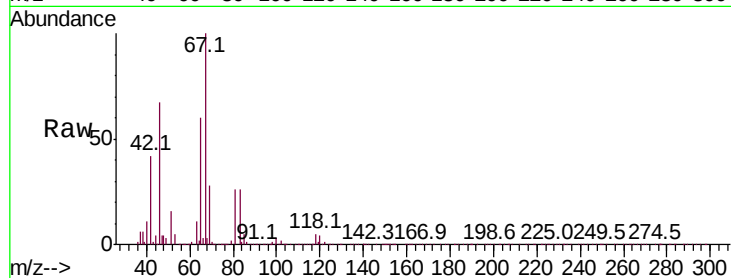




#35
Methvlcvclohexane
Concen: 0.747 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025938.D
Acq: 3 Oct 2018 13:25

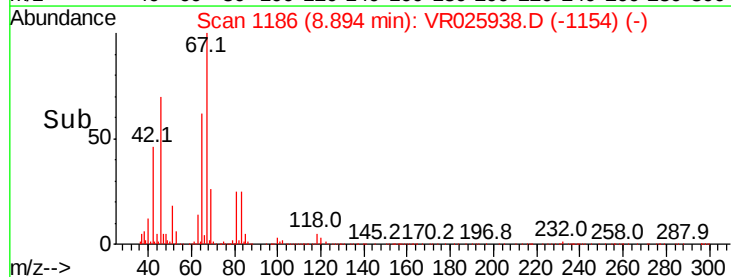
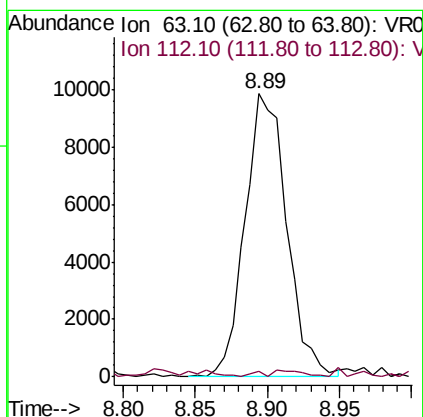
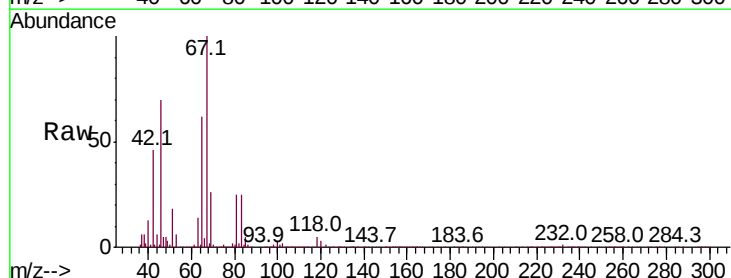
Instrument :
MSVOA_R
ClientSampleId :
VBLK09

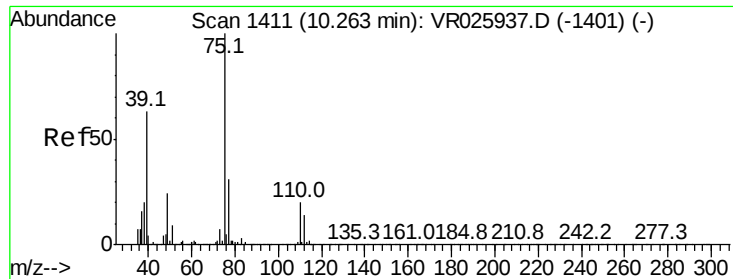
Tot Ion: 83 Resp: 38293
Ion Ratio Lower Upper
83 100
55 0.9 71.8 107.6#
98 1.4 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.711 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR025938.D
Acq: 3 Oct 2018 13:25

Tgt Ion: 63 Resp: 19726
Ion Ratio Lower Upper
63 100
112 0.6 2.5 3.7#





#44

trans-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 10.23 min Scan# 1406

Delta R.T. -0.03 min

Lab File: VR025938.D

Acq: 3 Oct 2018 13:25

Instrument :

MSVOA_R

ClientSampleId :

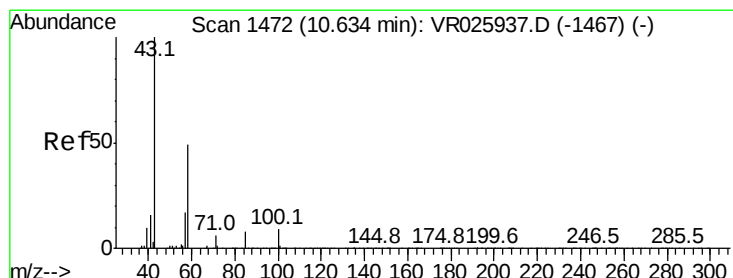
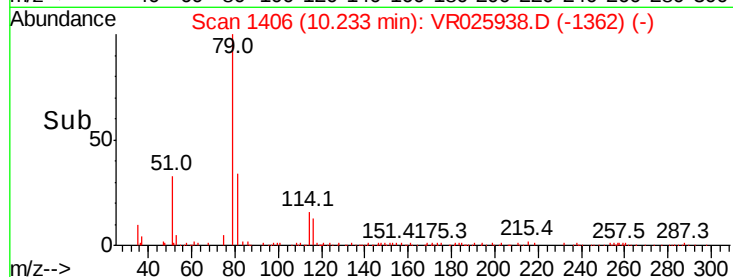
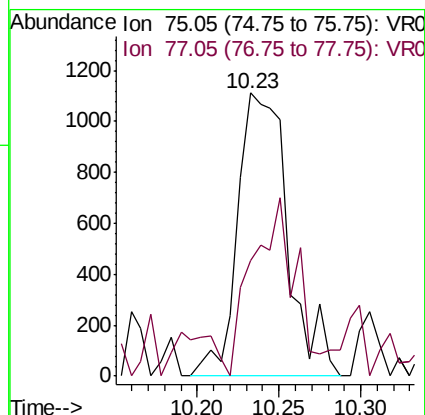
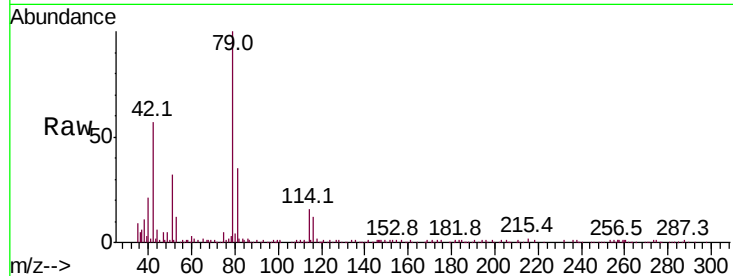
VBLK09

Tot Ion: 75 Resp: 2371

Ion Ratio Lower Upper

75 100

77 41.1 23.0 42.8



#48

2-Hexanone

Concen: 3.628 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025938.D

Acq: 3 Oct 2018 13:25

Tgt Ion: 43 Resp: 23174

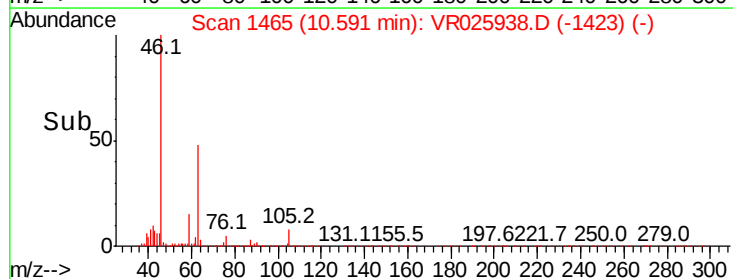
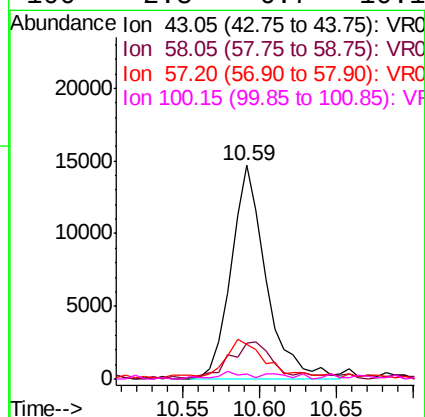
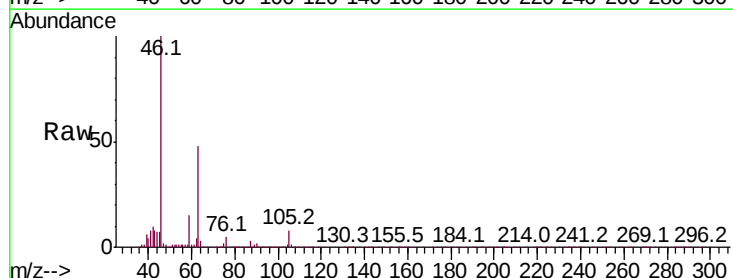
Ion Ratio Lower Upper

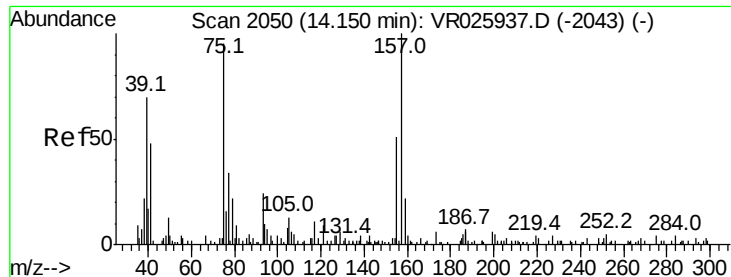
43 100

58 20.9 39.5 59.3#

57 21.3 14.6 21.8

100 2.8 6.7 10.1#





#66

1,2-Dibromo-3-chloropropane

Concen: 0.193 ug/L

RT: 14.12 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VR025938.D

Acq: 3 Oct 2018 13:25

Instrument :

MSVOA_R

ClientSampleId :

VBLK09

Tot Ion: 75 Resp: 252

Ion Ratio Lower Upper

75 100

155 24.7 37.8 56.6#

157 101.9 49.7 74.5#

