

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100518\
 Data File : VR025958.D
 Acq On : 5 Oct 2018 15:27
 Operator : SY/MD
 Sample : J5276-05
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 06 04:23:18 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	410100	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	345063	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	116569	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	123092	3.81	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	2.62	69	122560	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	3.63	63	215573	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	6.59	46	197398	54.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.50%
24) Chloroform-d	7.20	84	231634	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	7.90	65	107755	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	7.85	84	424322	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.00%
36) 1,2-Dichloropropane-d6	8.90	67	127297	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.20%
41) Toluene-d8	9.97	98	367430	3.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.20%#
43) trans-1,3-Dichloropropene-	10.24	79	27618	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	10.59	63	142797	53.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.60%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	57142	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	78755	4.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.40%

Target Compounds

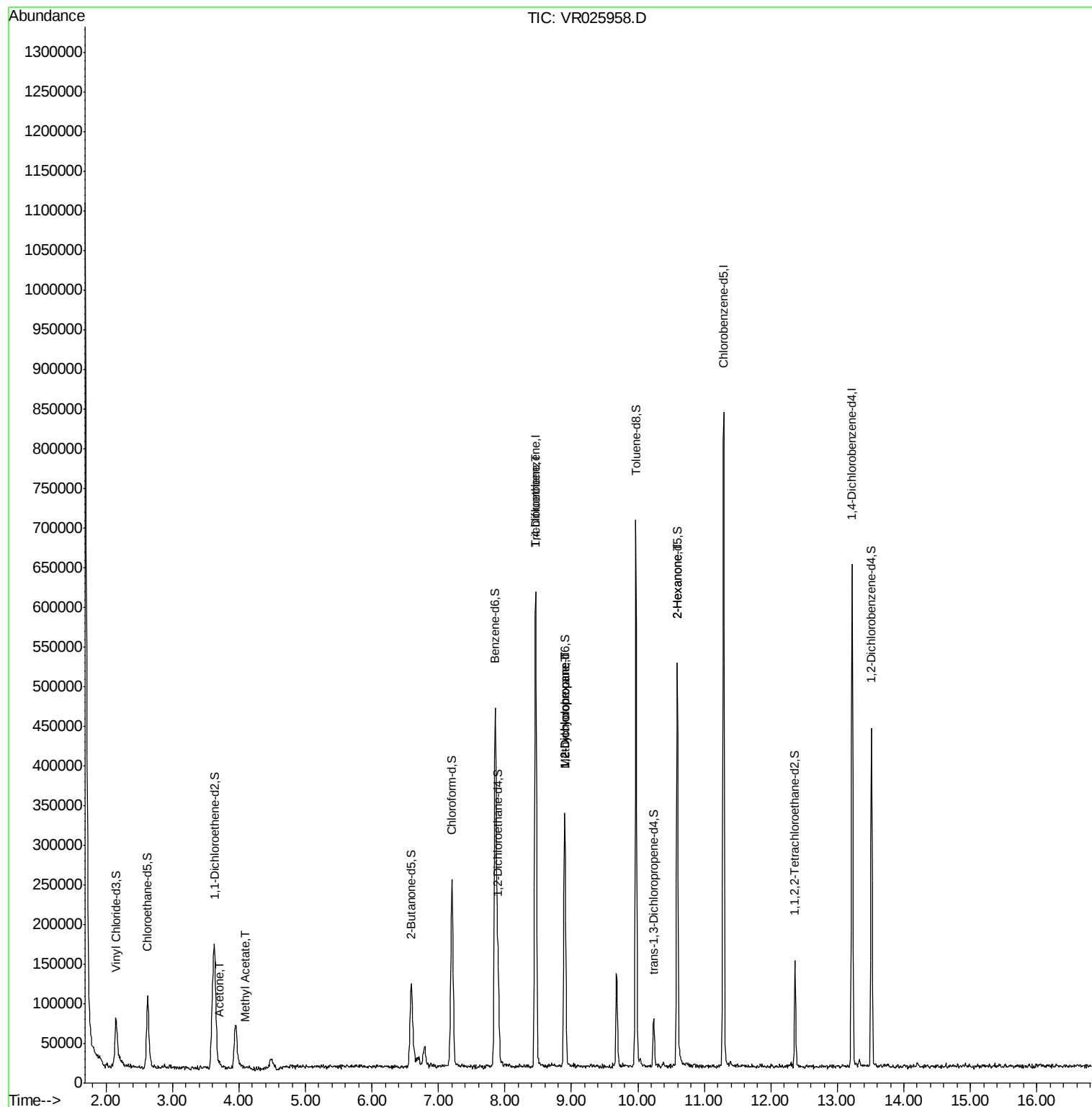
					Ovalue
13) Acetone	3.70	43	5528	2.115 ug/L	93
15) Methyl Acetate	4.09	43	839	0.116 ug/L #	64
34) Trichloroethene	8.46	95	14375	0.471 ug/L #	15
35) Methylcyclohexane	8.90	83	30536	0.666 ug/L #	16
37) 1,2-Dichloropropane	8.89	63	17730	0.714 ug/L #	95
48) 2-Hexanone	10.59	43	23116	4.044 ug/L #	70

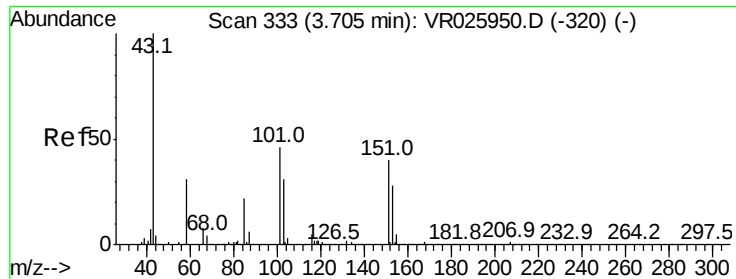
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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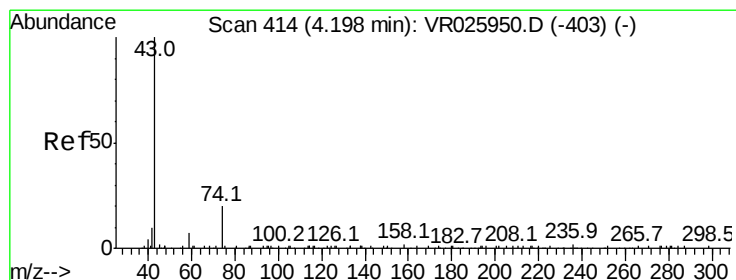
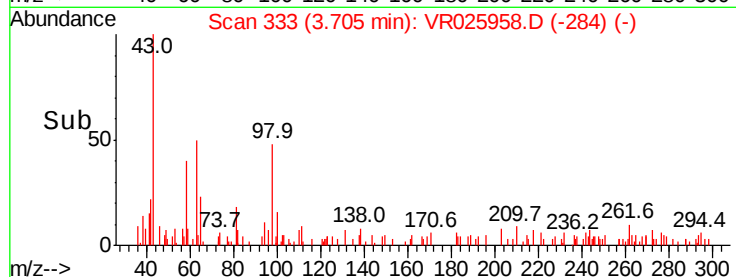
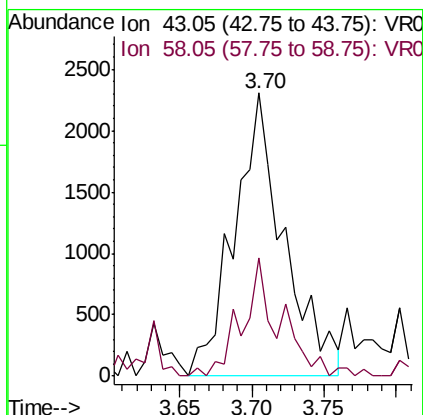
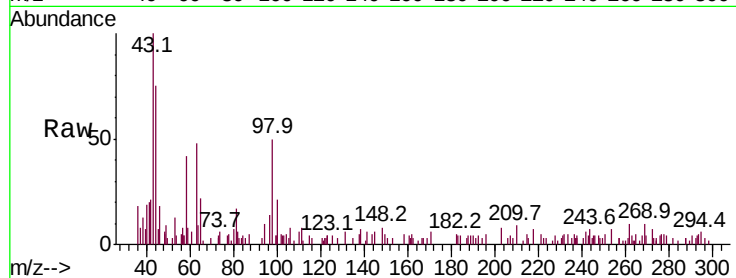




#13
Acetone
Concen: 2.115 ug/L
RT: 3.70 min Scan# 333
Delta R.T. 0.00 min
Lab File: VR025958.D
Acq: 5 Oct 2018 15:27

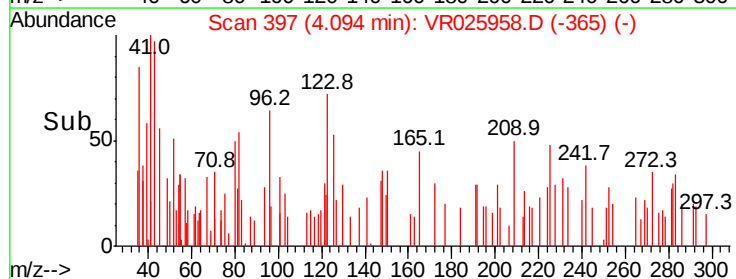
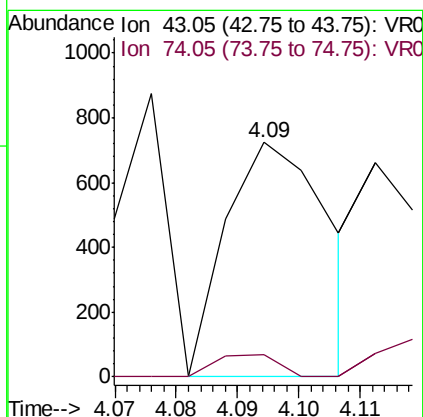
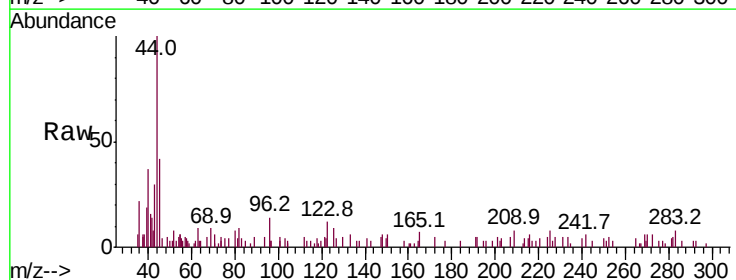
Instrument :
MSVOA_R
ClientSampled :

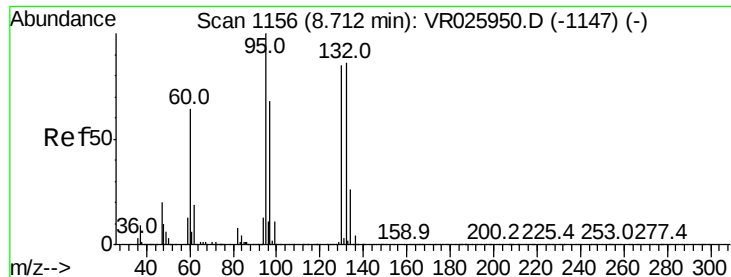
Tot Ion: 43 Resp: 5528
Ion Ratio Lower Upper
43 100
58 22.2 0.0 51.4



#15
Methyl Acetate
Concen: 0.116 ug/L
RT: 4.09 min Scan# 397
Delta R.T. -0.10 min
Lab File: VR025958.D
Acq: 5 Oct 2018 15:27

Tgt Ion: 43 Resp: 839
Ion Ratio Lower Upper
43 100
74 5.8 19.0 28.4#





#34

Trichloroethene

Concen: 0.471 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.26 min

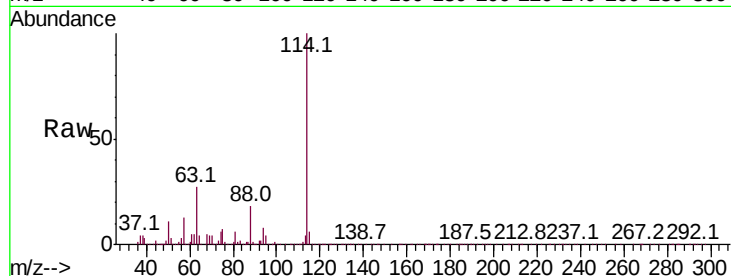
Lab File: VR025958.D

Acq: 5 Oct 2018 15:27

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 95 Resp: 14375

Ion	Ratio	Lower	Upper
95	100		
97	0.0	43.9	81.5#
132	0.0	53.3	98.9#
130	3.0	53.8	99.8#

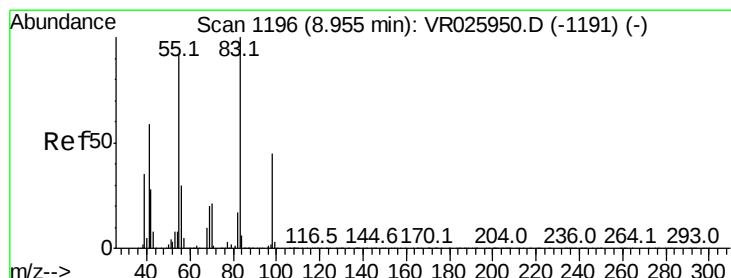
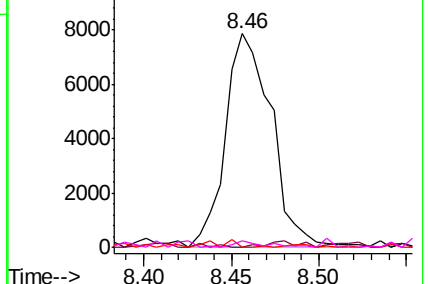
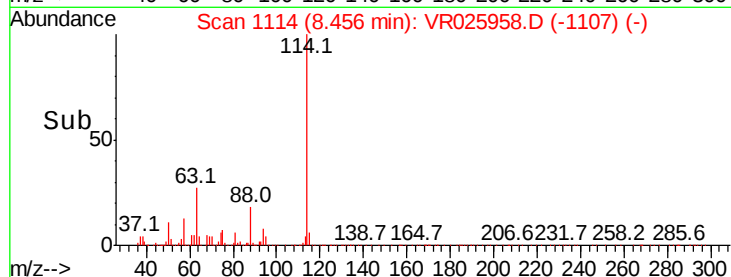


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.666 ug/L

RT: 8.90 min Scan# 1187

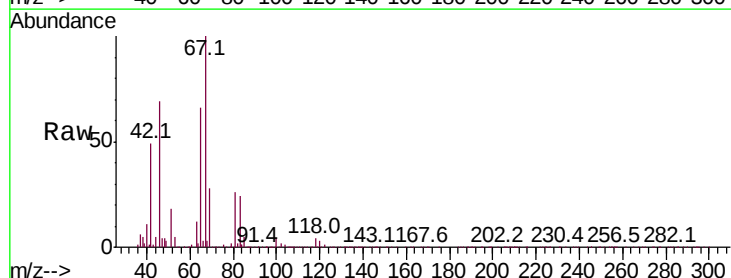
Delta R.T. -0.05 min

Lab File: VR025958.D

Acq: 5 Oct 2018 15:27

Tgt Ion: 83 Resp: 30536

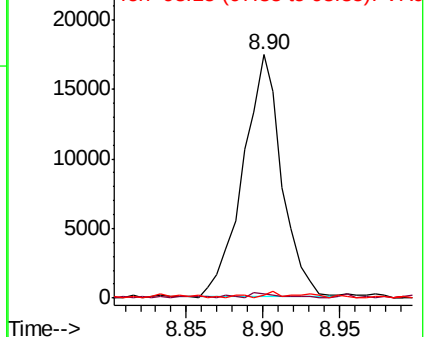
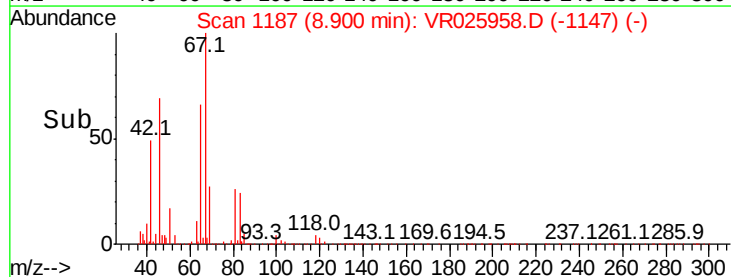
Ion	Ratio	Lower	Upper
83	100		
55	2.2	71.8	107.6#
98	1.5	34.2	51.4#

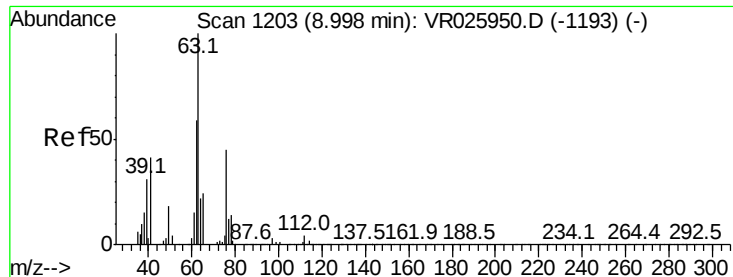


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.714 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

Lab File: VR025958.D

Acq: 5 Oct 2018 15:27

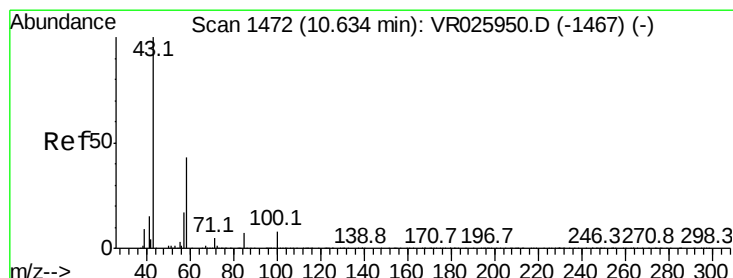
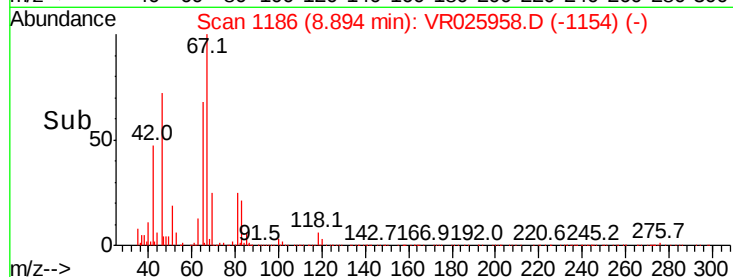
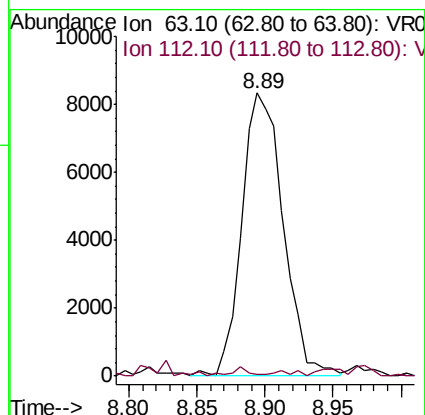
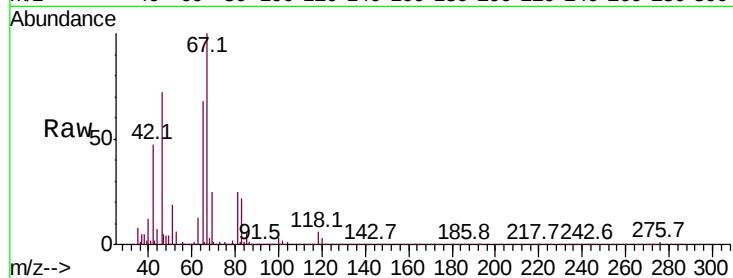
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 63 Resp: 17730

Ion Ratio Lower Upper

63 100

112 1.4 2.5 3.7#



#48

2-Hexanone

Concen: 4.044 ug/L

RT: 10.59 min Scan# 1464

Delta R.T. -0.05 min

Lab File: VR025958.D

Acq: 5 Oct 2018 15:27

Tgt Ion: 43 Resp: 23116

Ion Ratio Lower Upper

43 100

58 23.8 39.5 59.3#

57 24.7 14.6 21.8#

100 1.6 6.7 10.1#

