

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100518\
 Data File : VR025961.D
 Acq On : 5 Oct 2018 17:27
 Operator : SY/MD
 Sample : J5276-08
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 06 04:23:40 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	419670	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	357634	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	118719	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	114338	3.45	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.00%
7) Chloroethane-d5	2.63	69	113022	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	3.64	63	212144	2.73	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.60%#
20) 2-Butanone-d5	6.59	46	202767	54.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.92%
24) Chloroform-d	7.20	84	235049	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
26) 1,2-Dichloroethane-d4	7.90	65	108874	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	7.85	84	422942	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.00%
36) 1,2-Dichloropropane-d6	8.90	67	127674	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.60%
41) Toluene-d8	9.97	98	375402	3.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.20%#
43) trans-1,3-Dichloropropene-	10.24	79	26335	3.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.40%
46) 2-Hexanone-d5	10.59	63	147550	53.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.28%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	57698	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	79228	4.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.40%

Target Compounds

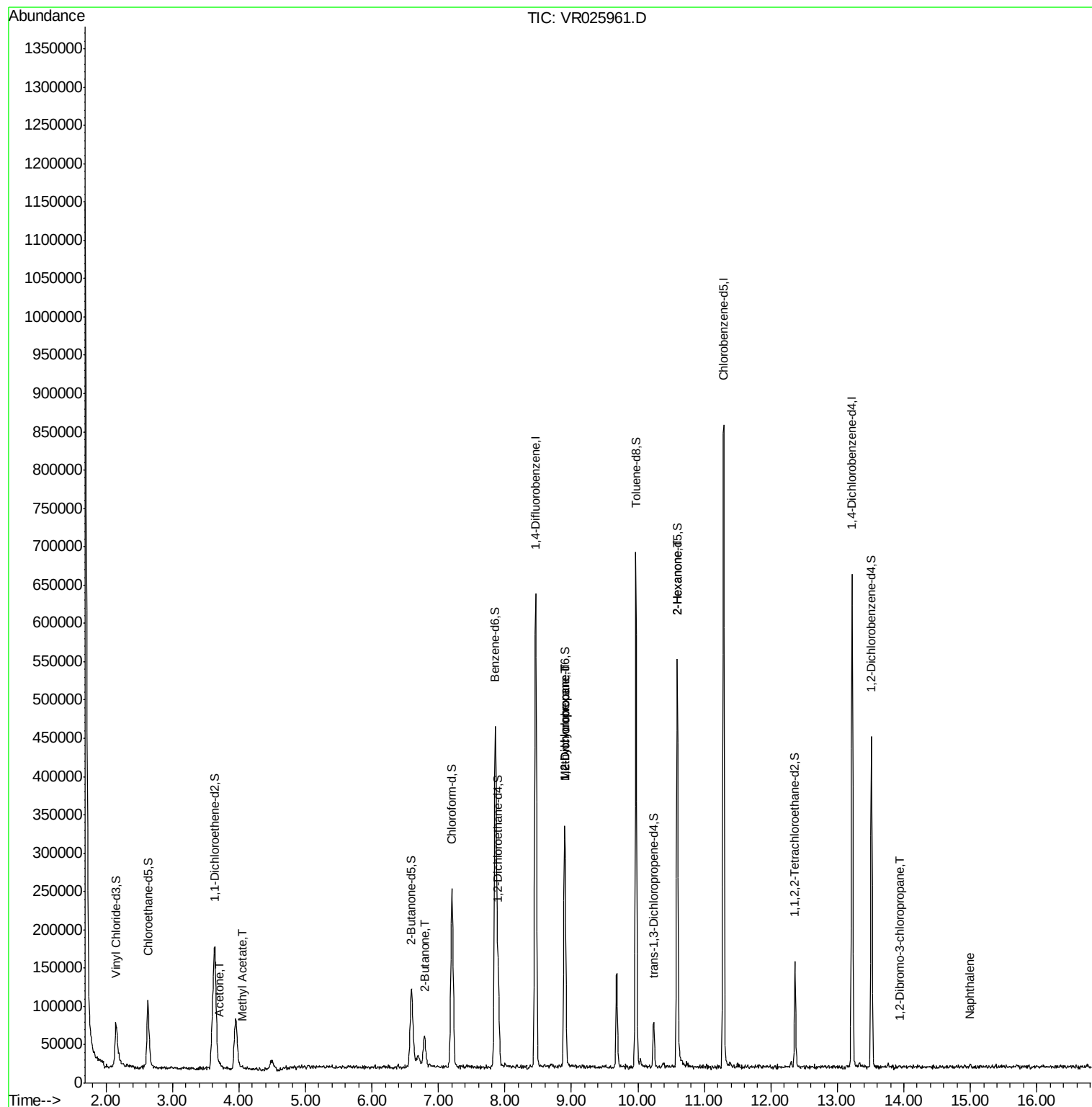
					Ovalue
13) Acetone	3.70	43	6882	2.574	ug/L 85
15) Methyl Acetate	4.05	43	2198	0.296	ug/L # 60
21) 2-Butanone	6.79	43	69943	19.016	ug/L # 52
35) Methylcyclohexane	8.90	83	30591	0.644	ug/L # 16
37) 1,2-Dichloropropane	8.89	63	17067	0.663	ug/L # 98
48) 2-Hexanone	10.59	43	24428	4.123	ug/L # 71
66) 1,2-Dibromo-3-chloropropan	13.94	75	275	0.235	ug/L 93
69) Naphthalene	15.00	128	1858	0.110	ug/L # 84

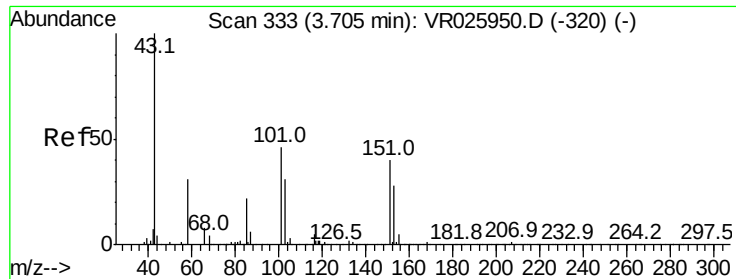
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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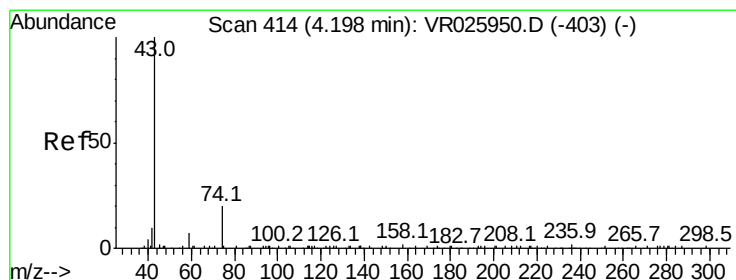
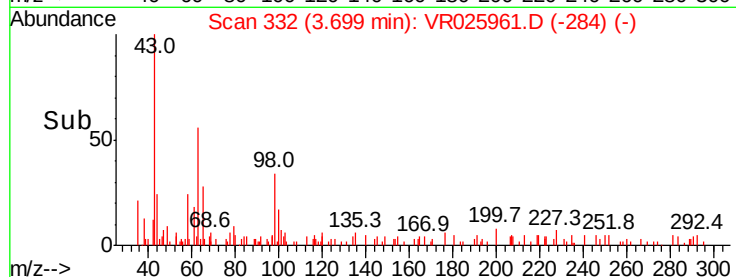
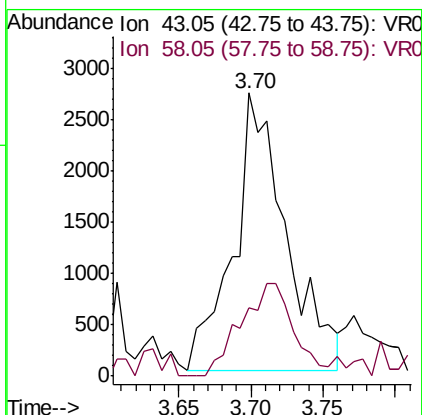
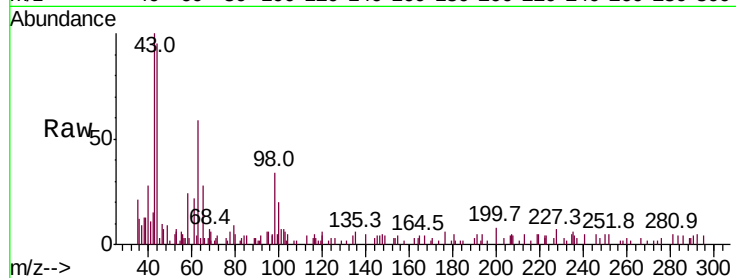




#13
Acetone
Concen: 2.574 ug/L
RT: 3.70 min Scan# 332
Delta R.T. -0.01 min
Lab File: VR025961.D
Acq: 5 Oct 2018 17:27

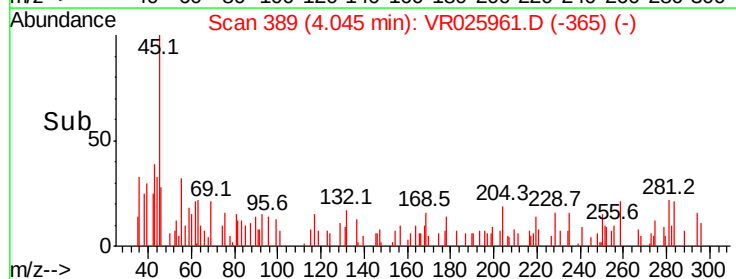
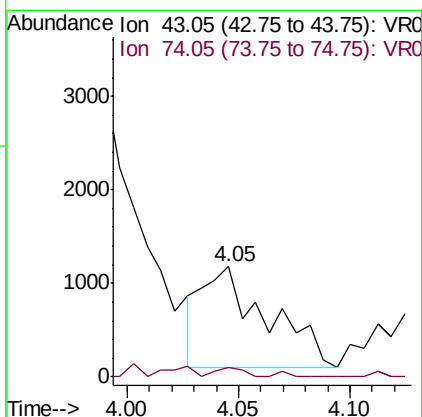
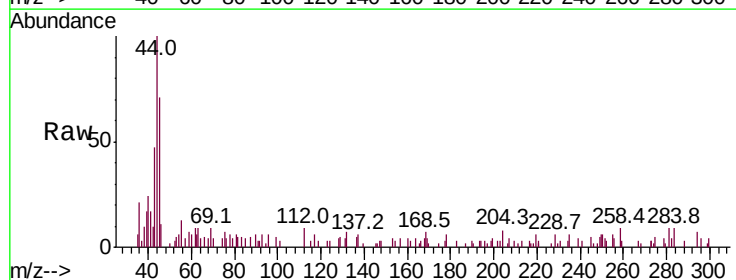
Instrument :
MSVOA_R
ClientSampled :

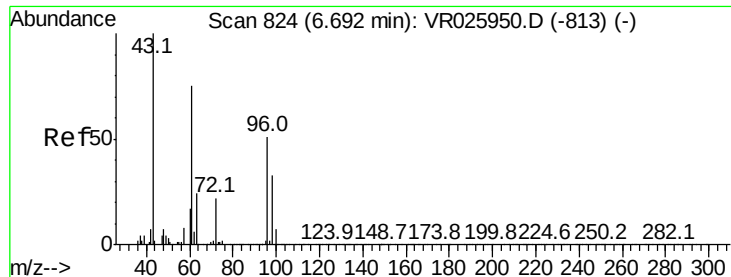
Tot Ion: 43 Resp: 6882
Ion Ratio Lower Upper
43 100
58 33.2 0.0 51.4



#15
Methyl Acetate
Concen: 0.296 ug/L
RT: 4.05 min Scan# 389
Delta R.T. -0.15 min
Lab File: VR025961.D
Acq: 5 Oct 2018 17:27

Tgt Ion: 43 Resp: 2198
Ion Ratio Lower Upper
43 100
74 4.0 19.0 28.4#





#21

2-Butanone

Concen: 19.016 ug/L

RT: 6.79 min Scan# 840

Delta R.T. 0.10 min

Lab File: VR025961.D

Acq: 5 Oct 2018 17:27

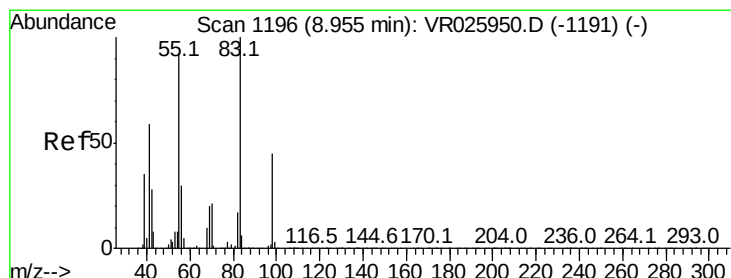
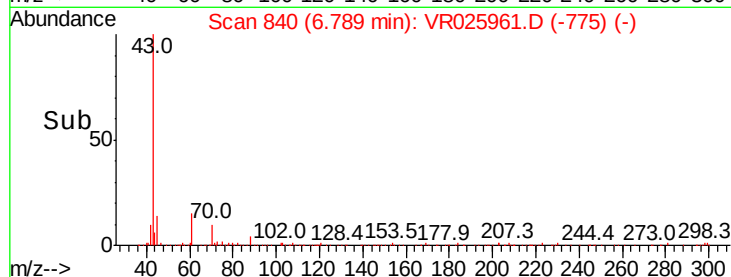
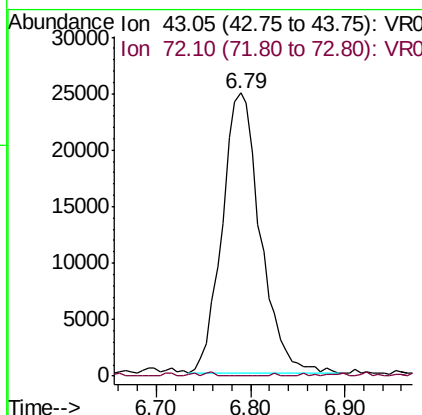
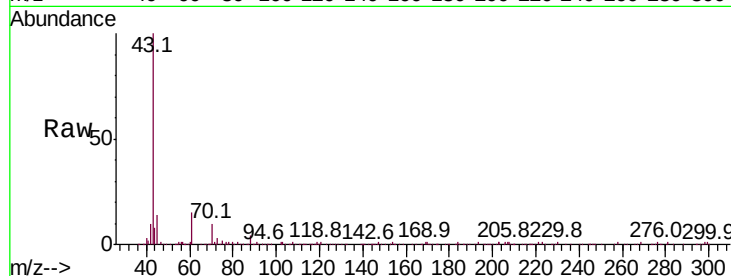
Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 43 Resp: 69943

Ion Ratio Lower Upper

43 100

72 0.2 11.9 35.7#



#35

Methylcyclohexane

Concen: 0.644 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR025961.D

Acq: 5 Oct 2018 17:27

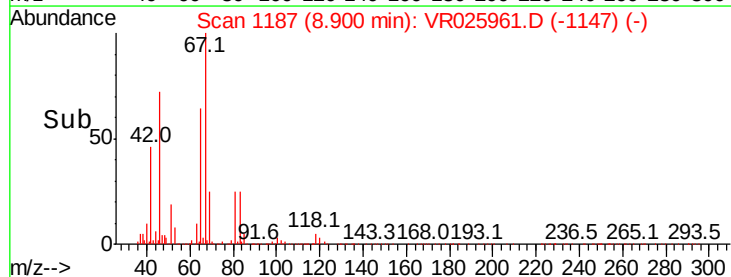
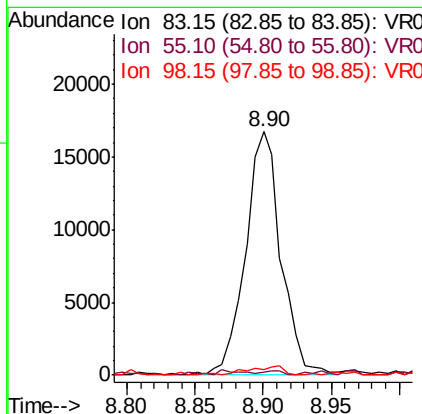
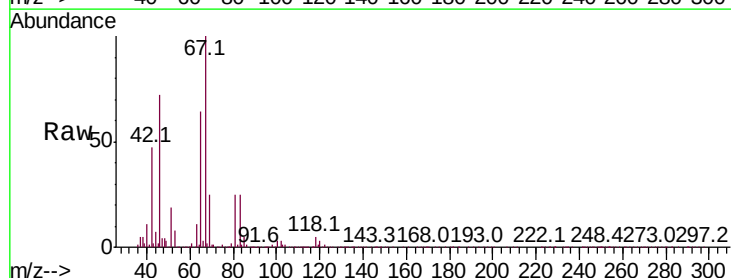
Tgt Ion: 83 Resp: 30591

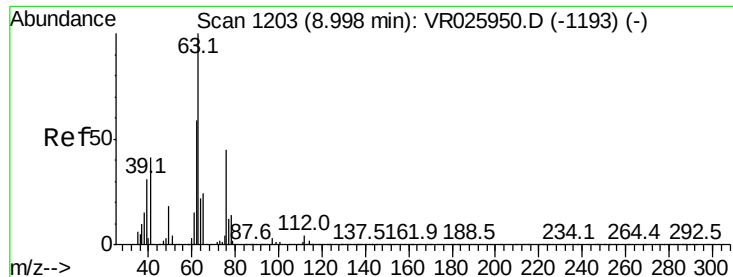
Ion Ratio Lower Upper

83 100

55 0.9 71.8 107.6#

98 3.8 34.2 51.4#





#37

1,2-Dichloropropane

Concen: 0.663 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

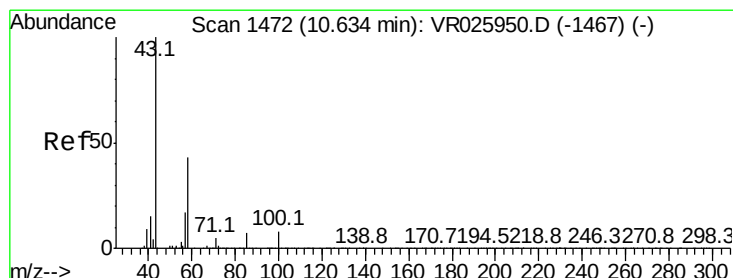
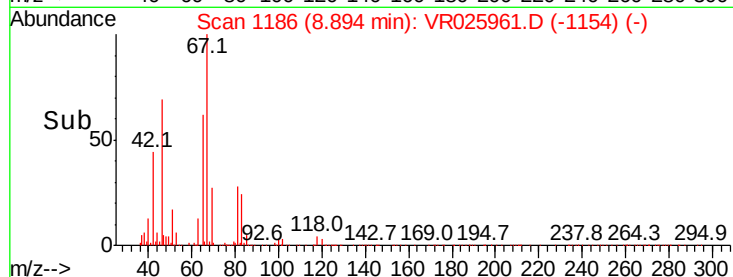
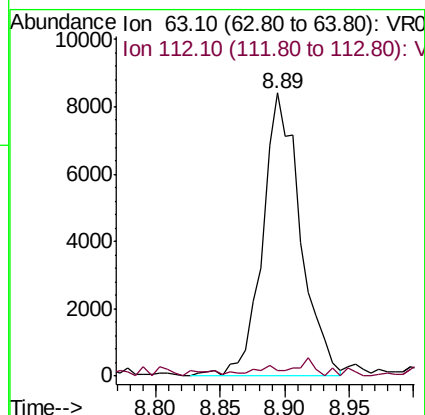
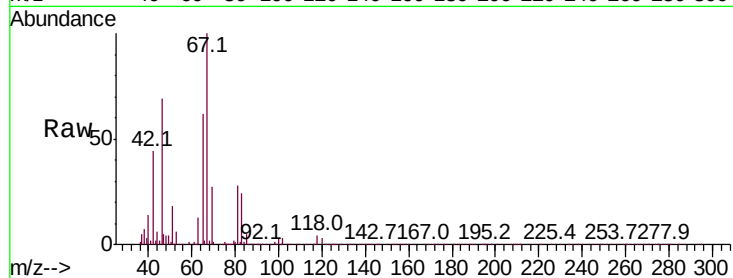
Lab File: VR025961.D

Acq: 5 Oct 2018 17:27

Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 63 Resp: 17067

Ion	Ratio	Lower	Upper
63	100		
112	2.4	2.5	3.7#



#48

2-Hexanone

Concen: 4.123 ug/L

RT: 10.59 min Scan# 1465

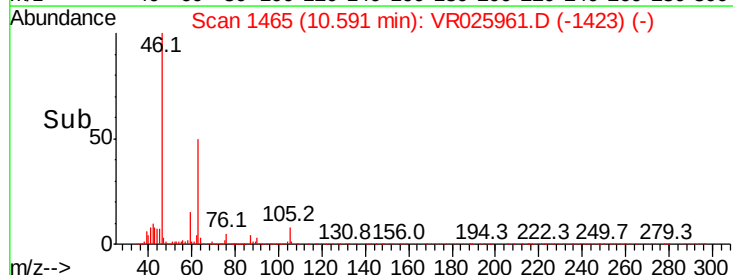
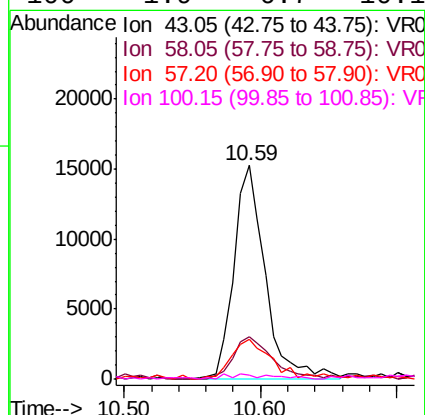
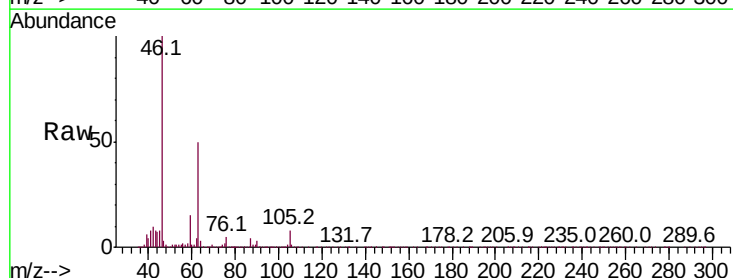
Delta R.T. -0.04 min

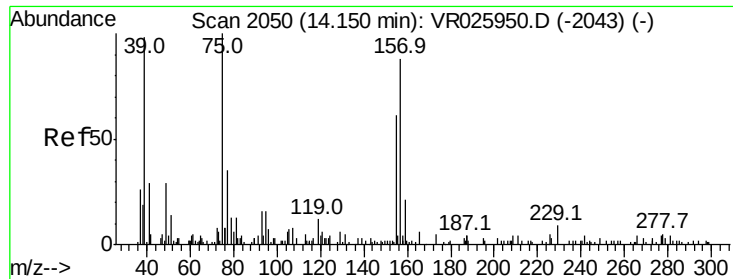
Lab File: VR025961.D

Acq: 5 Oct 2018 17:27

Tgt Ion: 43 Resp: 24428

Ion	Ratio	Lower	Upper
43	100		
58	25.1	39.5	59.3#
57	24.6	14.6	21.8#
100	1.9	6.7	10.1#

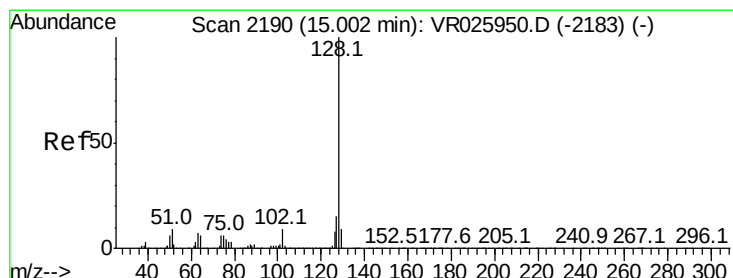
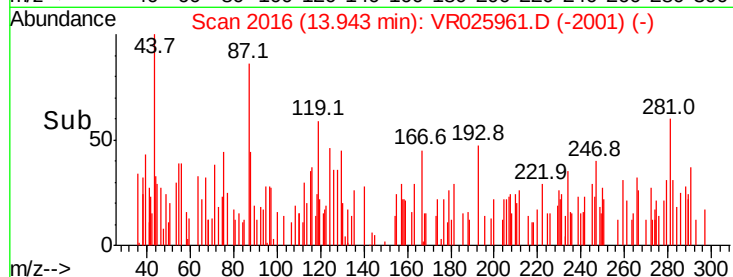
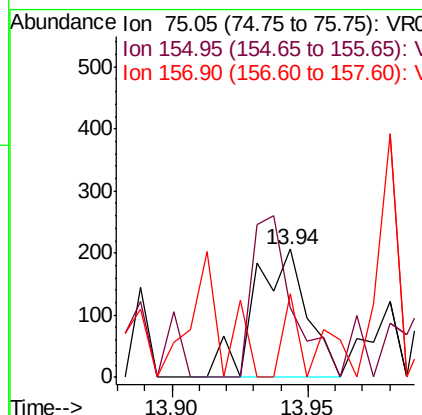
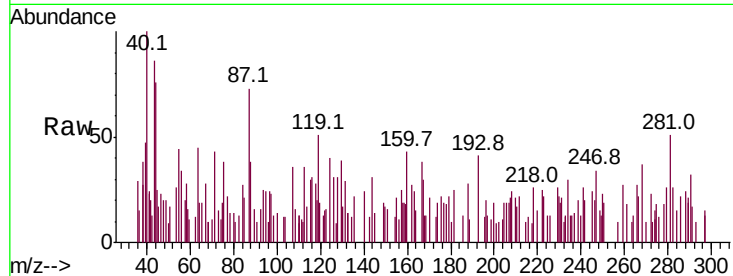




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.235 ug/L
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.21 min
 Lab File: VR025961.D
 Acq: 5 Oct 2018 17:27

Instrument :
 MSVOA_R
 ClientSampled :

Tot Ion: 75 Resp: 275
 Ion Ratio Lower Upper
 75 100
 155 54.4 37.8 56.6
 157 65.0 49.7 74.5



#69
 Naphthalene
 Concen: 0.110 ug/L
 RT: 15.00 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: VR025961.D
 Acq: 5 Oct 2018 17:27

Tgt Ion: 128 Resp: 1858
 Ion Ratio Lower Upper
 128 100
 127 7.8 10.5 15.7#
 129 18.9 9.4 14.2#

