

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101118\
 Data File : VR026046.D
 Acq On : 11 Oct 2018 15:49
 Operator : SY/MD
 Sample : J5315-13
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 12 08:10:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 12 08:06:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	443868	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	387873	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	128934	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	130565	3.73	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.60%
7) Chloroethane-d5	2.63	69	128995	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	3.63	63	241431	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	6.59	46	244198	62.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.16%
24) Chloroform-d	7.20	84	279338	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	7.90	65	132807	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	7.85	84	505603	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
36) 1,2-Dichloropropane-d6	8.90	67	156325	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	9.97	98	435331	3.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.80%
43) trans-1,3-Dichloropropene-	10.24	79	33843	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	10.59	63	188114	62.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.94%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	74615	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	100560	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

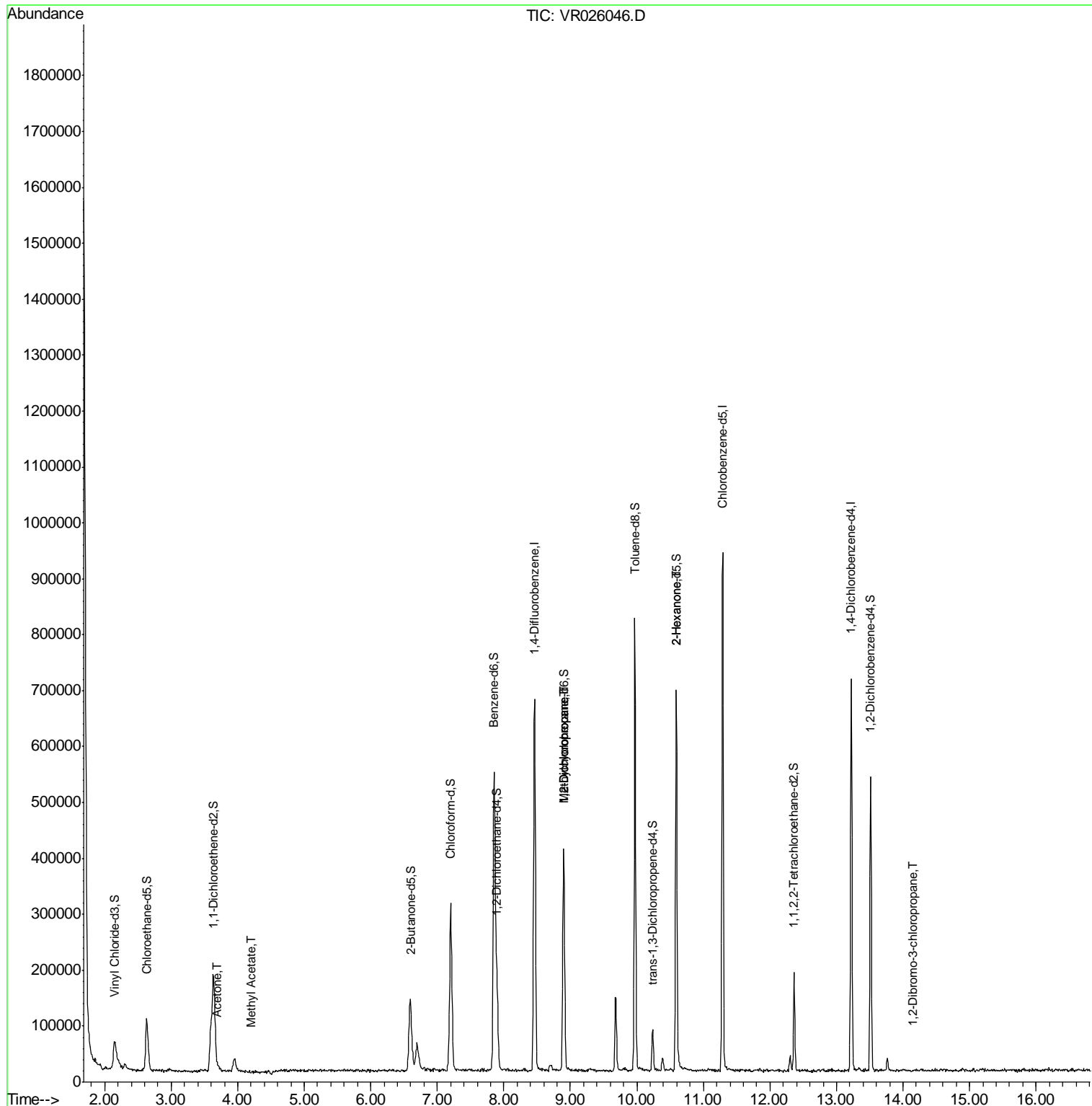
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	3.70	43	8389	2.966	ug/L	79
15) Methyl Acetate	4.19	43	1259	0.161	ug/L #	65
35) Methylcyclohexane	8.90	83	35321	0.685	ug/L #	16
37) 1,2-Dichloropropane	8.89	63	20383	0.730	ug/L	98
48) 2-Hexanone	10.59	43	28258	4.398	ug/L #	71
66) 1,2-Dibromo-3-chloropropan	14.15	75	218	0.171	ug/L #	82

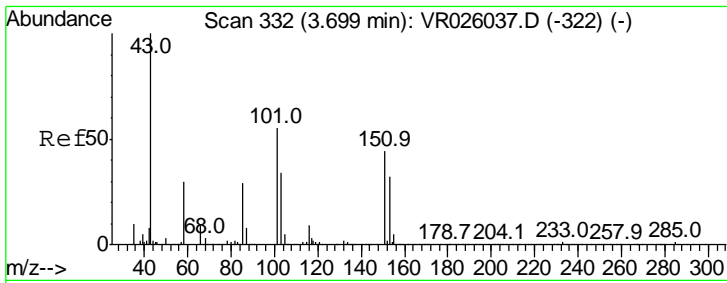
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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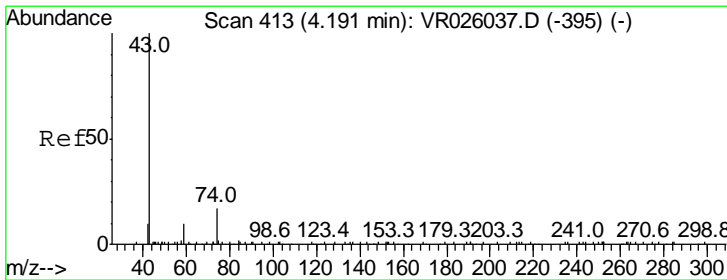
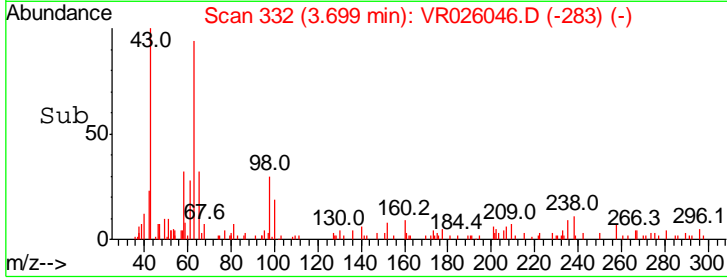
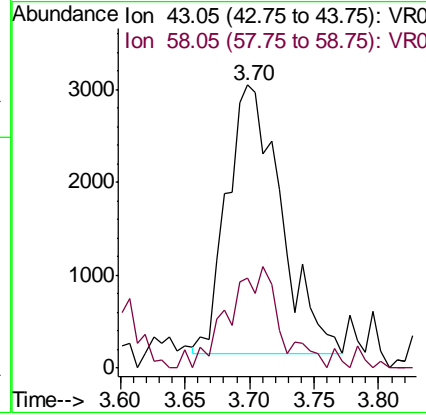
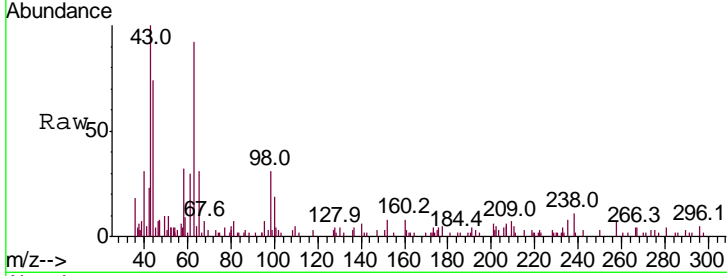




#13
 Acetone
 Concen: 2.966 ug/L
 RT: 3.70 min Scan# 332
 Delta R.T. -0.00 min
 Lab File: VR026046.D
 Acq: 11 Oct 2018 15:49

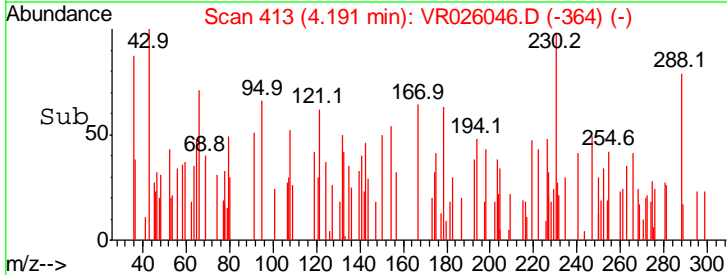
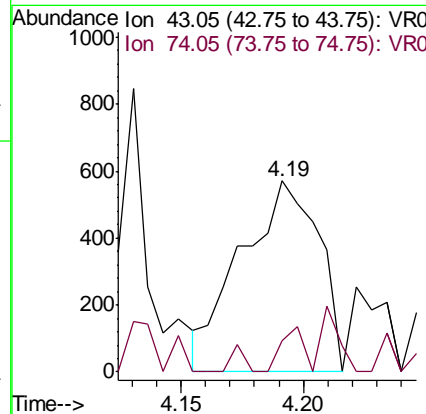
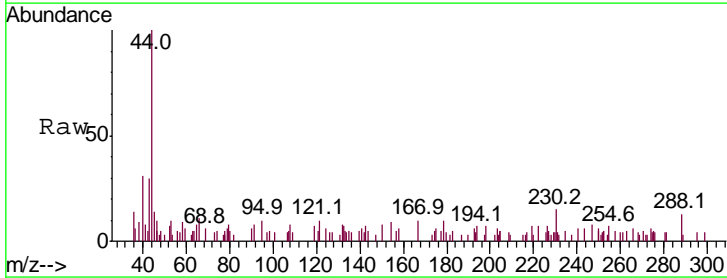
Instrument :
 MSVOA_R
 ClientSampled :

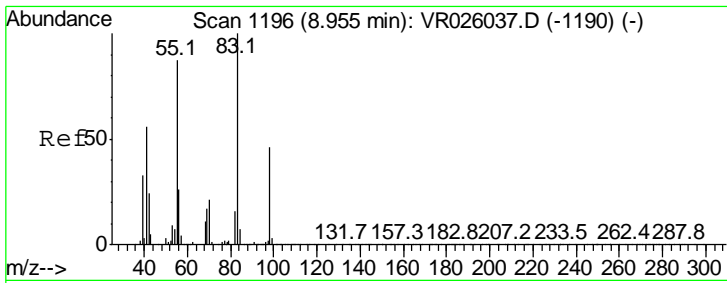
Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.3	0.0	51.4



#15
 Methyl Acetate
 Concen: 0.161 ug/L
 RT: 4.19 min Scan# 413
 Delta R.T. -0.00 min
 Lab File: VR026046.D
 Acq: 11 Oct 2018 15:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	6.6	19.0	28.4#

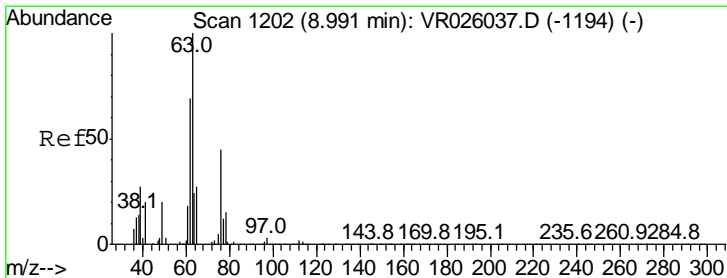
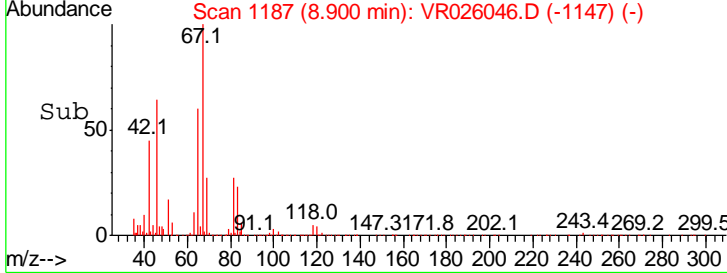
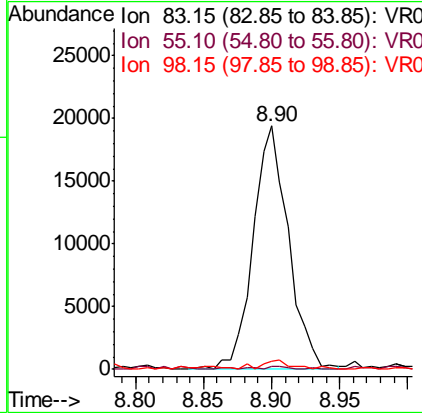
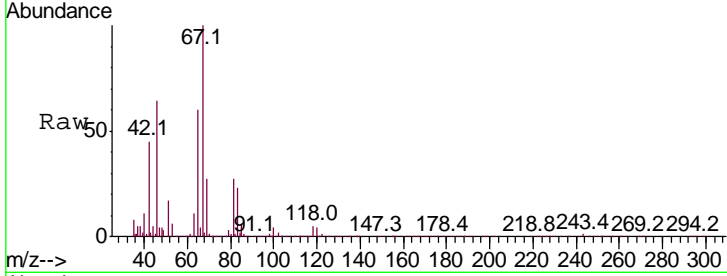




#35
 Methylcyclohexane
 Concen: 0.685 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.05 min
 Lab File: VR026046.D
 Acq: 11 Oct 2018 15:49

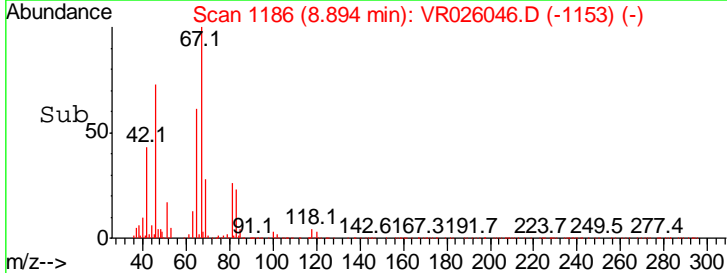
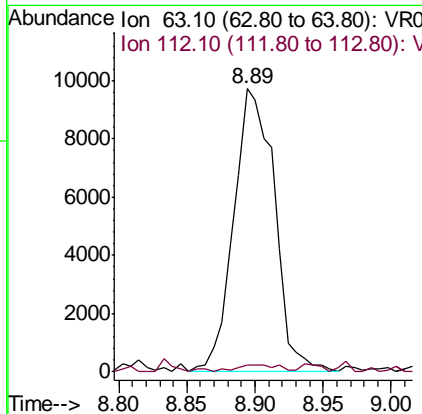
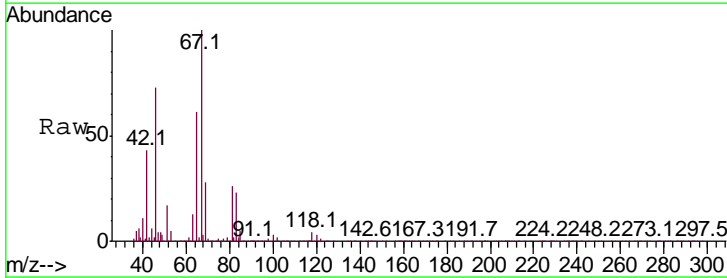
Instrument :
 MSVOA_R
 ClientSampled :

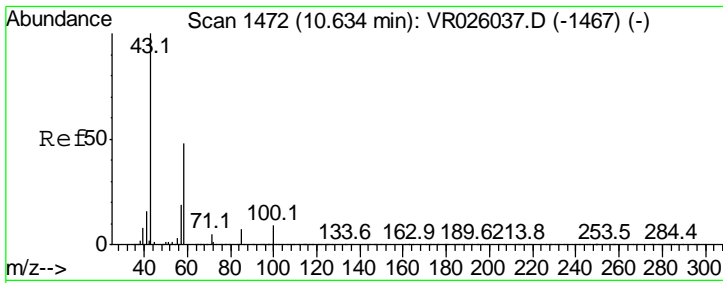
Tgt Ion	Resp	Lower	Upper
83	100		
55	0.7	71.8	107.6#
98	3.7	34.2	51.4#



#37
 1,2-Dichloropropane
 Concen: 0.730 ug/L
 RT: 8.89 min Scan# 1186
 Delta R.T. -0.10 min
 Lab File: VR026046.D
 Acq: 11 Oct 2018 15:49

Tgt Ion	Resp	Lower	Upper
63	100		
112	2.6	2.5	3.7

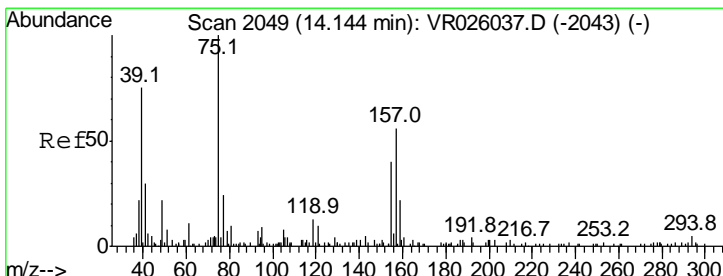
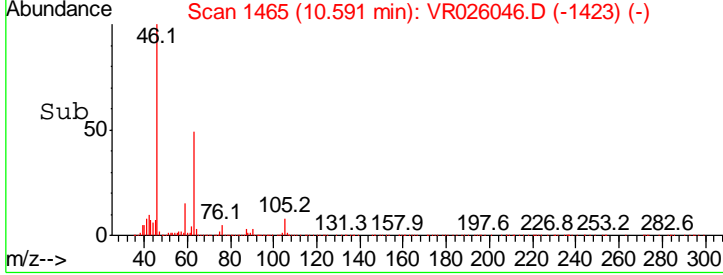
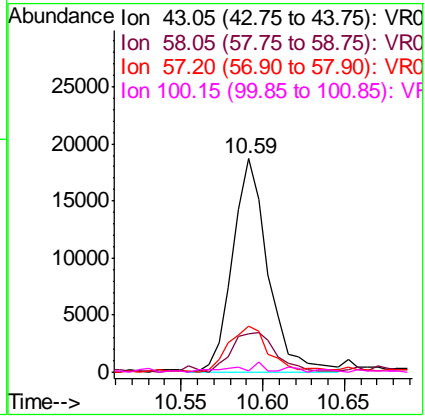
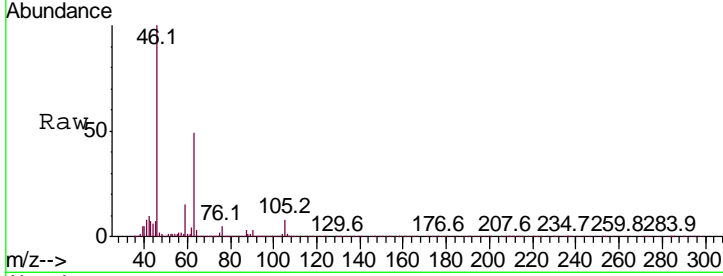




#48
 2-Hexanone
 Concen: 4.398 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR026046.D
 Acq: 11 Oct 2018 15:49

Instrument : MSVOA_R
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
43	100		
58	23.6	39.5	59.3#
57	24.0	14.6	21.8#
100	3.4	6.7	10.1#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.171 ug/L
 RT: 14.15 min Scan# 2050
 Delta R.T. 0.01 min
 Lab File: VR026046.D
 Acq: 11 Oct 2018 15:49

Tgt Ion	Resp	Lower	Upper
75	100		
155	39.1	37.8	56.6
157	44.2	49.7	74.5#

