

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092718\
 Data File : VR025888.D
 Acq On : 27 Sep 2018 23:20
 Operator : SY/MD
 Sample : J5119-09
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 28 05:46:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 05:44:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	491479	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	406017	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	136047	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	203333	5.25	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	2.63	69	161269	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	3.63	63	360381	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.20%
20) 2-Butanone-d5	6.59	46	225567	52.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.42%
24) Chloroform-d	7.20	84	315786	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	7.90	65	143292	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	7.85	84	669132	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	8.90	67	180998	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	9.97	98	612499	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	10.24	79	34803	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	10.59	63	170186	53.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.98%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	69570	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	109948	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

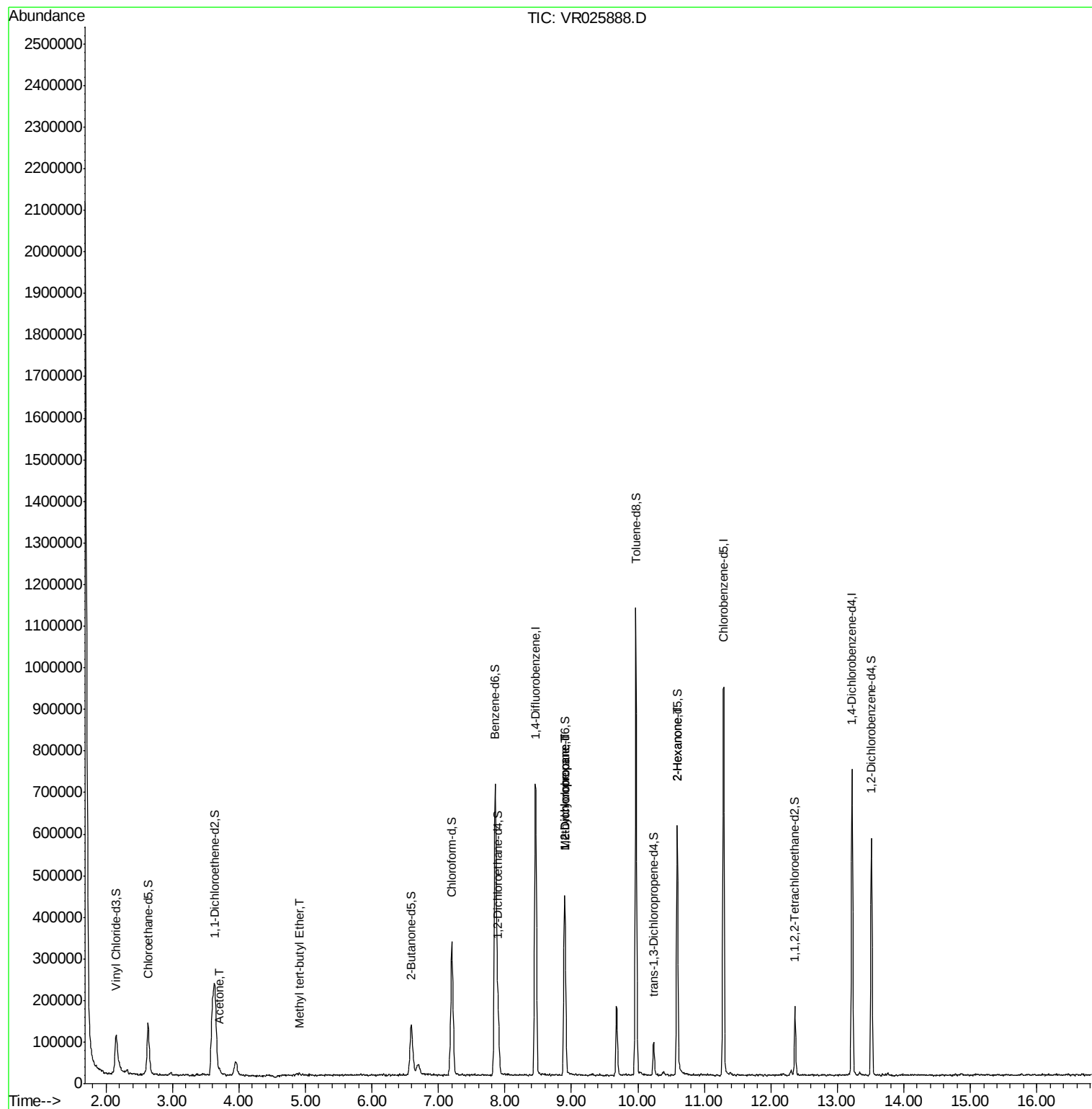
					Ovalue
13) Acetone	3.70	43	15460	4.937 ug/L	93
17) Methyl tert-butyl Ether	4.90	73	6657	0.162 ug/L #	66
35) Methylcyclohexane	8.90	83	42064	0.780 ug/L #	15
37) 1,2-Dichloropropane	8.90	63	23204	0.794 ug/L #	93
48) 2-Hexanone	10.59	43	25810	3.837 ug/L #	74

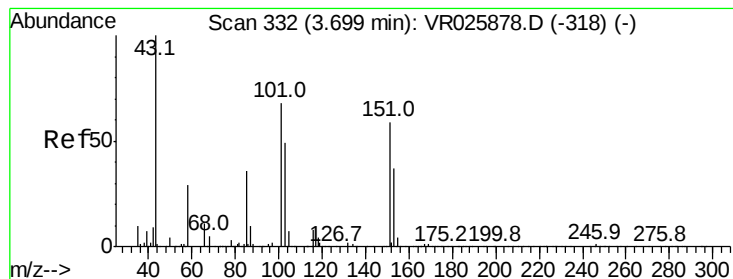
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.937 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

Lab File: VR025888.D

Acq: 27 Sep 2018 23:20

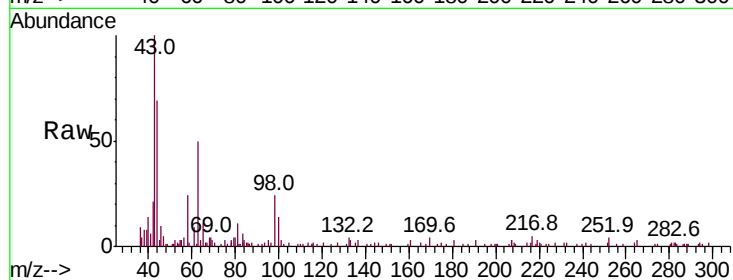
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 43 Resp: 15460

Ion Ratio Lower Upper

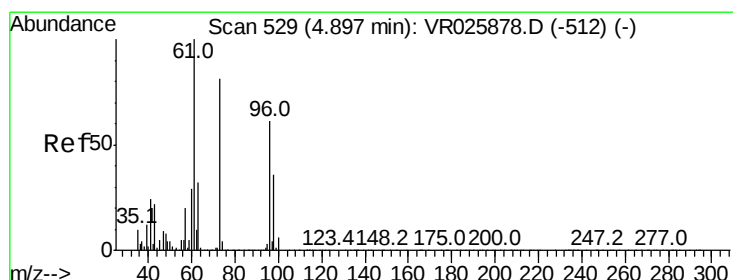
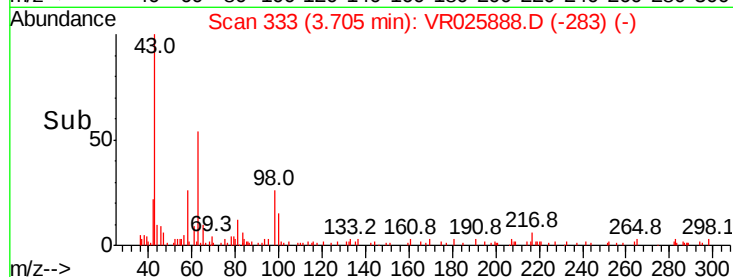
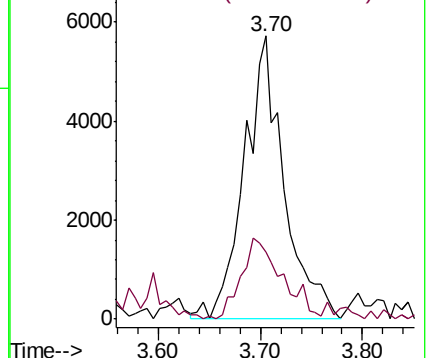
43 100

58 29.2 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#17

Methyl tert-butyl Ether

Concen: 0.162 ug/L

RT: 4.90 min Scan# 530

Delta R.T. 0.01 min

Lab File: VR025888.D

Acq: 27 Sep 2018 23:20

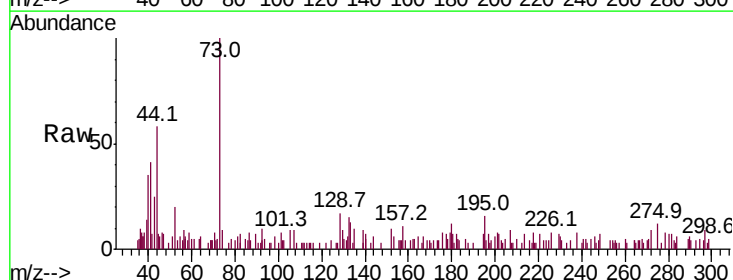
Tgt Ion: 73 Resp: 6657

Ion Ratio Lower Upper

73 100

43 0.0 19.8 29.8#

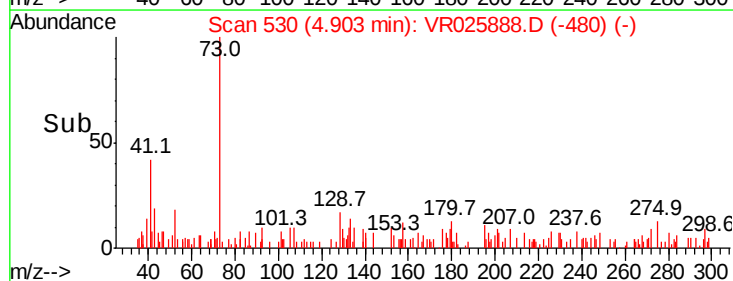
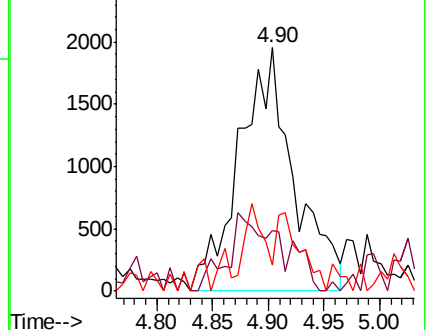
57 14.2 17.9 26.9#

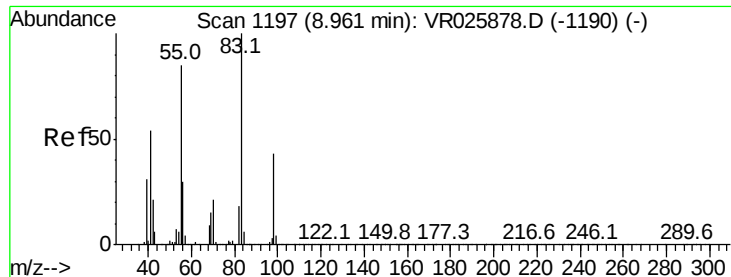


Abundance Ion 73.10 (72.80 to 73.80): VR0

Ion 43.05 (42.75 to 43.75): VR0

Ion 57.10 (56.80 to 57.80): VR0

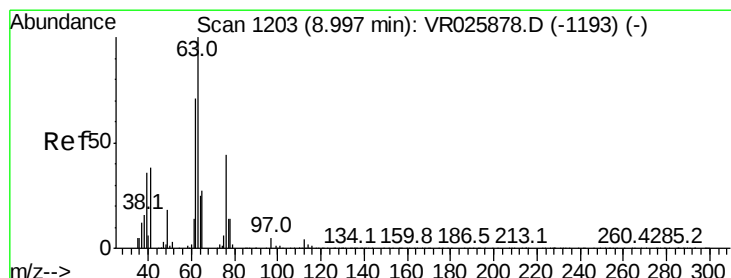
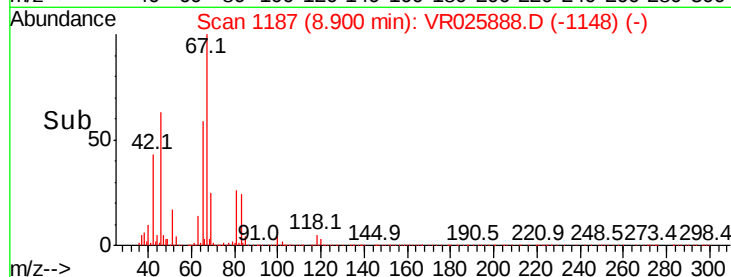
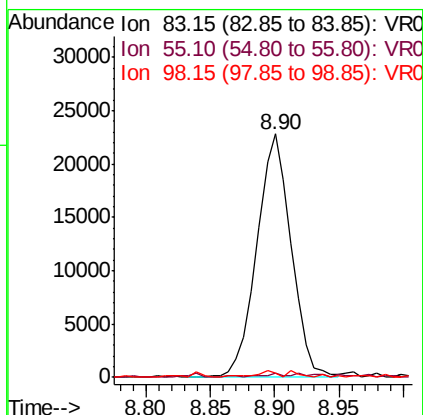
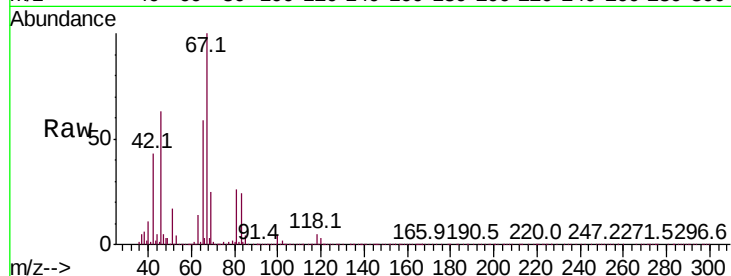




#35
Methvlcvclohexane
Concen: 0.780 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.06 min
Lab File: VR025888.D
Acq: 27 Sep 2018 23:20

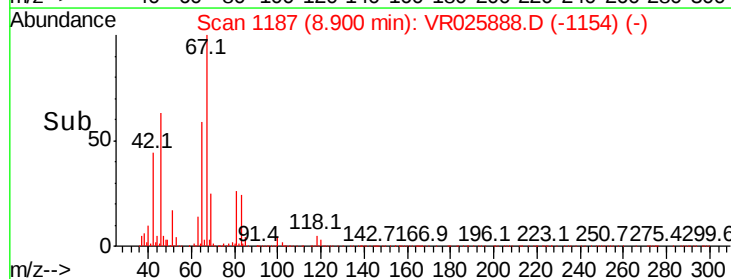
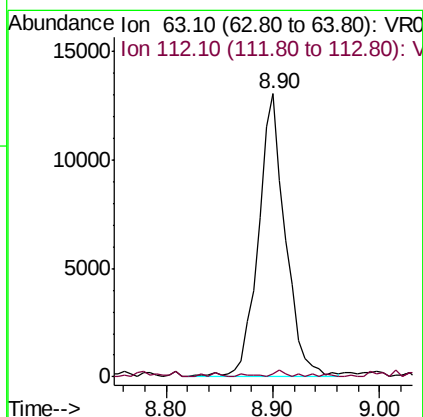
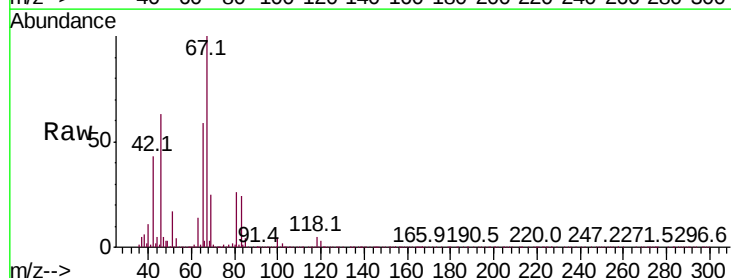
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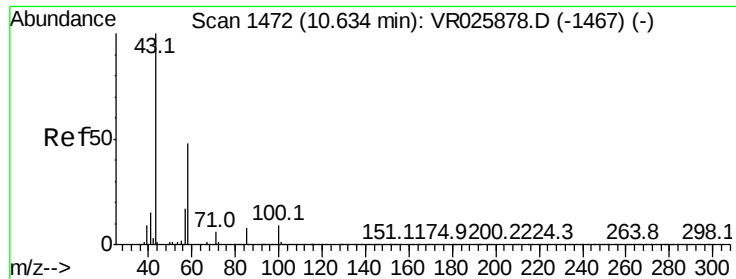
Tot Ion: 83 Resp: 42064
Ion Ratio Lower Upper
83 100
55 0.8 71.8 107.6#
98 1.7 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.794 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR025888.D
Acq: 27 Sep 2018 23:20

Tgt Ion: 63 Resp: 23204
Ion Ratio Lower Upper
63 100
112 0.9 2.5 3.7#





#48
 2-Hexanone
 Concen: 3.837 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR025888.D
 Acq: 27 Sep 2018 23:20

Instrument :
 MSVOA_R
 ClientSampleId :

Tot Ion: 43 Resp: 25810
 Ion Ratio Lower Upper
 43 100
 58 26.6 39.5 59.3#
 57 22.9 14.6 21.8#
 100 2.6 6.7 10.1#

