

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100518\
 Data File : VR025959.D
 Acq On : 5 Oct 2018 16:21
 Operator : SY/MD
 Sample : J5276-06
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 06 04:23:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 06 04:21:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	841116	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	703033	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	244263	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	119339	1.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	36.00%#
7) Chloroethane-d5	2.63	69	118520	2.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	43.80%#
11) 1,1-Dichloroethene-d2	3.64	63	214523	1.38	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	27.60%#
20) 2-Butanone-d5	6.59	46	186108	25.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	50.34%
24) Chloroform-d	7.20	84	229194	1.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	39.80%#
26) 1,2-Dichloroethane-d4	7.90	65	104436	2.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	42.00%#
32) Benzene-d6	7.86	84	415583	1.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	35.60%#
36) 1,2-Dichloropropane-d6	8.90	67	123073	1.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	39.00%#
41) Toluene-d8	9.97	98	356996	1.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	32.40%#
43) trans-1,3-Dichloropropene-	10.24	79	26094	1.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	36.40%#
46) 2-Hexanone-d5	10.59	63	135245	24.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	49.56%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	56151	2.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	43.80%#
64) 1,2-Dichlorobenzene-d4	13.51	152	80067	2.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	41.00%#

Target Compounds

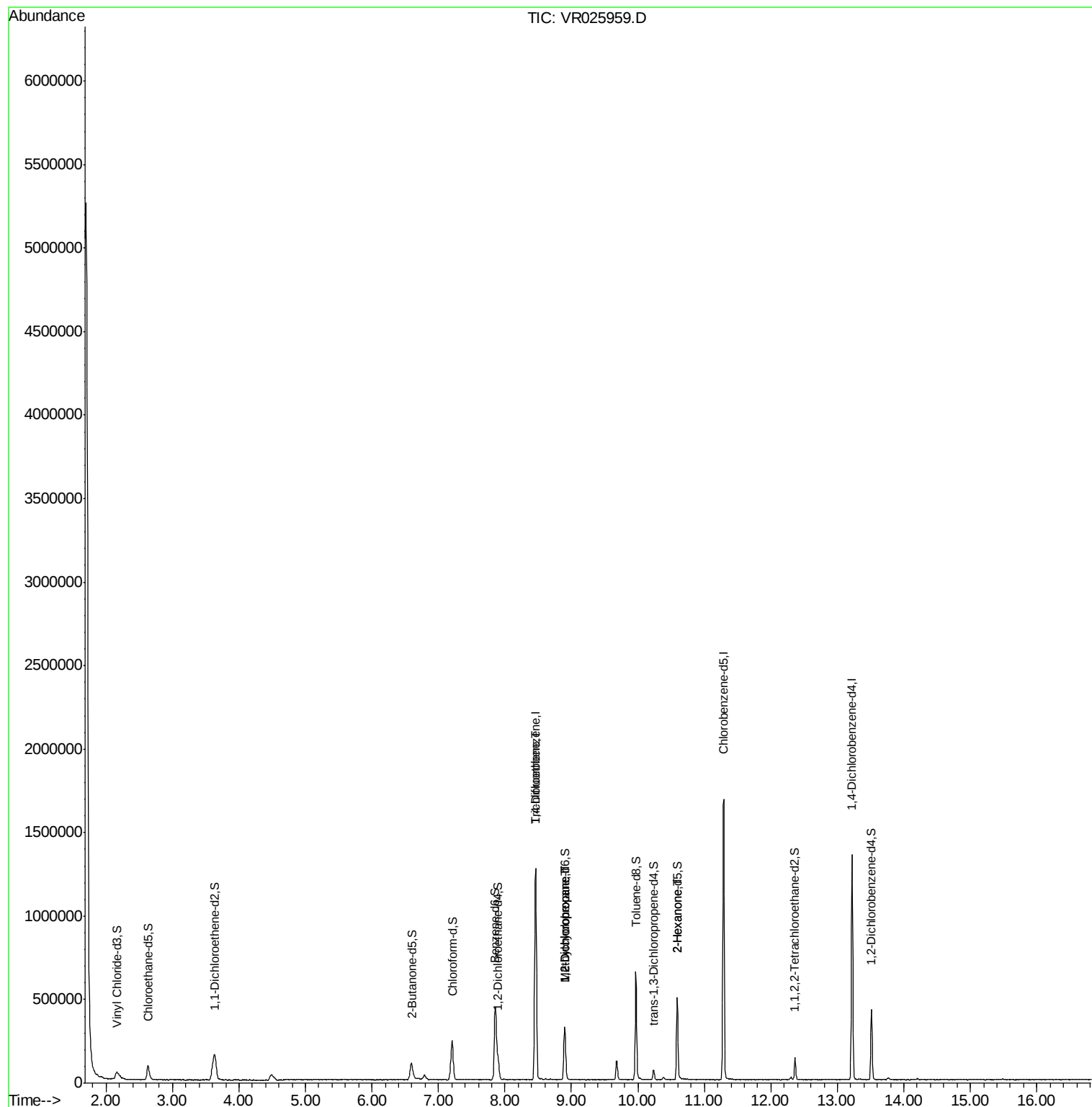
				Ovalue	
34) Trichloroethene	8.46	95	30472	0.490	ug/L # 14
35) Methylcyclohexane	8.90	83	29572	0.317	ug/L # 15
37) 1,2-Dichloropropane	8.90	63	17106	0.338	ug/L # 93
48) 2-Hexanone	10.59	43	22795	1.957	ug/L # 72

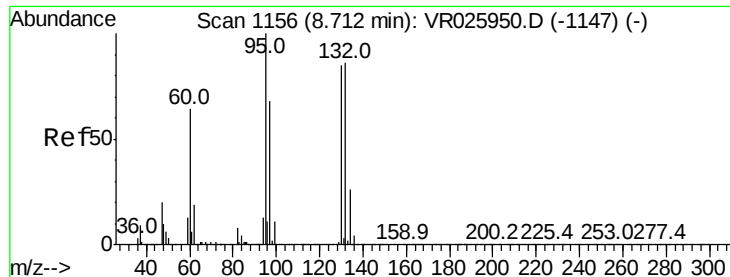
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.490 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.25 min

Lab File: VR025959.D

Acq: 5 Oct 2018 16:21

Instrument :

MSVOA_R

ClientSampleId :

Tot Ion: 95 Resp: 30472

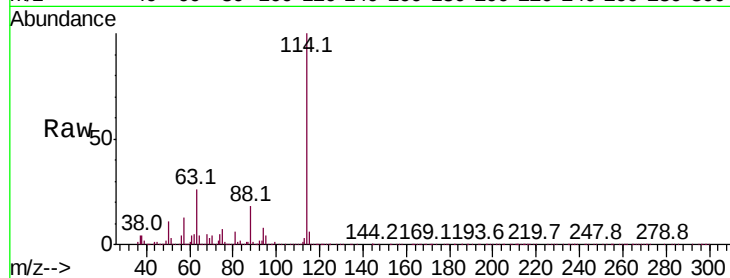
Ion Ratio Lower Upper

95 100

97 1.7 43.9 81.5#

132 0.0 53.3 98.9#

130 0.5 53.8 99.8#

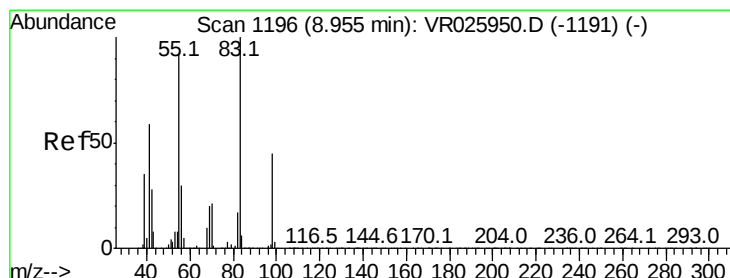
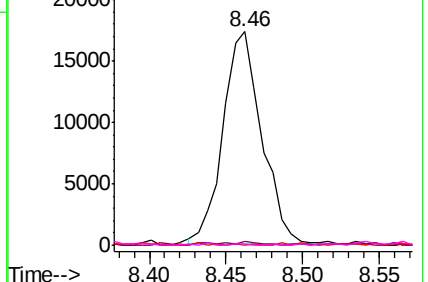
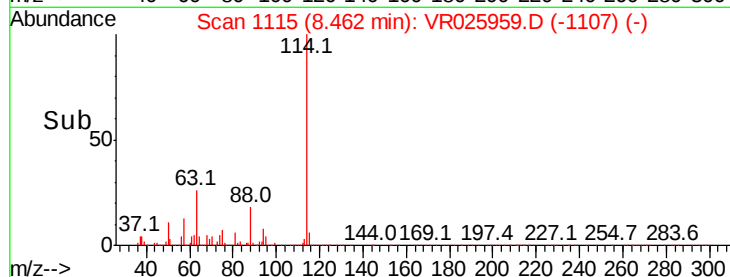


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.317 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR025959.D

Acq: 5 Oct 2018 16:21

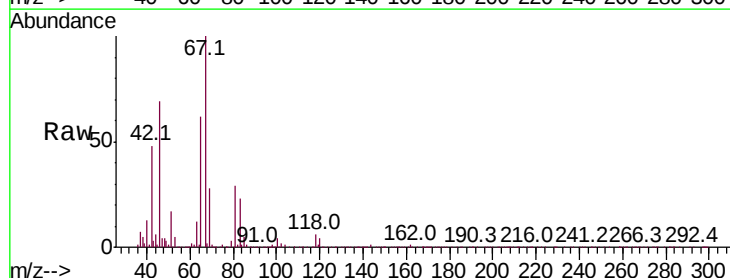
Tgt Ion: 83 Resp: 29572

Ion Ratio Lower Upper

83 100

55 1.1 71.8 107.6#

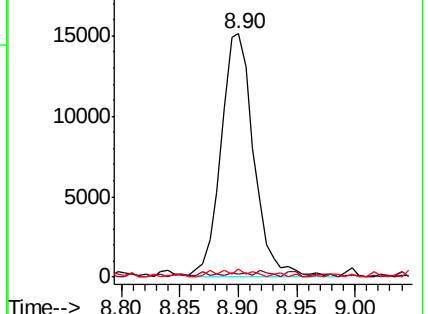
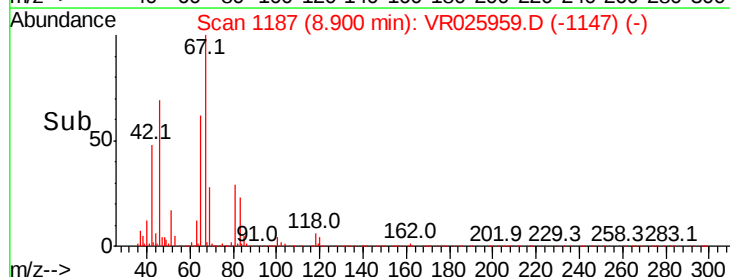
98 1.6 34.2 51.4#

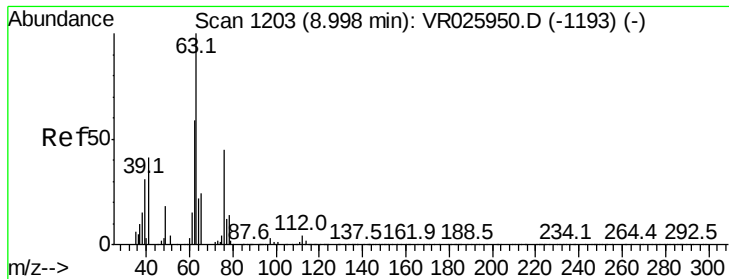


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.338 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

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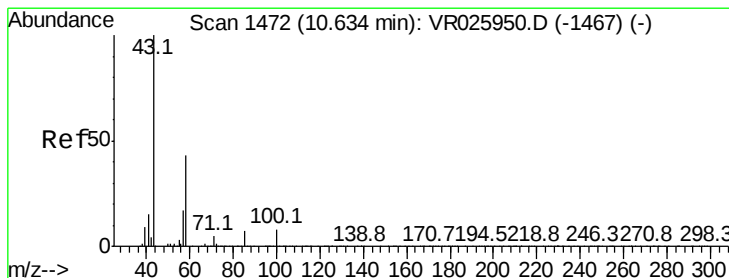
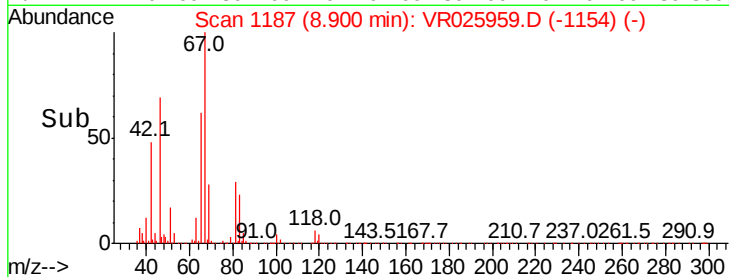
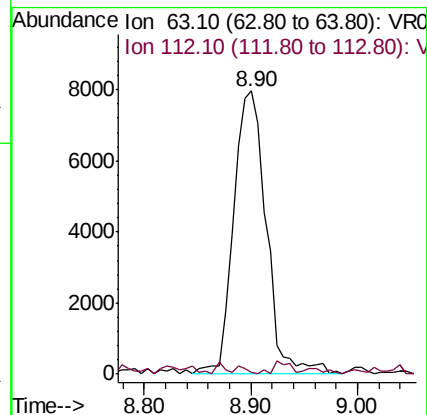
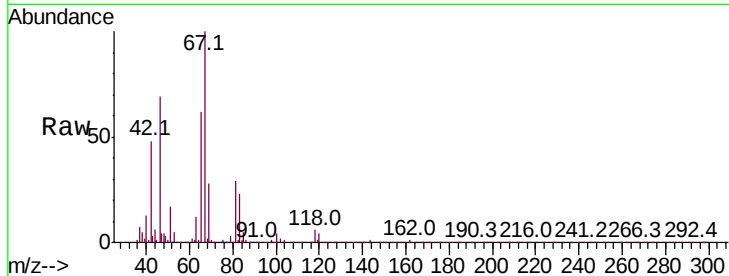
Instrument :
MSVOA_R
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Tot Ion: 63 Resp: 17106

Ion Ratio Lower Upper

63 100

112 0.9 2.5 3.7#



#48

2-Hexanone

Concen: 1.957 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025959.D

Acq: 5 Oct 2018 16:21

Tgt Ion: 43 Resp: 22795

Ion Ratio Lower Upper

43 100

58 23.2 39.5 59.3#

57 22.4 14.6 21.8#

100 4.9 6.7 10.1#

