

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR080818\
 Data File : VR025588.D
 Acq On : 8 Aug 2018 10:42
 Operator : SY/MD
 Sample : VR0808WBL01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Aug 09 04:27:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 04:27:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	608887	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	514114	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	176678	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	194015	5.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.80%
7) Chloroethane-d5	2.64	69	135145	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	3.64	63	330858	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	6.60	46	167413	53.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.38%
24) Chloroform-d	7.21	84	305234	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	7.90	65	107886	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	7.86	84	723669	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	8.90	67	184729	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	9.97	98	682075	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	10.24	79	40783	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	10.59	63	154343	52.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.34%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	77937	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	157069	5.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.40%

Target Compounds

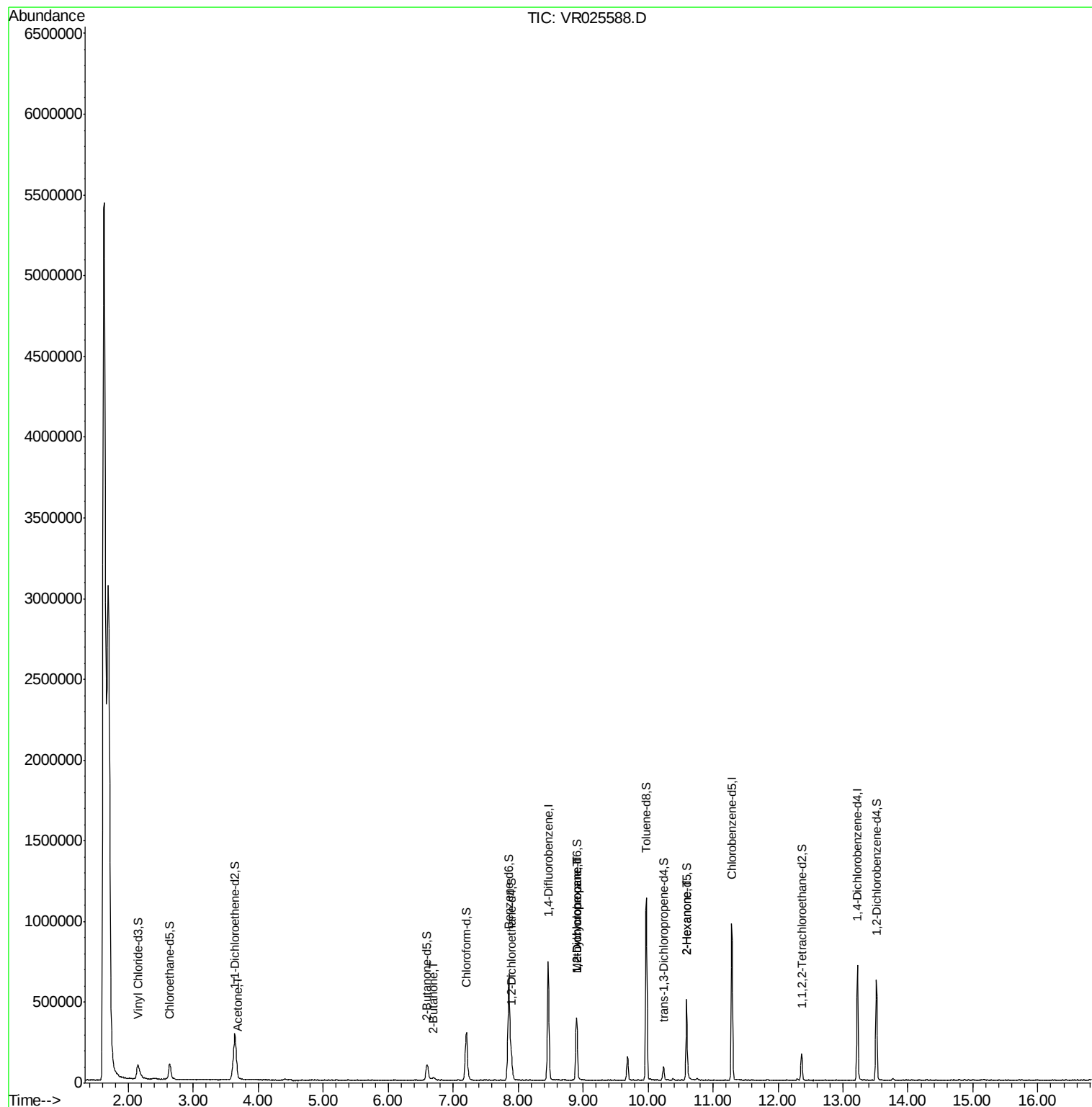
				Ovalue	
13) Acetone	3.70	43	644	0.246 ug/L	94
21) 2-Butanone	6.68	43	895	0.246 ug/L #	61
35) Methylcyclohexane	8.90	83	44839	0.755 ug/L #	20
37) 1,2-Dichloropropane	8.90	63	18215	0.545 ug/L #	91
48) 2-Hexanone	10.59	43	19388	3.052 ug/L #	67

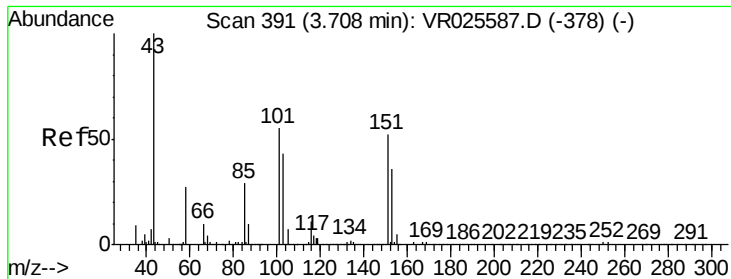
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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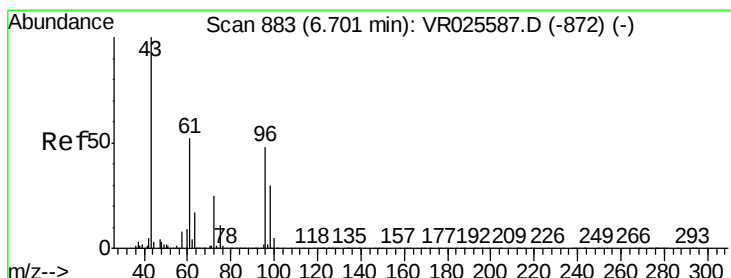
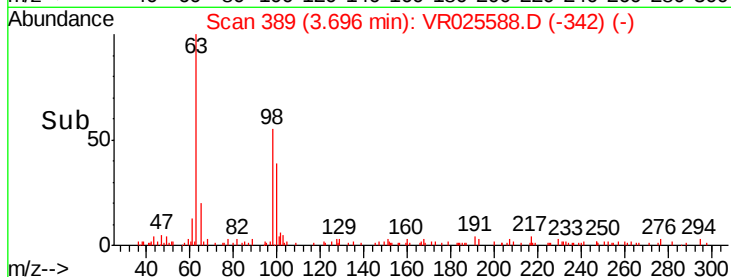
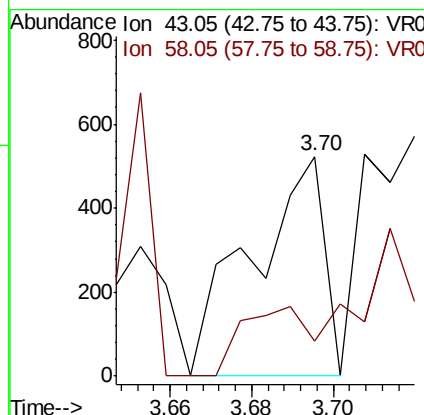
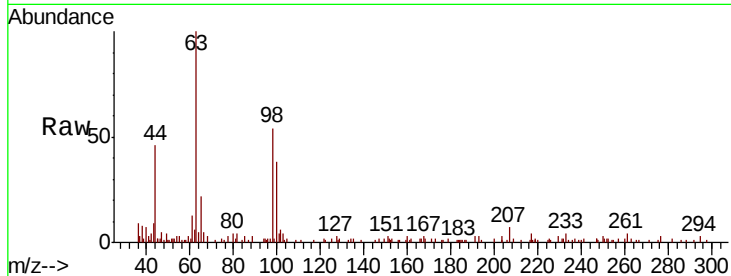




#13
Acetone
Concen: 0.246 ug/L
RT: 3.70 min Scan# 389
Delta R.T. -0.01 min
Lab File: VR025588.D
Acq: 8 Aug 2018 10:42

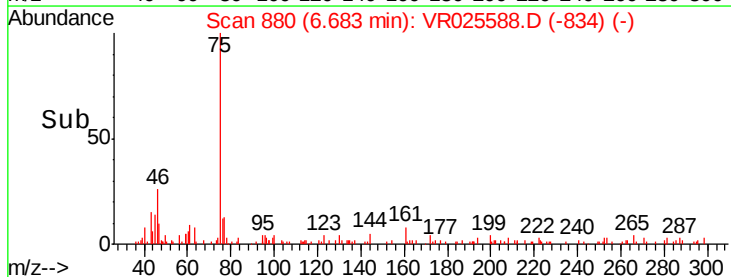
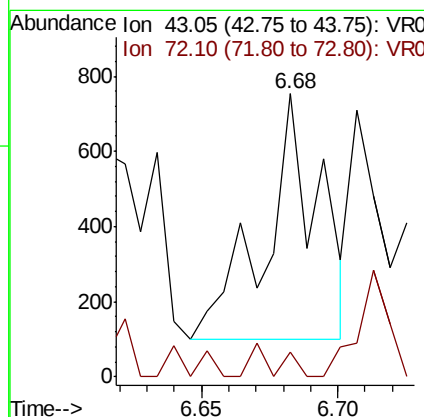
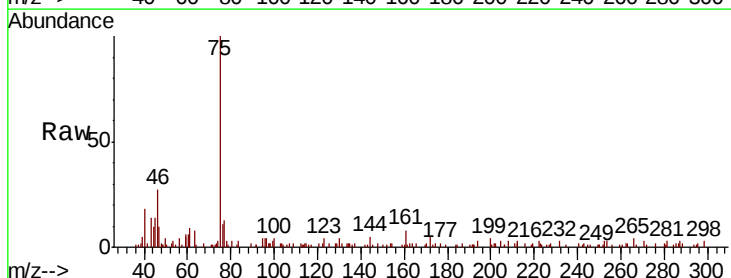
Instrument :
MSVOA_R
ClientSampled :

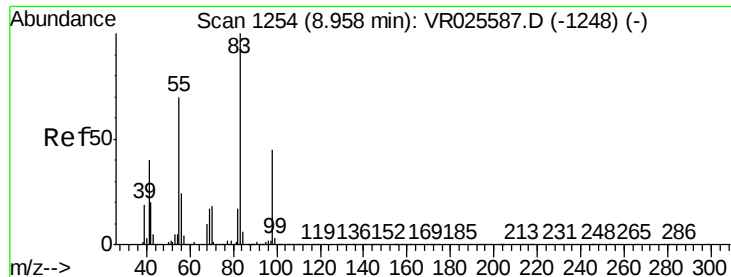
Tot Ion: 43 Resp: 644
Ion Ratio Lower Upper
43 100
58 29.8 0.0 53.4



#21
2-Butanone
Concen: 0.246 ug/L
RT: 6.68 min Scan# 880
Delta R.T. -0.02 min
Lab File: VR025588.D
Acq: 8 Aug 2018 10:42

Tgt Ion: 43 Resp: 895
Ion Ratio Lower Upper
43 100
72 6.4 13.2 39.6#





#35

Methylcyclohexane

Concen: 0.755 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025588.D

Acq: 8 Aug 2018 10:42

Instrument :

MSVOA_R

ClientSampleId :

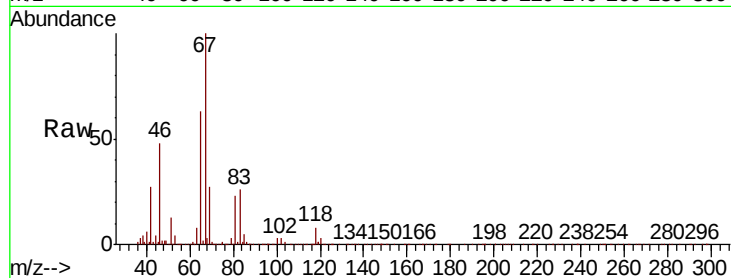
Tot Ion: 83 Resp: 44839

Ion Ratio Lower Upper

83 100

55 0.5 58.3 87.5#

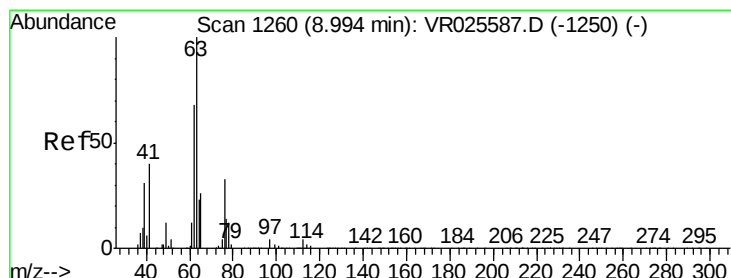
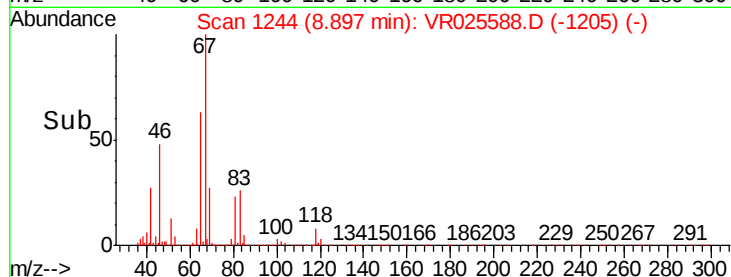
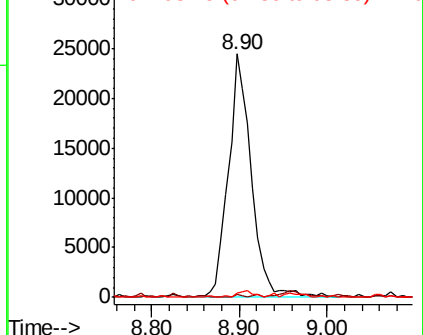
98 0.0 37.8 56.6#



Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0



#37

1,2-Dichloropropane

Concen: 0.545 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VR025588.D

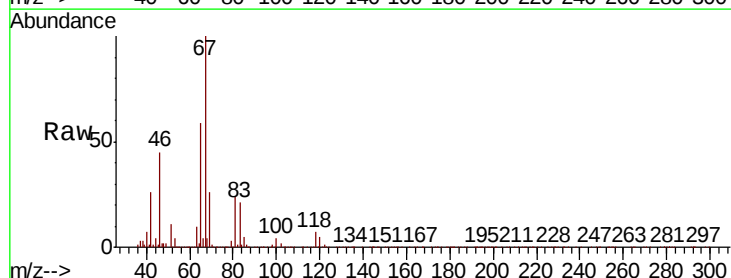
Acq: 8 Aug 2018 10:42

Tgt Ion: 63 Resp: 18215

Ion Ratio Lower Upper

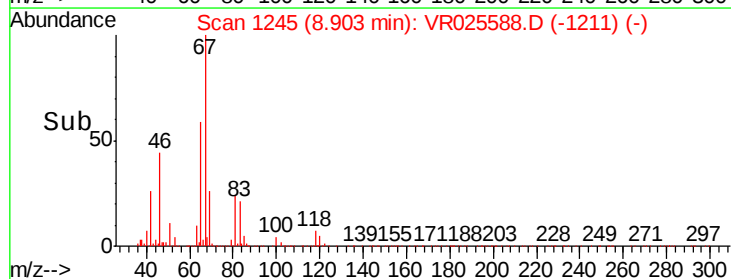
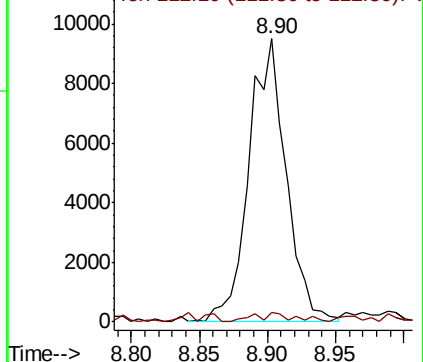
63 100

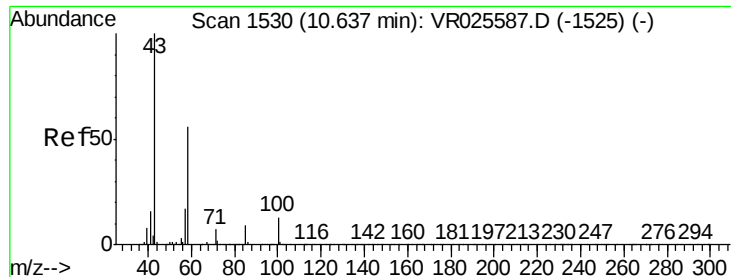
112 1.0 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V





#48
 2-Hexanone
 Concen: 3.052 ug/L
 RT: 10.59 min Scan# 1522
 Delta R.T. -0.05 min
 Lab File: VR025588.D
 Acq: 8 Aug 2018 10:42

Instrument :
 MSVOA_R
 ClientSampleId :

Tot Ion: 43 Resp: 19388
 Ion Ratio Lower Upper
 43 100
 58 27.0 45.0 67.6#
 57 30.7 15.8 23.6#
 100 5.6 9.3 13.9#

