

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101218\
 Data File : VR026067.D
 Acq On : 12 Oct 2018 18:19
 Operator : SY/MD
 Sample : J5315-16 2500X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 13 00:57:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 13 00:51:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	453985	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	380030	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	122303	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	176424	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	2.63	69	167446	5.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.40%
11) 1,1-Dichloroethene-d2	3.60	63	179368	2.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	42.60%#
20) 2-Butanone-d5	6.59	46	238757	59.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.64%
24) Chloroform-d	7.20	84	318196	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	7.89	65	144808	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	7.85	84	584628	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	8.90	67	181955	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	9.97	98	516829	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	10.23	79	36518	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	10.59	63	181100	61.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.76%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	71932	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	106587	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

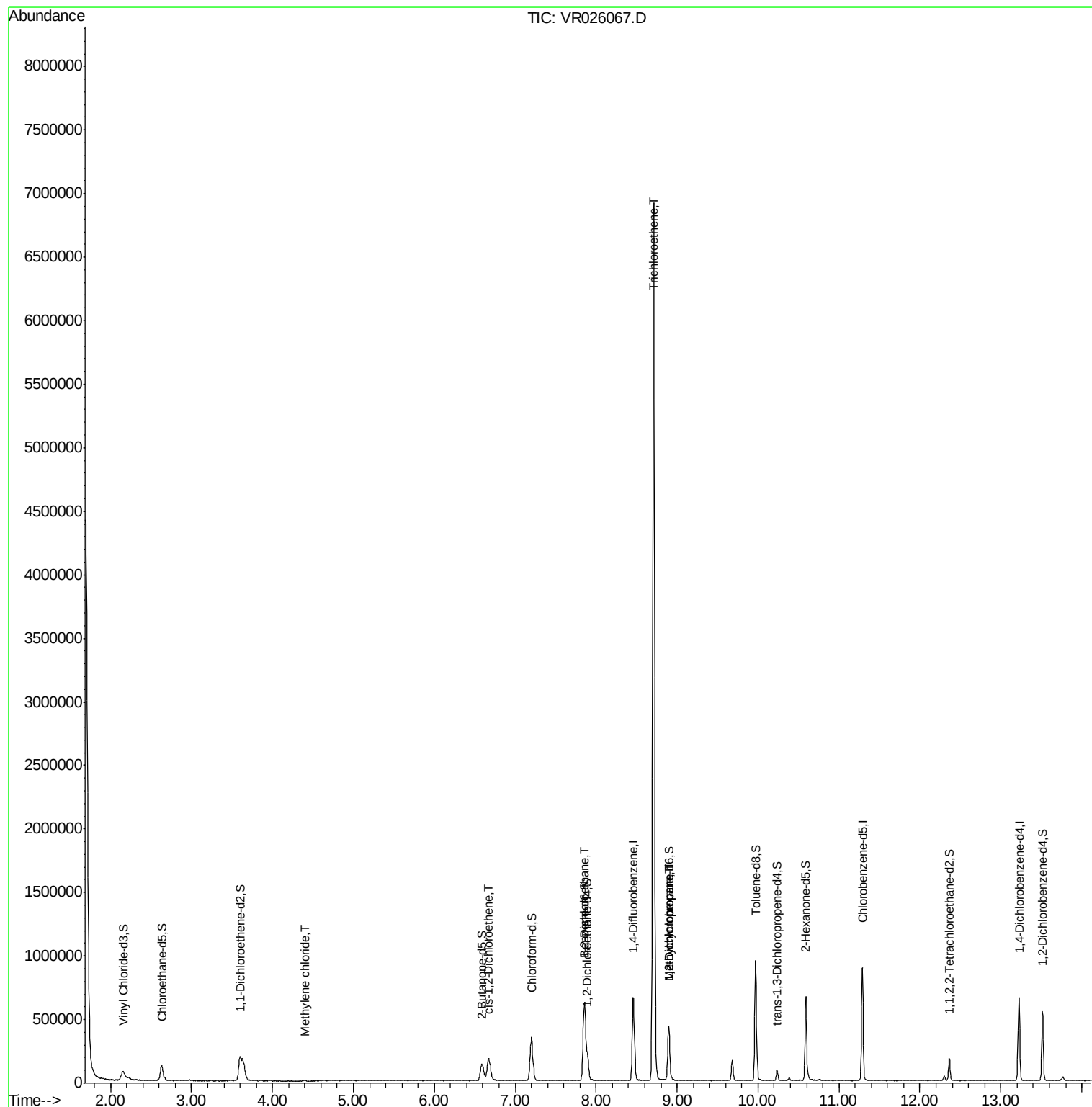
					Ovalue
16) Methylene chloride	4.41	84	3623	0.115 ug/L #	61
22) cis-1,2-Dichloroethene	6.68	96	92560	3.245 ug/L #	91
27) 1,2-Dichloroethane	7.85	62	4526	0.166 ug/L	98
34) Trichloroethene	8.71	95	2129702	63.410 ug/L	87
35) Methylcyclohexane	8.90	83	40414	0.800 ug/L #	15
37) 1,2-Dichloropropane	8.90	63	21983	0.804 ug/L #	96

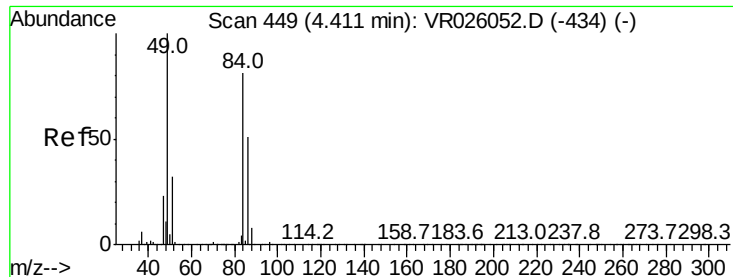
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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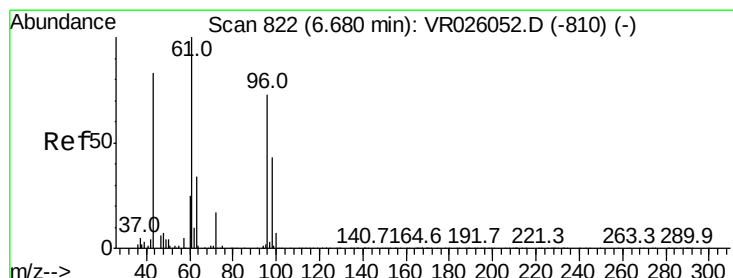
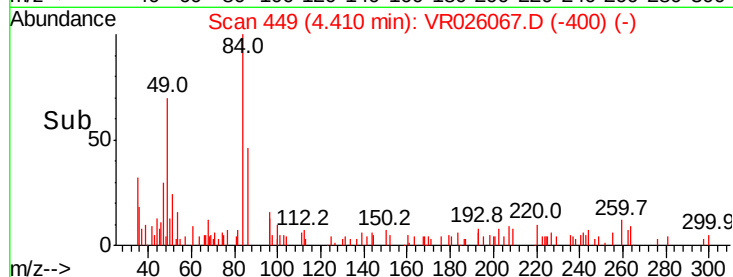
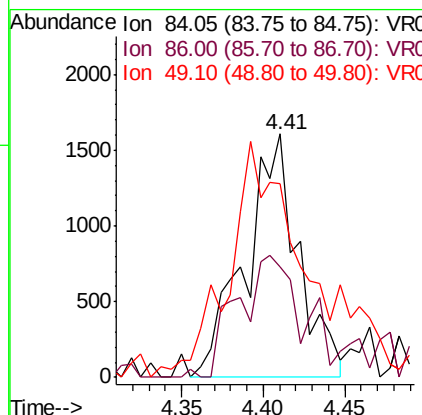
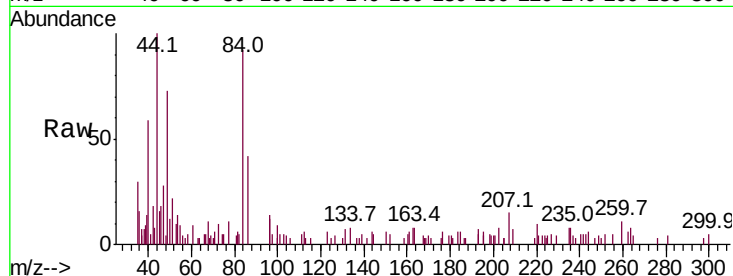




#16
Methylene chloride
Concen: 0.115 ug/L
RT: 4.41 min Scan# 449
Delta R.T. -0.00 min
Lab File: VR026067.D
Acq: 12 Oct 2018 18:19

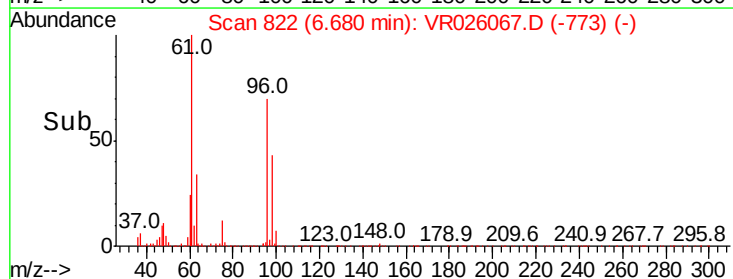
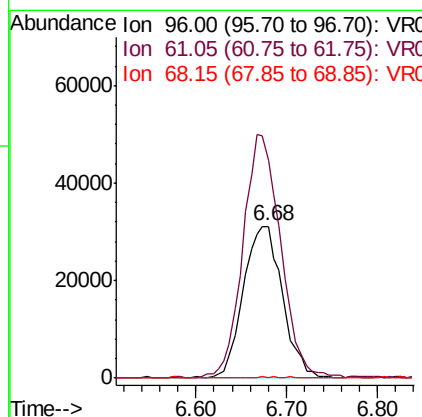
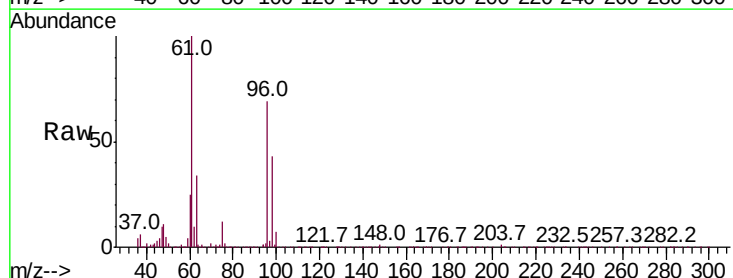
Instrument :
MSVOA_R
ClientSampled :

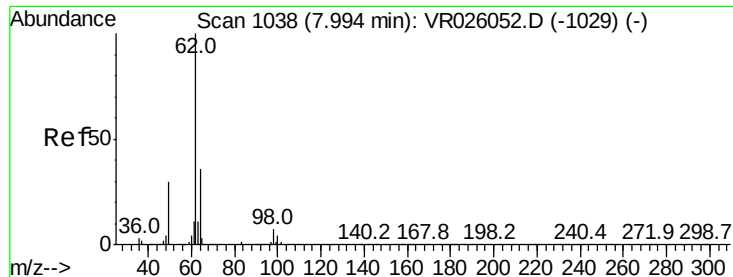
Tot Ion: 84 Resp: 3623
Ion Ratio Lower Upper
84 100
86 45.5 43.1 80.1
49 79.5 95.5 177.3#



#22
cis-1,2-Dichloroethene
Concen: 3.245 ug/L
RT: 6.68 min Scan# 822
Delta R.T. -0.00 min
Lab File: VR026067.D
Acq: 12 Oct 2018 18:19

Tgt Ion: 96 Resp: 92560
Ion Ratio Lower Upper
96 100
61 143.9 108.7 201.9
68 0.4 0.1 0.1#





#27

1,2-Dichloroethane

Concen: 0.166 ug/L

RT: 7.85 min Scan# 1015

Delta R.T. -0.14 min

Lab File: VR026067.D

Acq: 12 Oct 2018 18:19

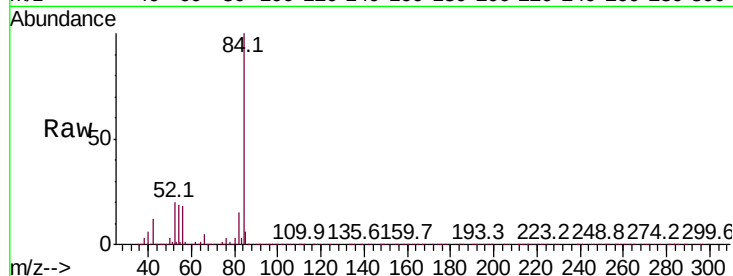
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 62 Resp: 4526

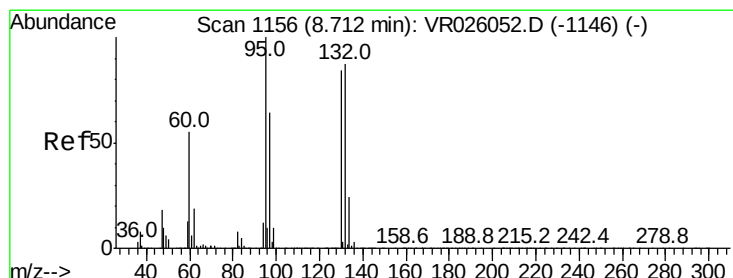
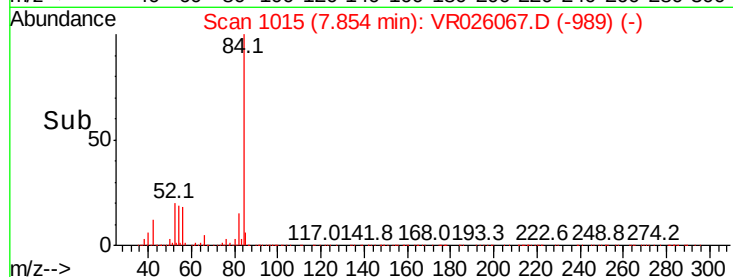
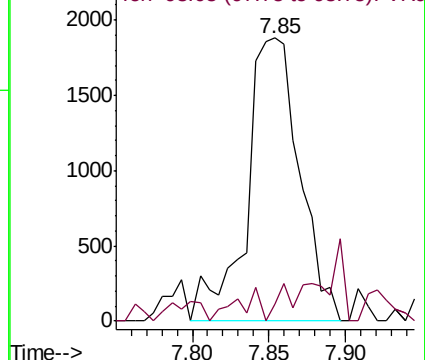
Ion Ratio Lower Upper

62 100

98 6.0 5.2 7.8



Abundance Ion 62.00 (61.70 to 62.70): VR0
Ion 98.05 (97.75 to 98.75): VR0



#34

Trichloroethene

Concen: 63.410 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. -0.00 min

Lab File: VR026067.D

Acq: 12 Oct 2018 18:19

Tgt Ion: 95 Resp: 2129702

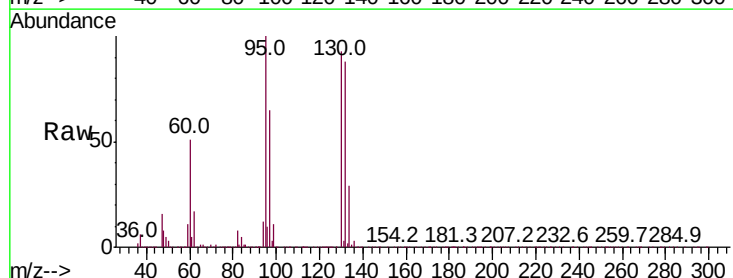
Ion Ratio Lower Upper

95 100

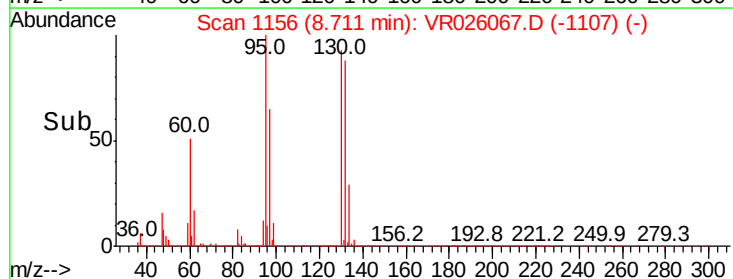
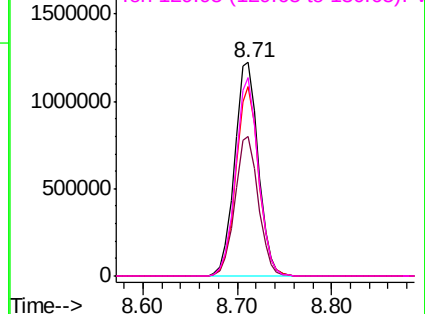
97 65.1 43.9 81.5

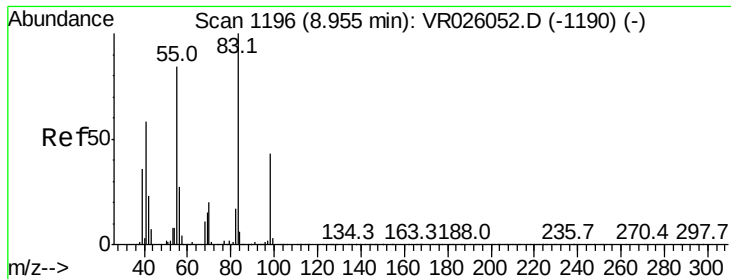
132 88.4 53.3 98.9

130 92.8 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

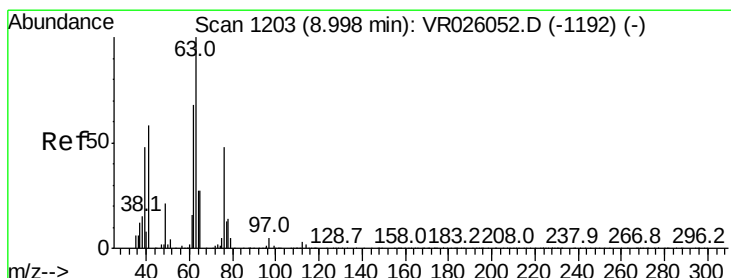
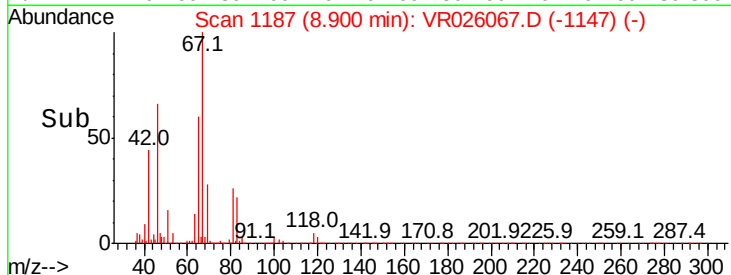
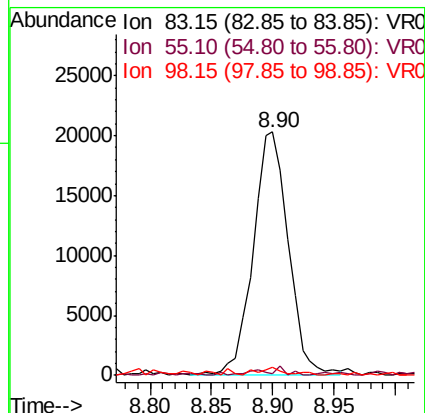
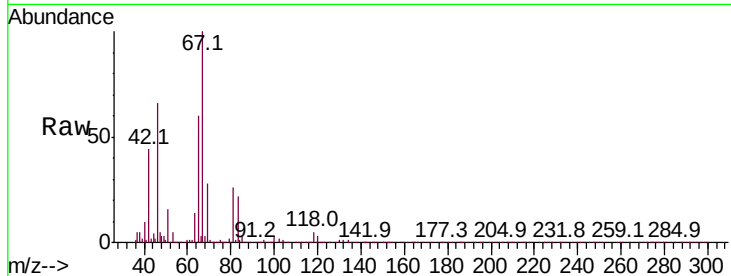




#35
Methylcyclohexane
Concen: 0.800 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026067.D
Acq: 12 Oct 2018 18:19

Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 83 Resp: 40414
Ion Ratio Lower Upper
83 100
55 1.0 71.8 107.6#
98 0.0 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.804 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026067.D
Acq: 12 Oct 2018 18:19

Tgt Ion: 63 Resp: 21983
Ion Ratio Lower Upper
63 100
112 1.8 2.5 3.7#

