

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR073118\
 Data File : VR025549.D
 Acq On : 31 Jul 2018 13:19
 Operator : SY/MD
 Sample : VR0731WBL01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Aug 01 05:09:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 01 05:08:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	672313	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	564167	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	200059	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	180311	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	2.64	69	141167	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	3.64	63	299650	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	6.60	46	158590	46.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.12%
24) Chloroform-d	7.21	84	284862	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	7.89	65	100374	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
32) Benzene-d6	7.86	84	662135	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	8.90	67	174847	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	9.97	98	628449	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	10.24	79	36639	3.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.20%
46) 2-Hexanone-d5	10.59	63	136058	41.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.82%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	72633	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	146741	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

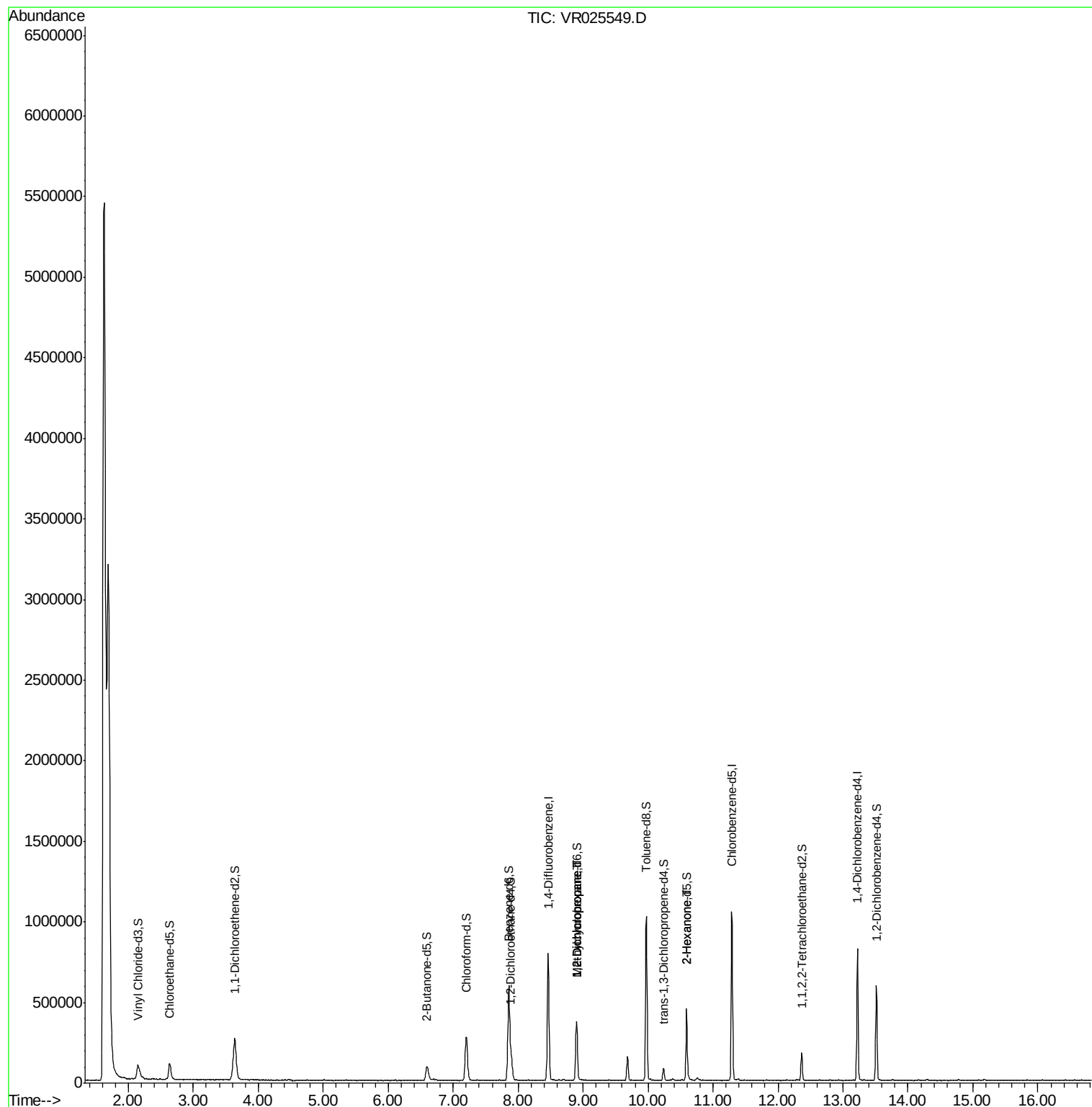
					Ovalue
35) Methylcyclohexane	8.90	83	40201	0.617 ug/L #	22
37) 1,2-Dichloropropane	8.90	63	17143	0.467 ug/L #	90
48) 2-Hexanone	10.59	43	15869	2.276 ug/L #	72

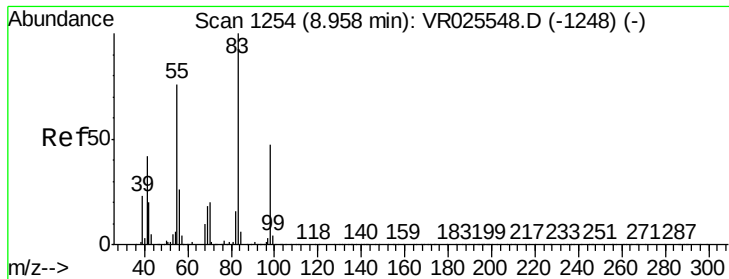
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylvlcyclohexane

Concen: 0.617 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025549.D

Acq: 31 Jul 2018 13:19

Instrument :
MSVOA_R
ClientSampled :

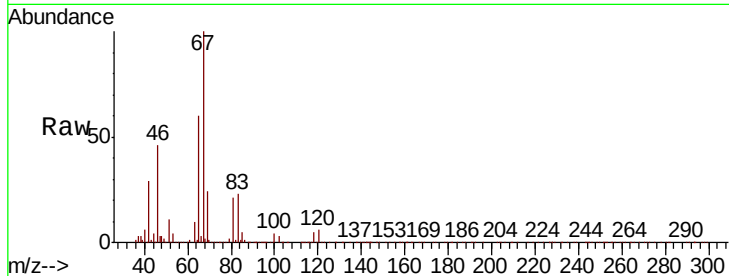
Tot Ion: 83 Resp: 40201

Ion Ratio Lower Upper

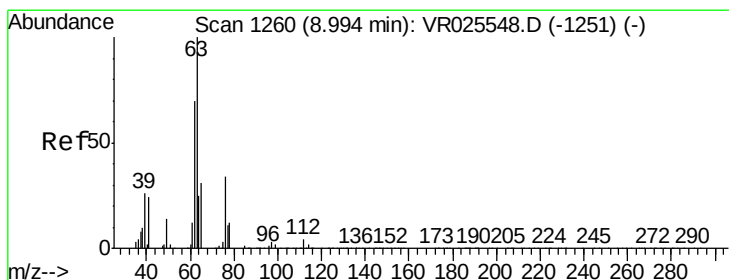
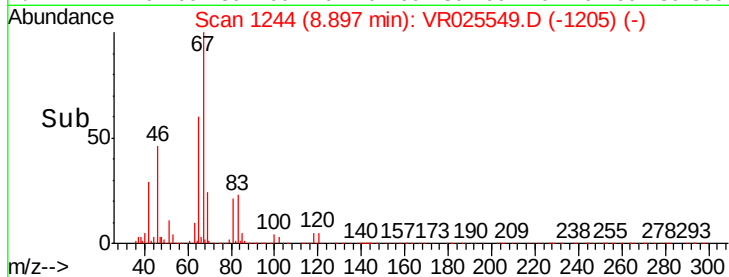
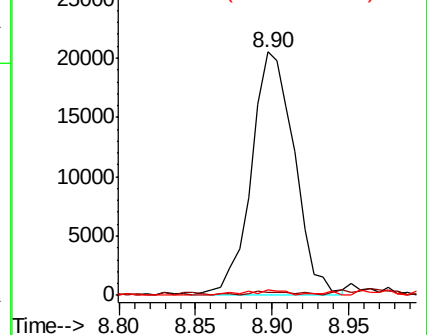
83 100

55 1.8 58.3 87.5#

98 2.3 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: 0.467 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VR025549.D

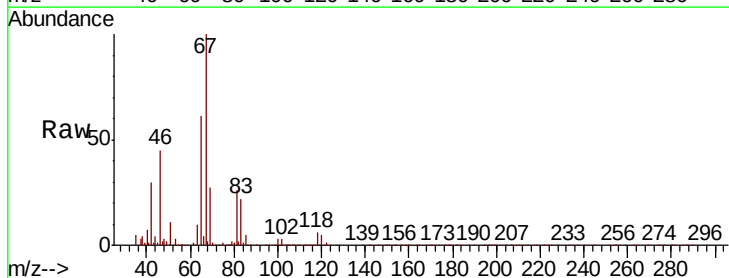
Acq: 31 Jul 2018 13:19

Tgt Ion: 63 Resp: 17143

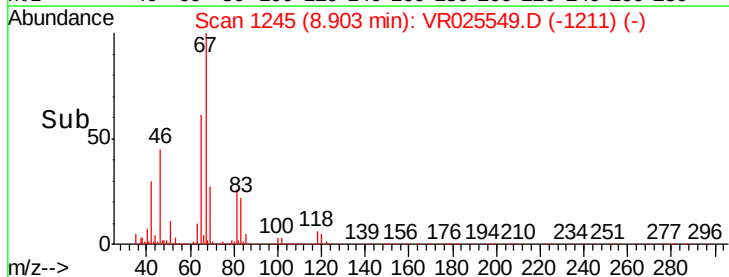
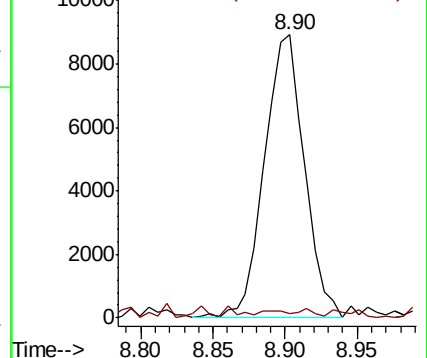
Ion Ratio Lower Upper

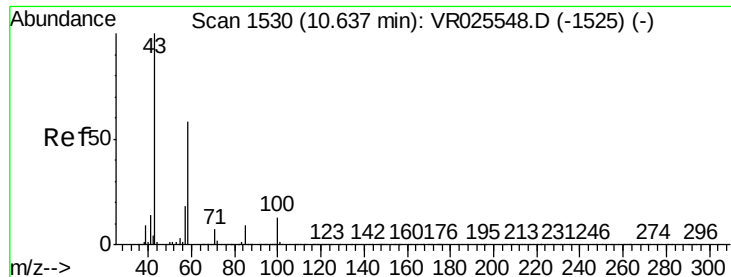
63 100

112 0.9 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: 2.276 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.05 min

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Acq: 31 Jul 2018 13:19

Instrument :

MSVOA_R

ClientSampleId :

Tot Ion: 43 Resp: 15869

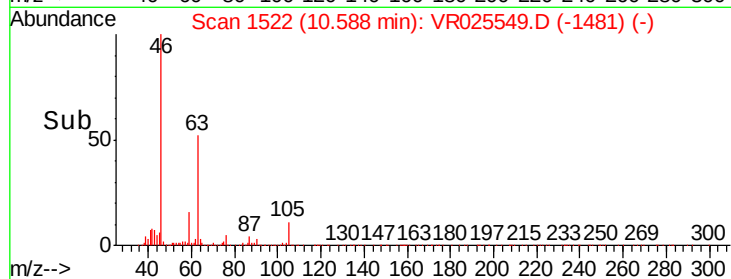
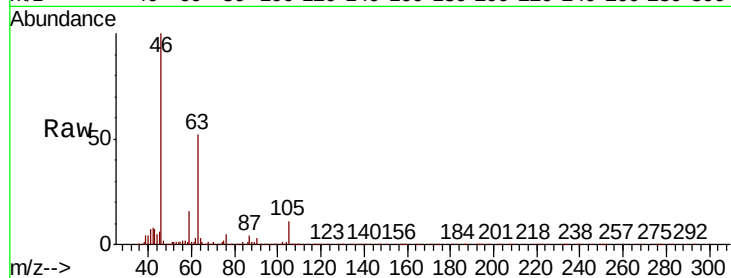
Ion Ratio Lower Upper

43 100

58 34.6 45.0 67.6#

57 34.3 15.8 23.6#

100 6.2 9.3 13.9#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

