

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091418\
 Data File : VR025737.D
 Acq On : 14 Sep 2018 19:13
 Operator : SY/MD
 Sample : J4887-16
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 15 03:31:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 15 03:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	648483	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	549020	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	160522	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	153816	5.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.00%
7) Chloroethane-d5	2.63	69	129263	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.00%
11) 1,1-Dichloroethene-d2	3.63	63	286949	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	6.59	46	116125	40.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.60%
24) Chloroform-d	7.20	84	312791	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	7.89	65	106037	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	7.85	84	722609	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	8.90	67	189171	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	9.97	98	623809	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	10.23	79	34719	3.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.40%
46) 2-Hexanone-d5	10.59	63	128183	43.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.86%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	78985	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	136959	6.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.40%#

Target Compounds

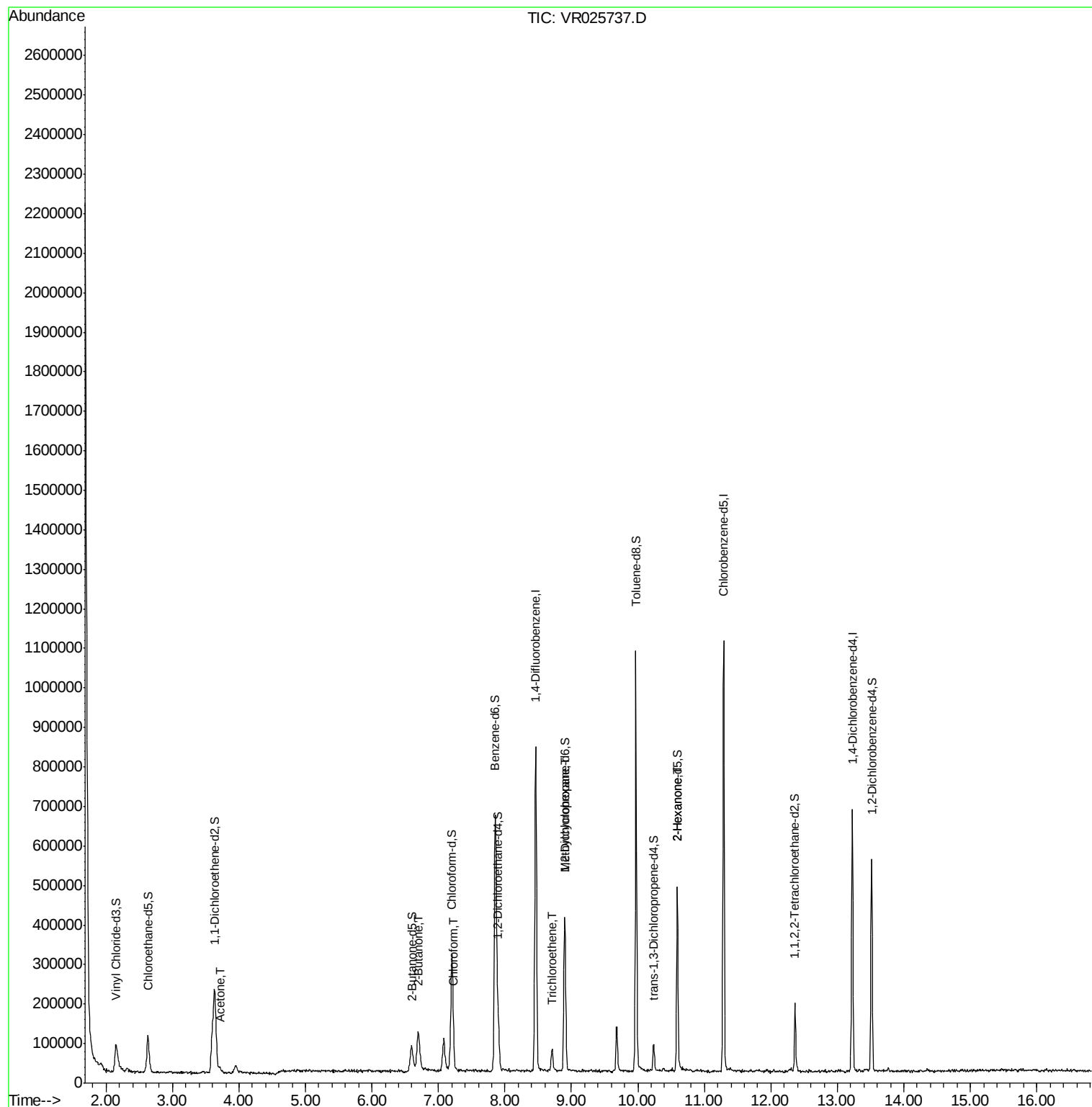
					Ovalue
13) Acetone	3.70	43	15032	7.84	ug/L 82
21) 2-Butanone	6.69	43	69646	17.21	ug/L 100
25) Chloroform	7.23	83	7368	0.10	ug/L 90
34) Trichloroethene	8.71	95	19733	0.42	ug/L 83
35) Methylcyclohexane	8.90	83	42244	0.58	ug/L # 20
48) 2-Hexanone	10.59	43	16143	2.11	ug/L # 68

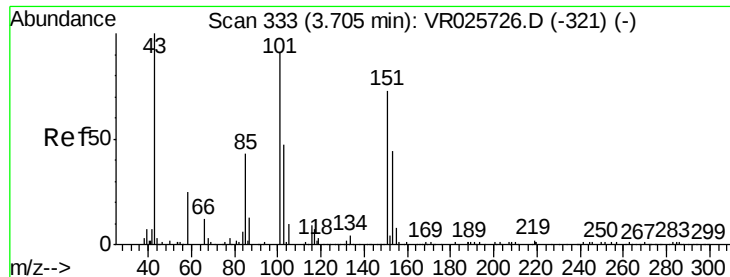
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.84 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.00 min

Lab File: VR025737.D

Acq: 14 Sep 2018 19:13

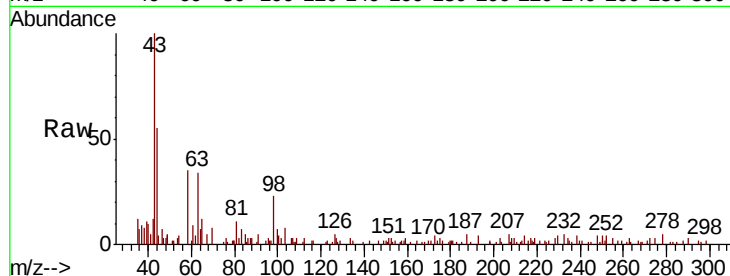
Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 43 Resp: 15032

Ion Ratio Lower Upper

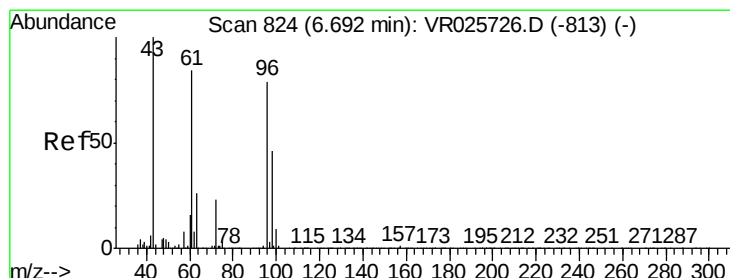
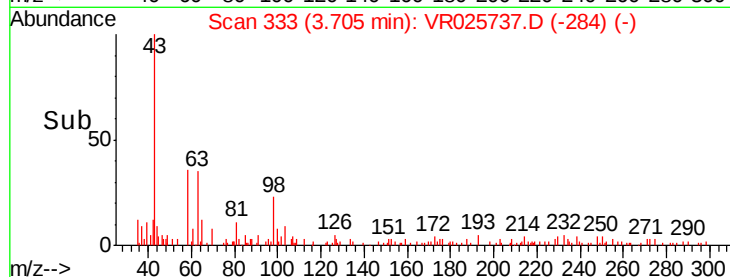
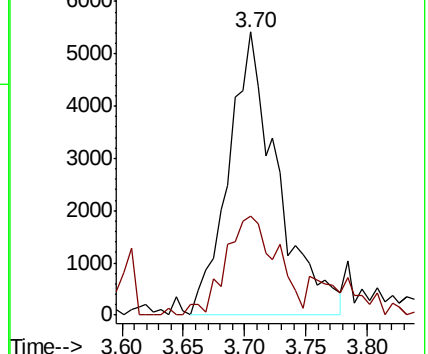
43 100

58 36.1 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#21

2-Butanone

Concen: 17.21 ug/L

RT: 6.69 min Scan# 824

Delta R.T. 0.00 min

Lab File: VR025737.D

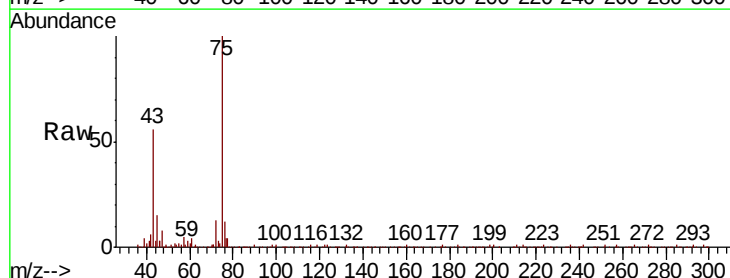
Acq: 14 Sep 2018 19:13

Tgt Ion: 43 Resp: 69646

Ion Ratio Lower Upper

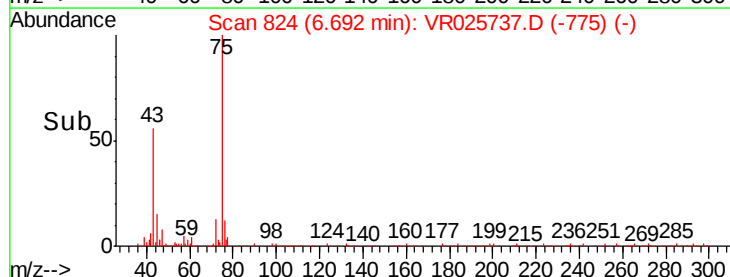
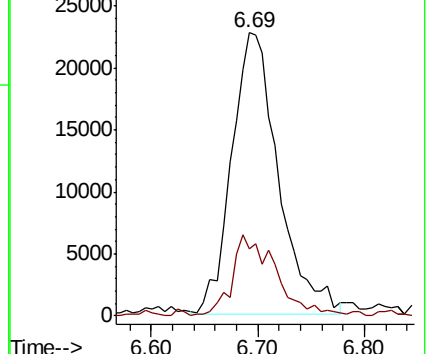
43 100

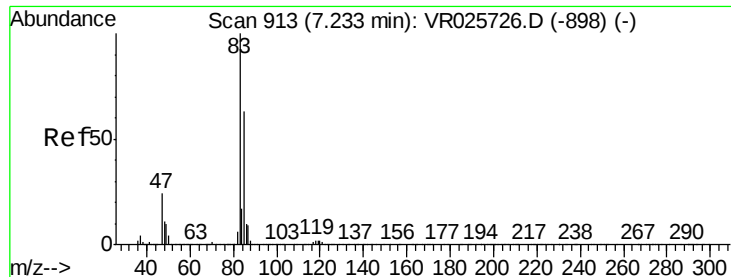
72 26.8 13.3 39.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0





#25

Chloroform

Concen: 0.10 ug/L

RT: 7.23 min Scan# 913

Delta R.T. 0.00 min

Lab File: VR025737.D

Acq: 14 Sep 2018 19:13

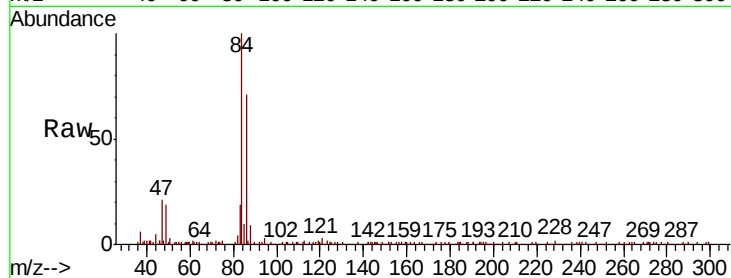
Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 83 Resp: 7368

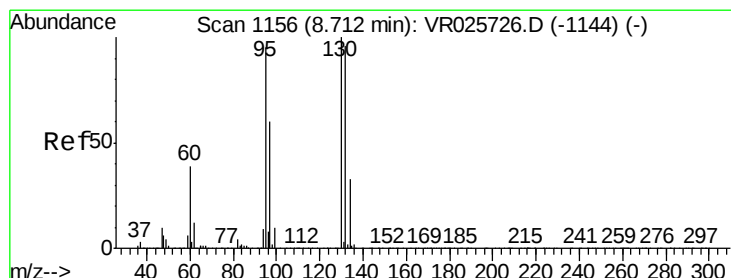
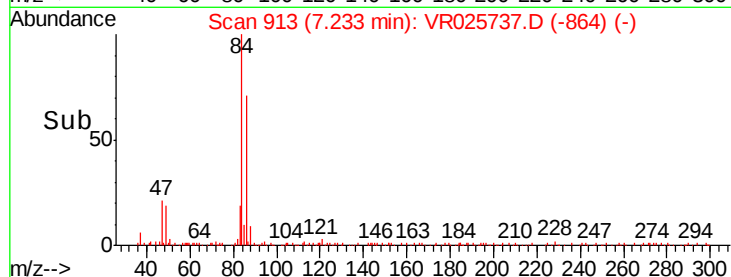
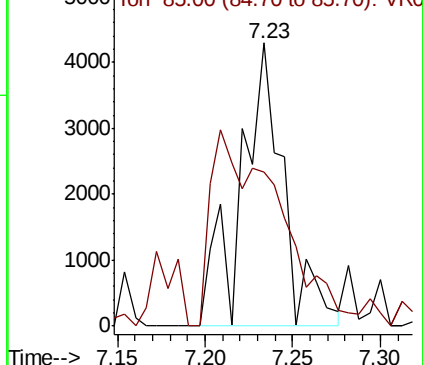
Ion Ratio Lower Upper

83 100

85 54.6 43.8 81.4



Abundance Ion 83.05 (82.75 to 83.75): VR0
Ion 85.00 (84.70 to 85.70): VR0



#34

Trichloroethene

Concen: 0.42 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.00 min

Lab File: VR025737.D

Acq: 14 Sep 2018 19:13

Tgt Ion: 95 Resp: 19733

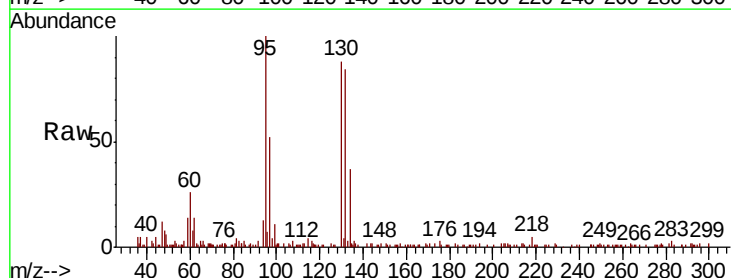
Ion Ratio Lower Upper

95 100

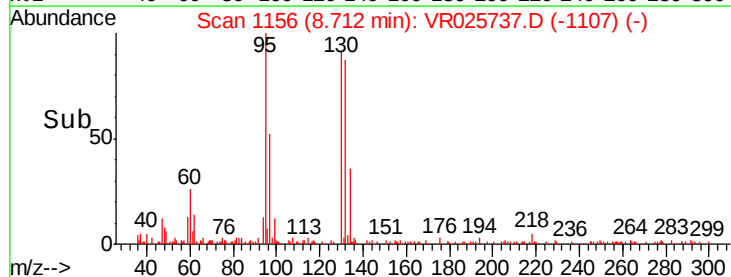
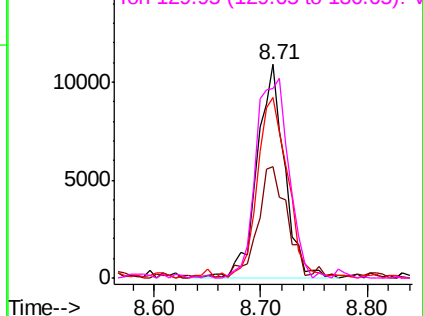
97 52.1 45.5 84.5

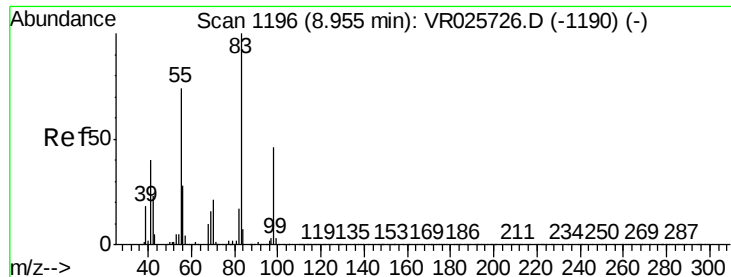
132 84.5 71.0 131.9

130 88.5 74.5 138.3



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

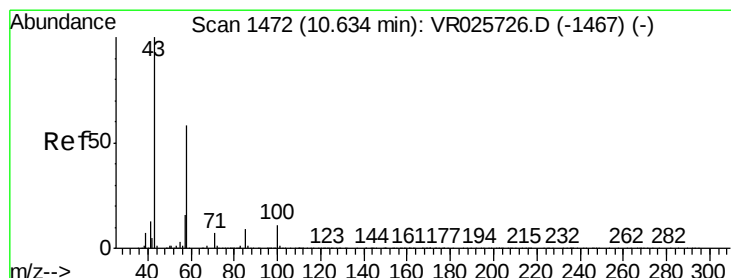
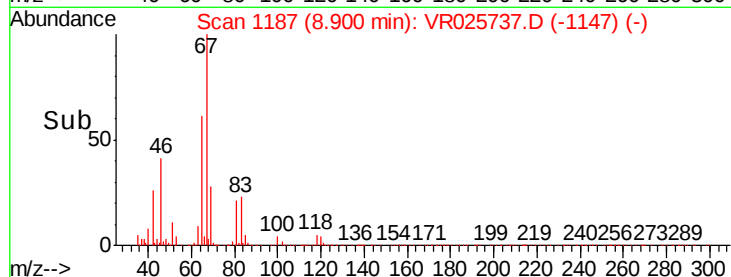
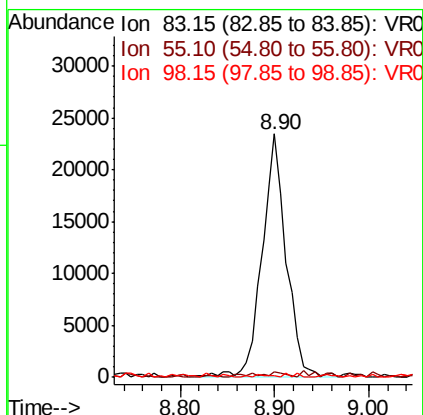
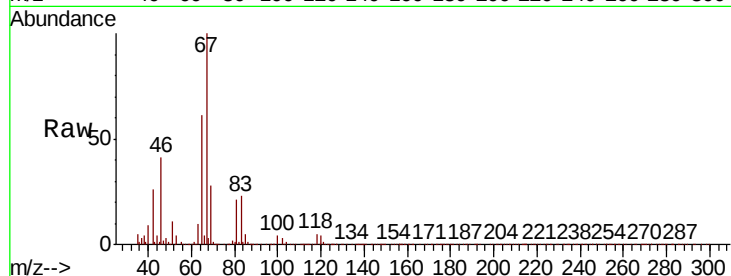




#35
Methylcyclohexane
Concen: 0.58 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025737.D
Acq: 14 Sep 2018 19:13

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 83 Resp: 42244
Ion Ratio Lower Upper
83 100
55 1.2 58.9 88.3#
98 0.0 36.9 55.3#



#48
2-Hexanone
Concen: 2.11 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR025737.D
Acq: 14 Sep 2018 19:13

Tgt Ion: 43 Resp: 16143
Ion Ratio Lower Upper
43 100
58 34.5 45.8 68.8#
57 42.5 14.2 21.2#
100 10.6 8.6 13.0

