

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091218\
 Data File : VR025694.D
 Acq On : 12 Sep 2018 14:48
 Operator : SY/MD
 Sample : J4863-14
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KP8

Quant Time: Sep 13 04:08:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 13 03:48:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	617517	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	523118	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	148041	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	101999	3.80	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.00%
7) Chloroethane-d5	2.62	69	103681	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	3.62	63	223812	3.05	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	6.60	46	179729	66.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.62%#
24) Chloroform-d	7.20	84	295888	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	7.89	65	104921	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	7.85	84	638892	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	8.90	67	188716	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	9.97	98	536573	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	10.24	79	35871	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	10.59	63	181414	64.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.02%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	83288	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	130113	6.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.00%#

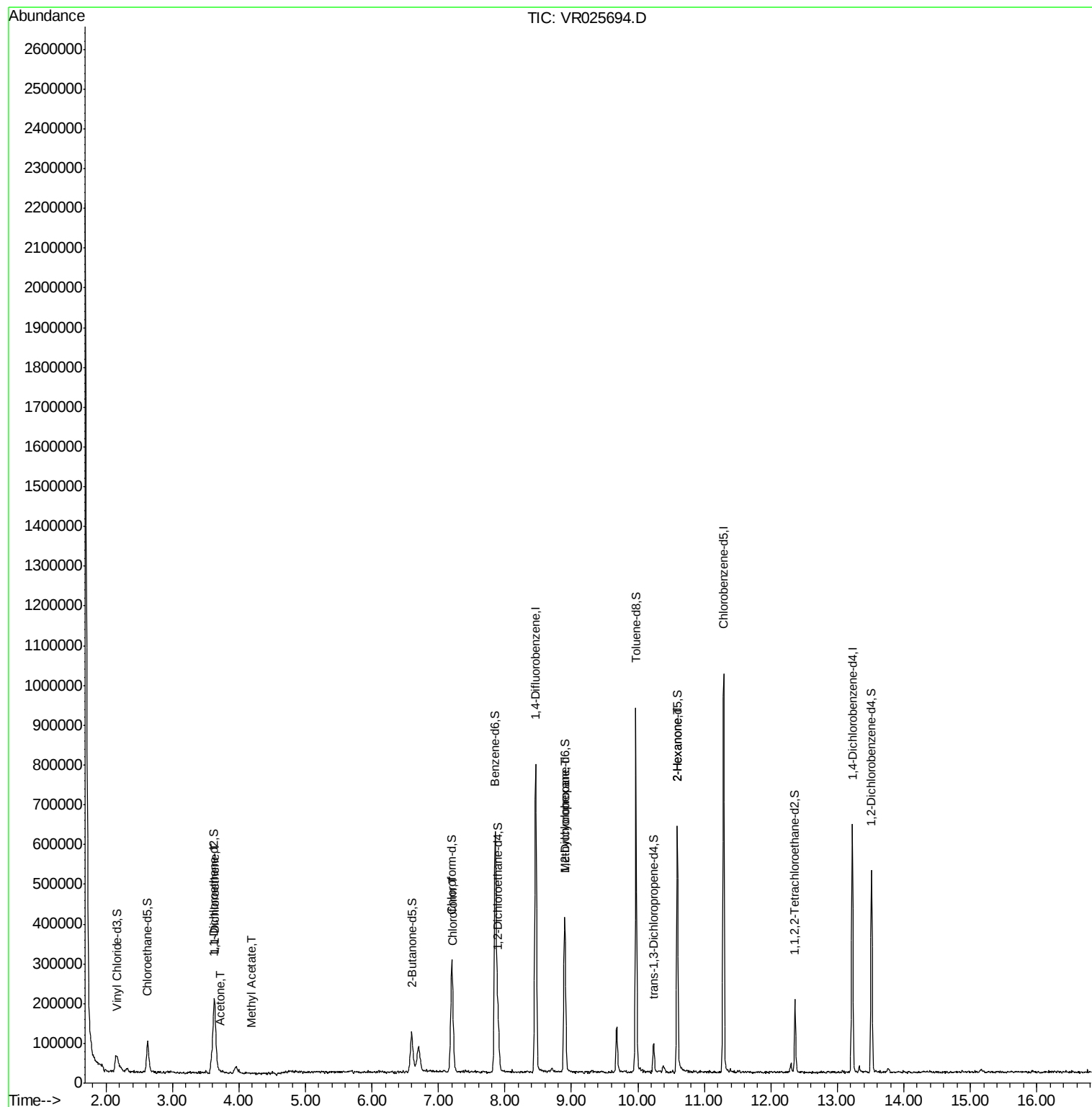
Target Compounds					Ovalue
12) 1,1-Dichloroethene	3.64	96	6534	0.16 ug/L	# 1
13) Acetone	3.72	43	5286	2.89 ug/L	72
15) Methyl Acetate	4.19	43	923	0.14 ug/L	91
25) Chloroform	7.22	83	6910	0.10 ug/L	84
35) Methylcyclohexane	8.90	83	40276	0.58 ug/L	# 21
48) 2-Hexanone	10.59	43	19784	2.72 ug/L	# 69

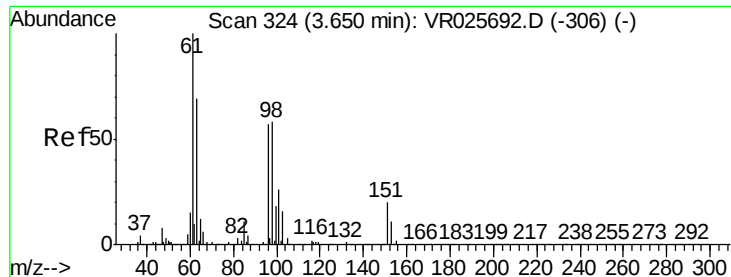
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.16 ug/L

RT: 3.64 min Scan# 322

Delta R.T. -0.01 min

Lab File: VR025694.D

Acq: 12 Sep 2018 14:48

Instrument :

MSVOA_R

ClientSampleId :

C0KP8

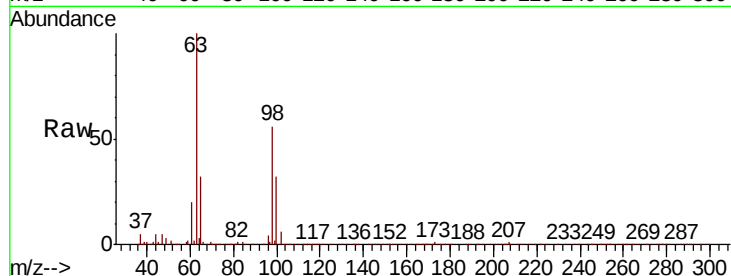
Tot Ion: 96 Resp: 6534

Ion Ratio Lower Upper

96 100

61 483.6 128.4 238.4#

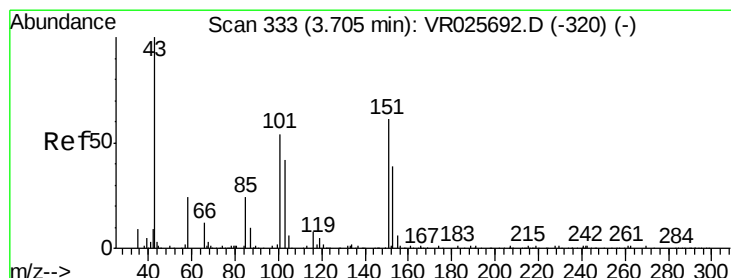
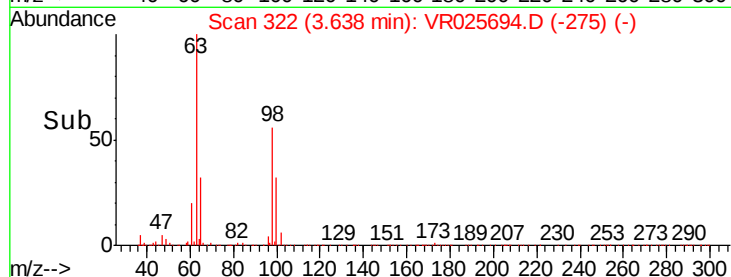
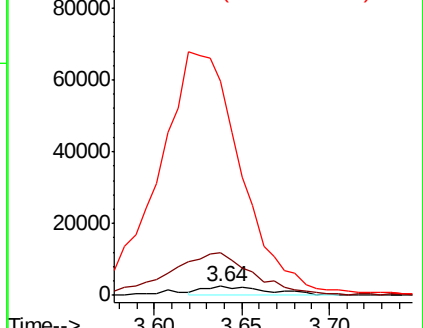
63 2402.6 101.1 187.7#



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 63.00 (62.70 to 63.70): VR0



#13

Acetone

Concen: 2.89 ug/L

RT: 3.72 min Scan# 335

Delta R.T. 0.01 min

Lab File: VR025694.D

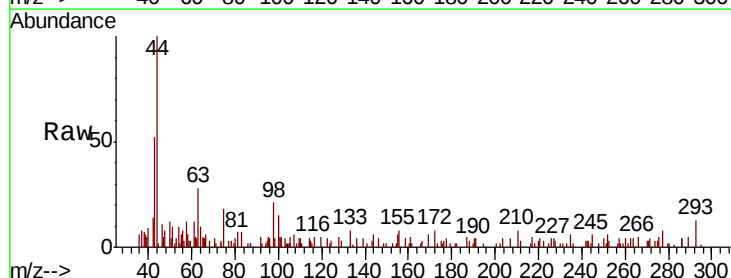
Acq: 12 Sep 2018 14:48

Tgt Ion: 43 Resp: 5286

Ion Ratio Lower Upper

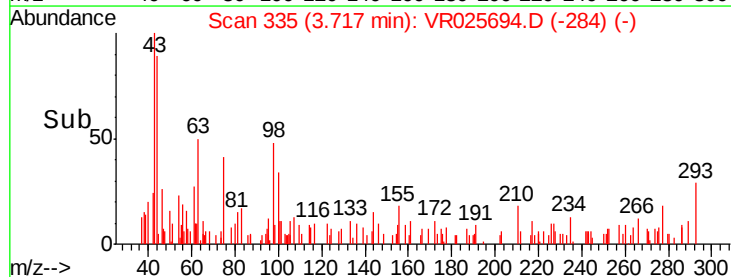
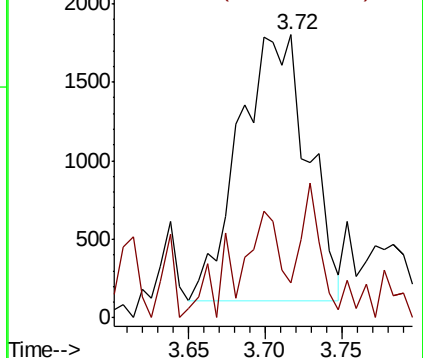
43 100

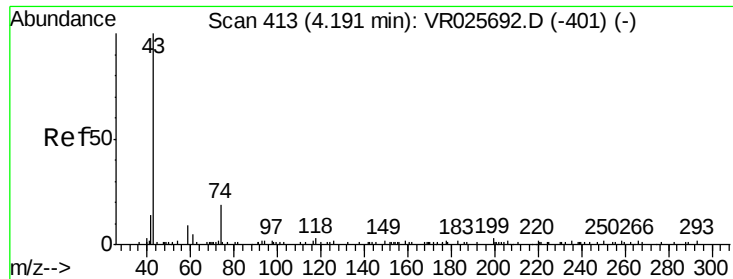
58 12.3 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

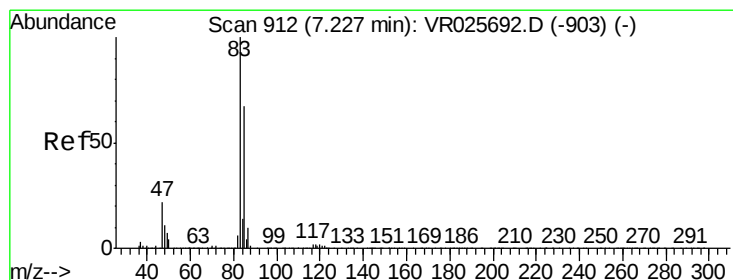
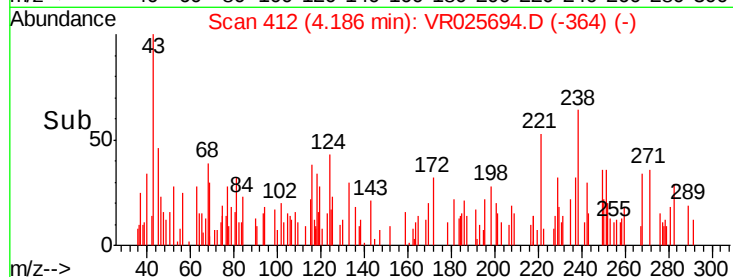
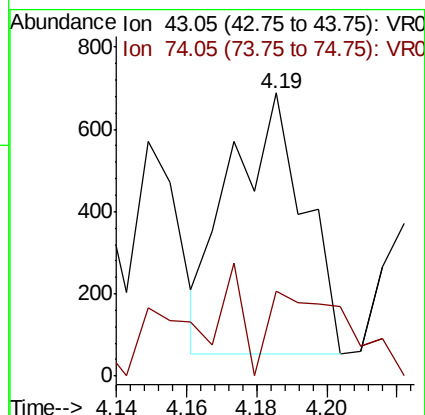
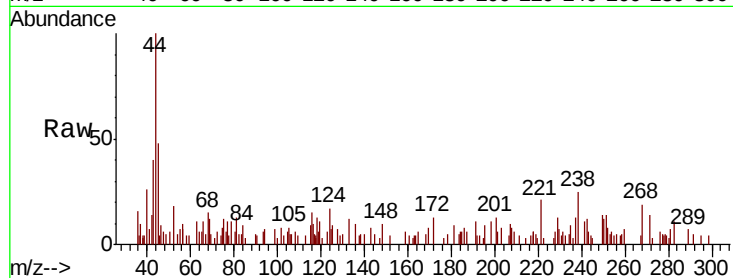




#15
Methyl Acetate
Concen: 0.14 ug/L
RT: 4.19 min Scan# 412
Delta R.T. -0.01 min
Lab File: VR025694.D
Acq: 12 Sep 2018 14:48

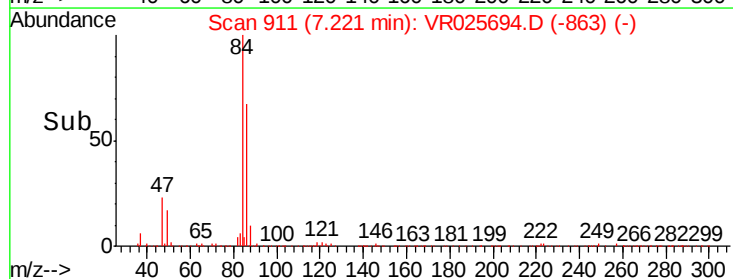
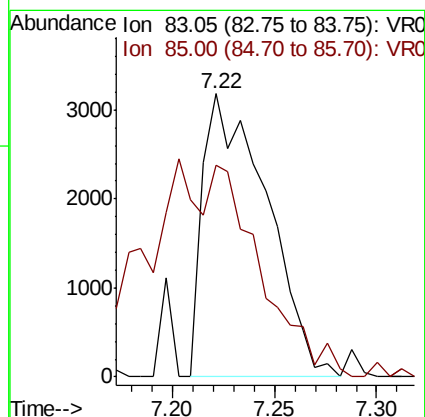
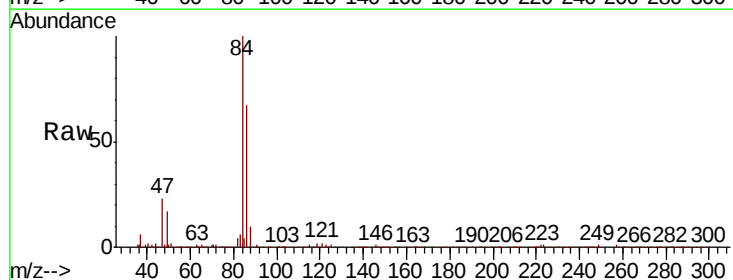
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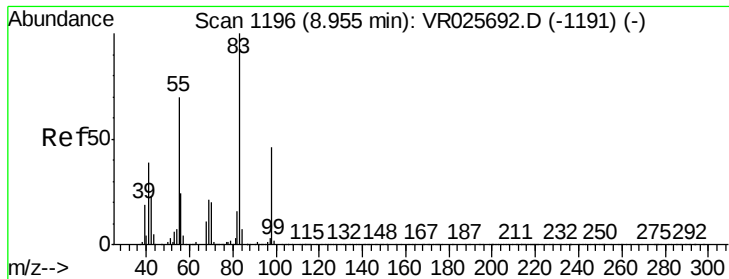
Tot Ion: 43 Resp: 923
Ion Ratio Lower Upper
43 100
74 35.1 24.2 36.4



#25
Chloroform
Concen: 0.10 ug/L
RT: 7.22 min Scan# 911
Delta R.T. -0.01 min
Lab File: VR025694.D
Acq: 12 Sep 2018 14:48

Tgt Ion: 83 Resp: 6910
Ion Ratio Lower Upper
83 100
85 74.7 43.8 81.4

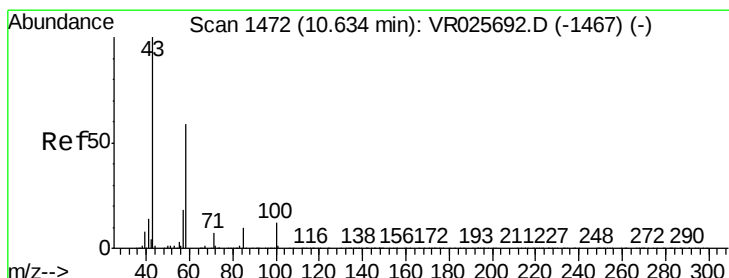
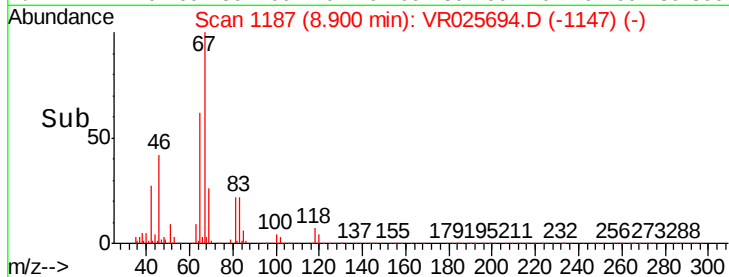
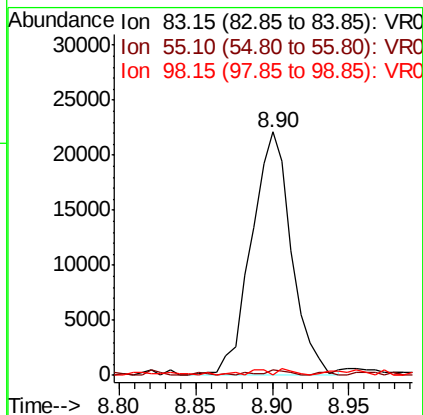
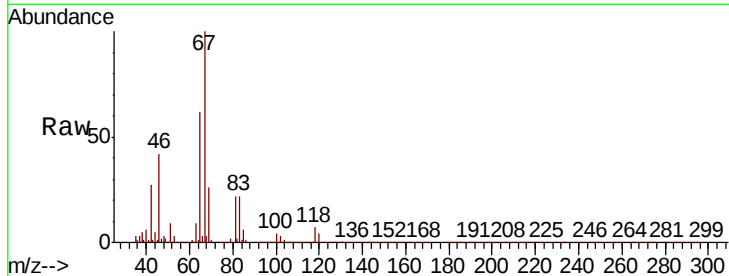




#35
Methylcyclohexane
Concen: 0.58 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025694.D
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Instrument :
MSVOA_R
ClientSampleId :
C0KP8

Tot Ion: 83 Resp: 40276
Ion Ratio Lower Upper
83 100
55 1.5 58.9 88.3#
98 1.0 36.9 55.3#



#48
2-Hexanone
Concen: 2.72 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR025694.D
Acq: 12 Sep 2018 14:48

Tgt Ion: 43 Resp: 19784
Ion Ratio Lower Upper
43 100
58 34.7 45.8 68.8#
57 36.1 14.2 21.2#
100 5.5 8.6 13.0#

