

Data File : VR025812.D
Acq On : 21 Sep 2018 21:58
Operator : SY/MD
Sample : J4989-16
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
ET0S7

Quant Time: Sep 22 04:38:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 22 04:37:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	452959	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	368830	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	117521	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	149983	4.62	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	2.63	69	117900	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	3.61	63	256065	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	6.59	46	232581	53.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.58%
24) Chloroform-d	7.20	84	297654	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	7.90	65	136044	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	7.85	84	618759	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	8.89	67	174409	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	9.97	98	545007	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	10.24	79	36813	3.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.20%
46) 2-Hexanone-d5	10.59	63	165606	47.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.98%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	63925	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	94278	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

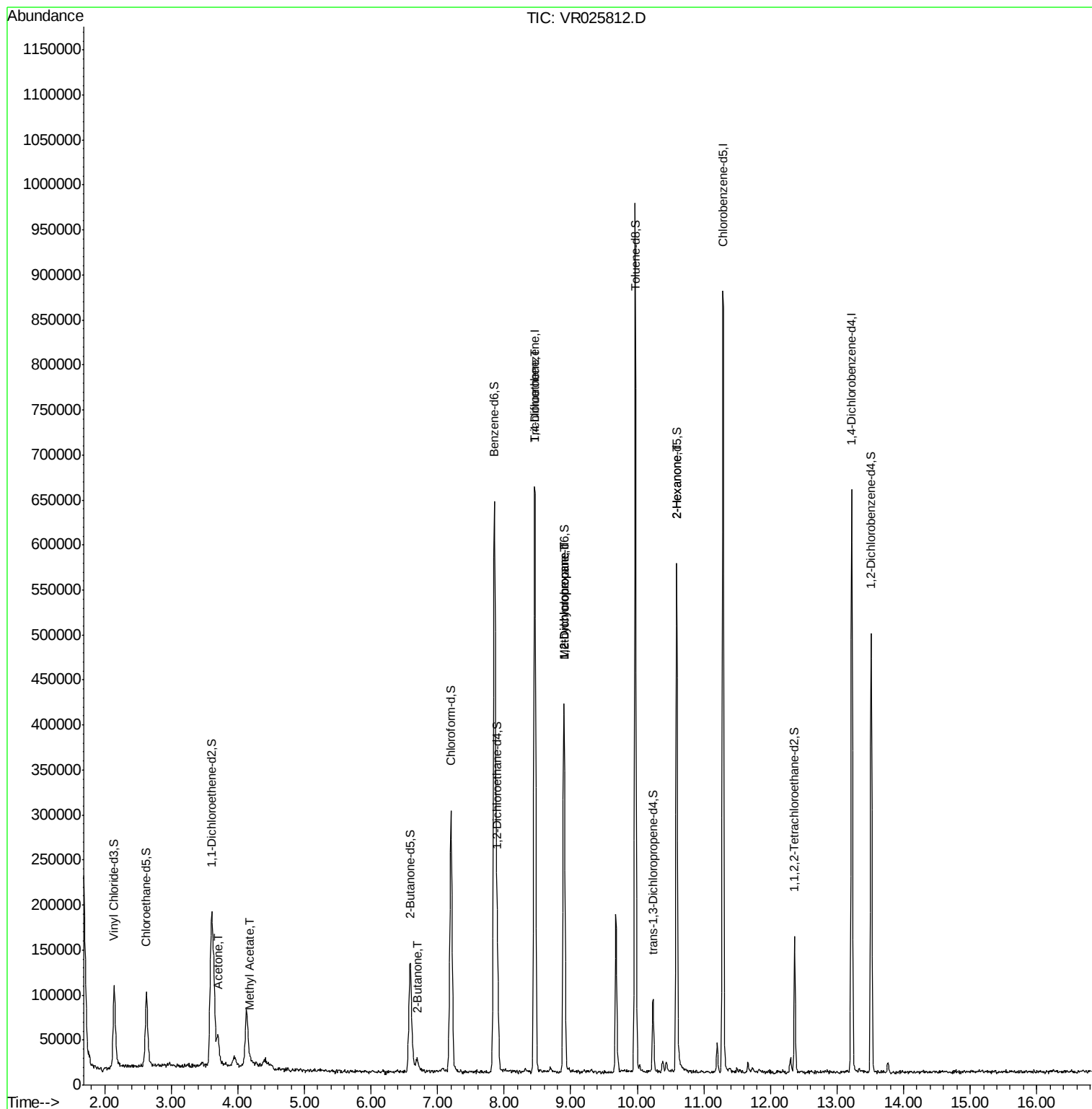
					Qvalue
13) Acetone	3.70	43	56241	19.712	ug/L 99
15) Methyl Acetate	4.19	43	876	0.096	ug/L 95
21) 2-Butanone	6.69	43	10192	1.714	ug/L 96
34) Trichloroethene	8.46	95	17372	0.338	ug/L # 14
35) Methylcyclohexane	8.90	83	39232	0.466	ug/L # 16
37) 1,2-Dichloropropane	8.90	63	22436	0.520	ug/L # 91
48) 2-Hexanone	10.59	43	27093	2.741	ug/L # 75

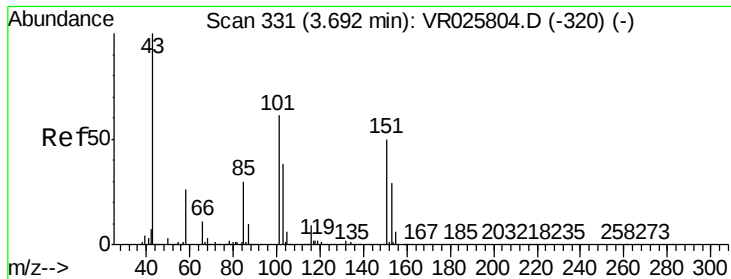
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 19.712 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.01 min

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Acq: 21 Sep 2018 21:58

Instrument :

MSVOA_R

ClientSampleId :

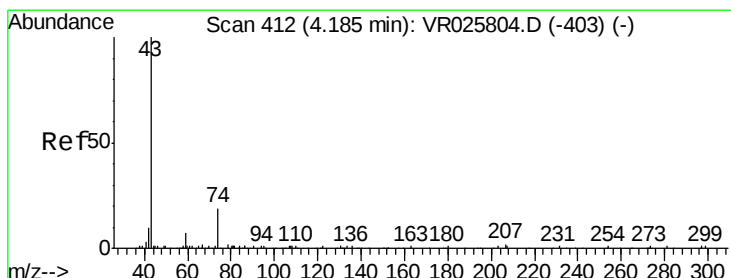
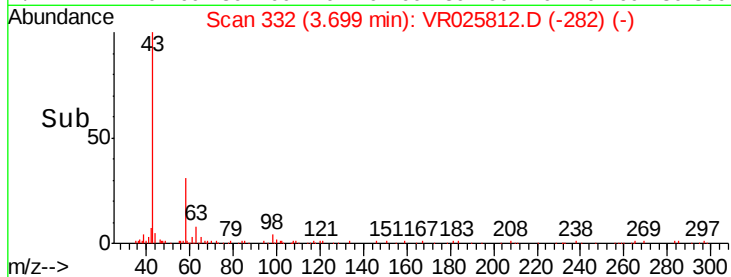
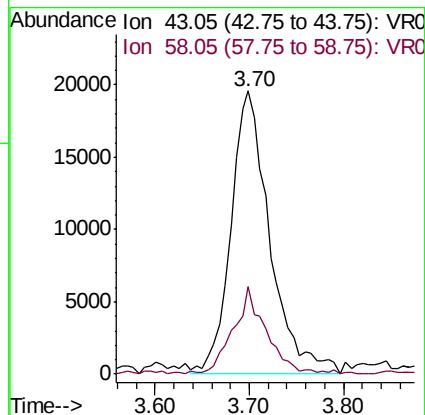
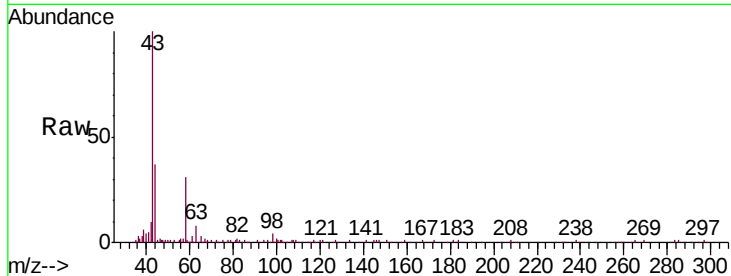
ET0S7

Tgt Ion: 43 Resp: 56241

Ion Ratio Lower Upper

43 100

58 26.1 0.0 51.4



#15

Methyl Acetate

Concen: 0.096 ug/L

RT: 4.19 min Scan# 412

Delta R.T. 0.00 min

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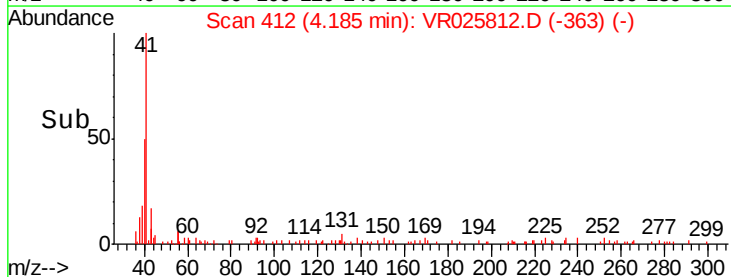
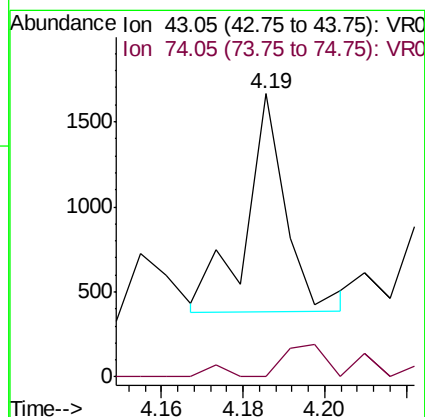
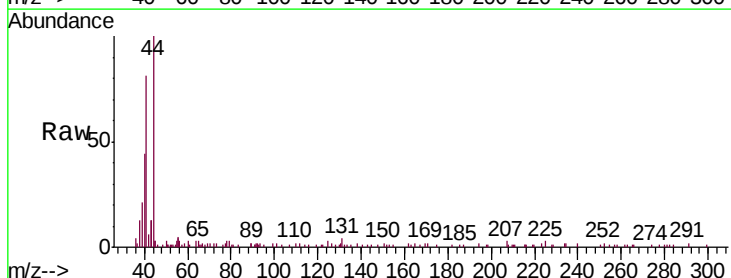
Acq: 21 Sep 2018 21:58

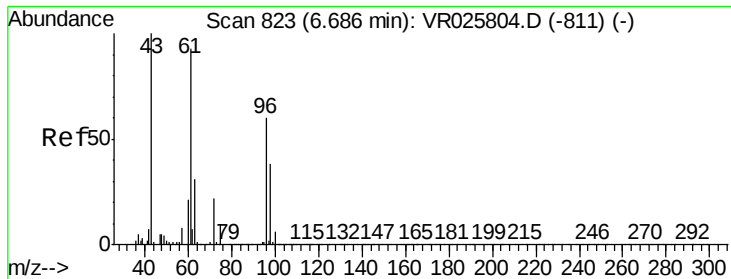
Tgt Ion: 43 Resp: 876

Ion Ratio Lower Upper

43 100

74 26.1 19.0 28.4





#21

2-Butanone

Concen: 1.714 ug/L

RT: 6.69 min Scan# 824

Delta R.T. 0.01 min

Lab File: VR025812.D

Acq: 21 Sep 2018 21:58

Instrument :

MSVOA_R

ClientSampleId :

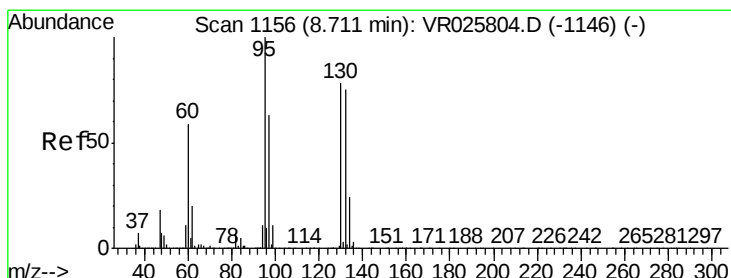
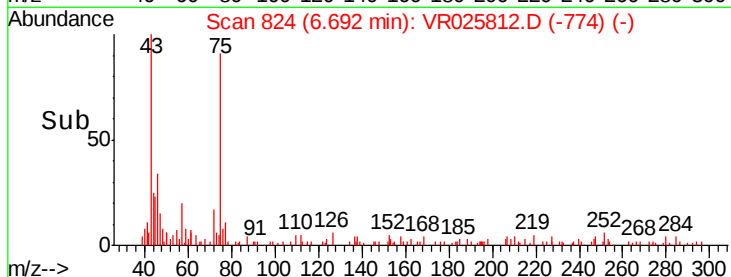
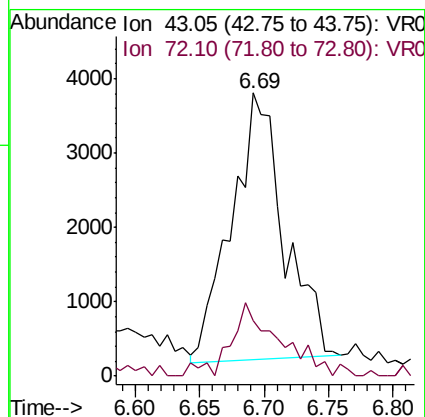
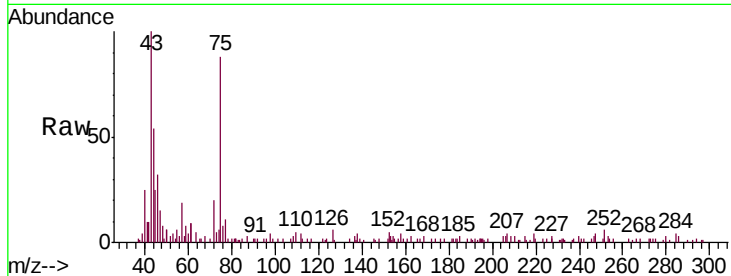
ET0S7

Tgt Ion: 43 Resp: 10192

Ion Ratio Lower Upper

43 100

72 25.6 11.9 35.7



#34

Trichloroethene

Concen: 0.338 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.25 min

Lab File: VR025812.D

Acq: 21 Sep 2018 21:58

Tgt Ion: 95 Resp: 17372

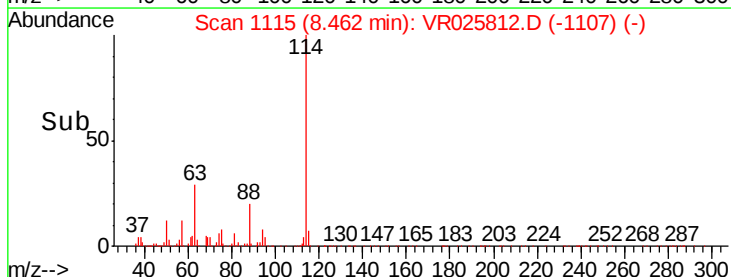
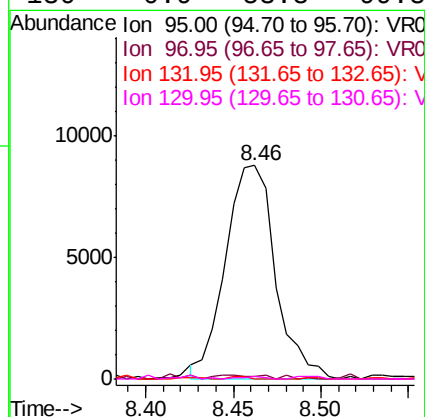
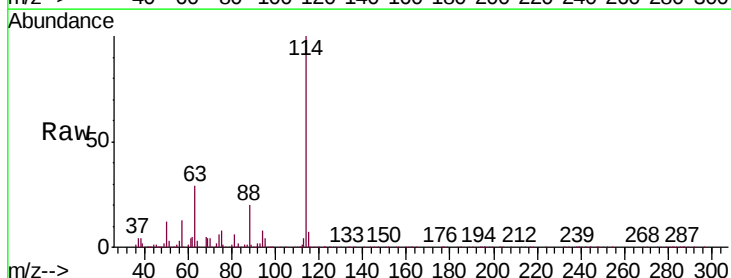
Ion Ratio Lower Upper

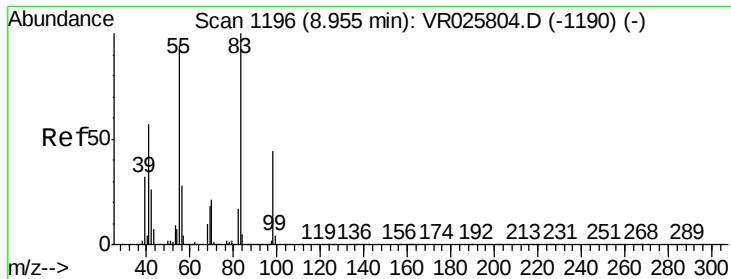
95 100

97 1.3 43.9 81.5#

132 0.0 53.3 98.9#

130 0.9 53.8 99.8#

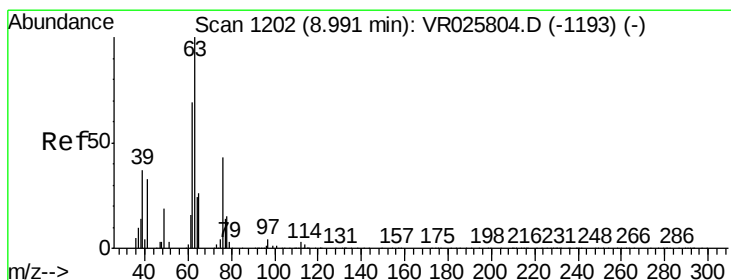
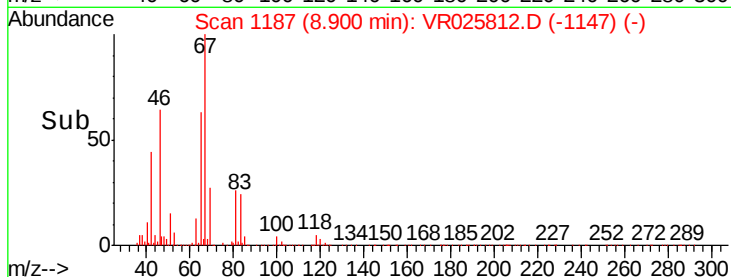
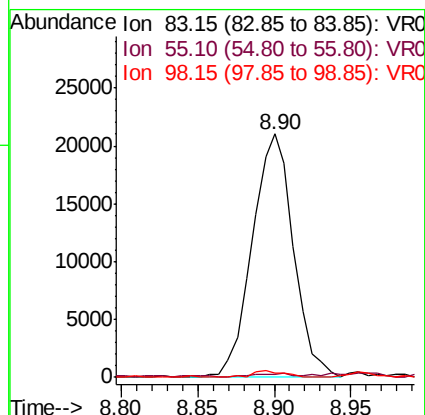
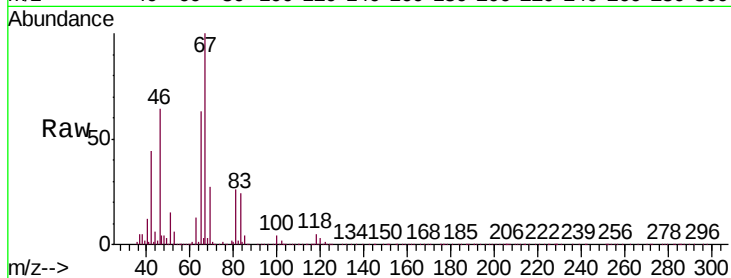




#35
Methylcyclohexane
Concen: 0.466 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025812.D
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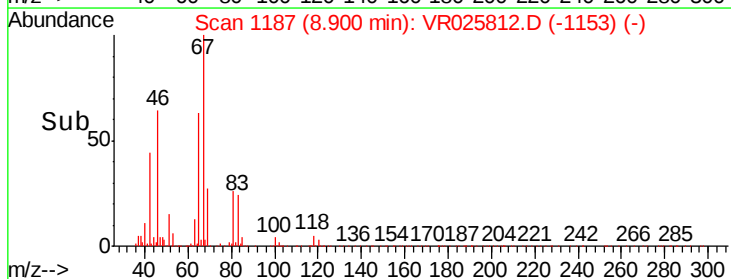
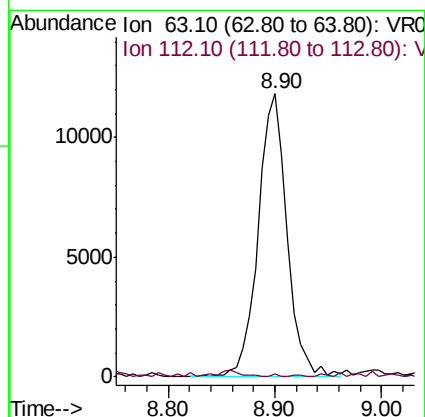
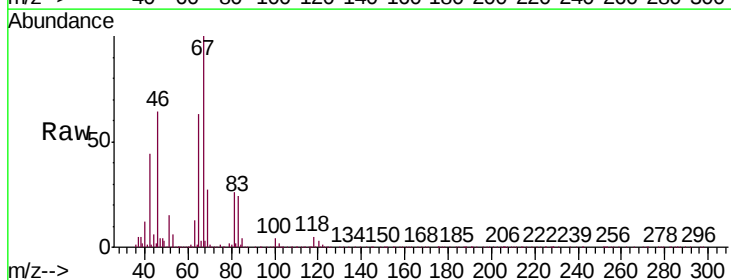
Instrument :
MSVOA_R
ClientSampleId :
ET0S7

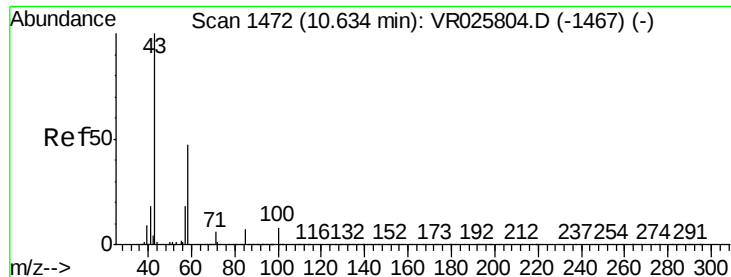
Tgt Ion: 83 Resp: 39232
Ion Ratio Lower Upper
83 100
55 1.3 71.8 107.6#
98 2.1 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.09 min
Lab File: VR025812.D
Acq: 21 Sep 2018 21:58

Tgt Ion: 63 Resp: 22436
Ion Ratio Lower Upper
63 100
112 0.2 2.5 3.7#





#48

2-Hexanone

Concen: 2.741 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025812.D

Acq: 21 Sep 2018 21:58

Instrument :

MSVOA_R

ClientSampleId :

ET0S7

Tgt Ion: 43 Resp: 27093

Ion Ratio Lower Upper

43 100

58 25.5 39.5 59.3#

57 18.5 14.6 21.8

100 0.3 6.7 10.1#

