

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100918\
 Data File : VR026011.D
 Acq On : 9 Oct 2018 13:17
 Operator : SY/MD
 Sample : VR1009WBL01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 10 05:42:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 10 05:39:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	478053	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	396939	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	131861	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	168357	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	2.63	69	159524	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	3.62	63	309785	3.50	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	6.59	46	172263	40.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.98%
24) Chloroform-d	7.20	84	262531	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
26) 1,2-Dichloroethane-d4	7.89	65	116511	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
32) Benzene-d6	7.85	84	515684	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.00%
36) 1,2-Dichloropropane-d6	8.90	67	141748	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.60%
41) Toluene-d8	9.97	98	471514	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.00%
43) trans-1,3-Dichloropropene-	10.24	79	32838	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	10.59	63	127518	41.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.76%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	56893	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	87575	4.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.00%

Target Compounds

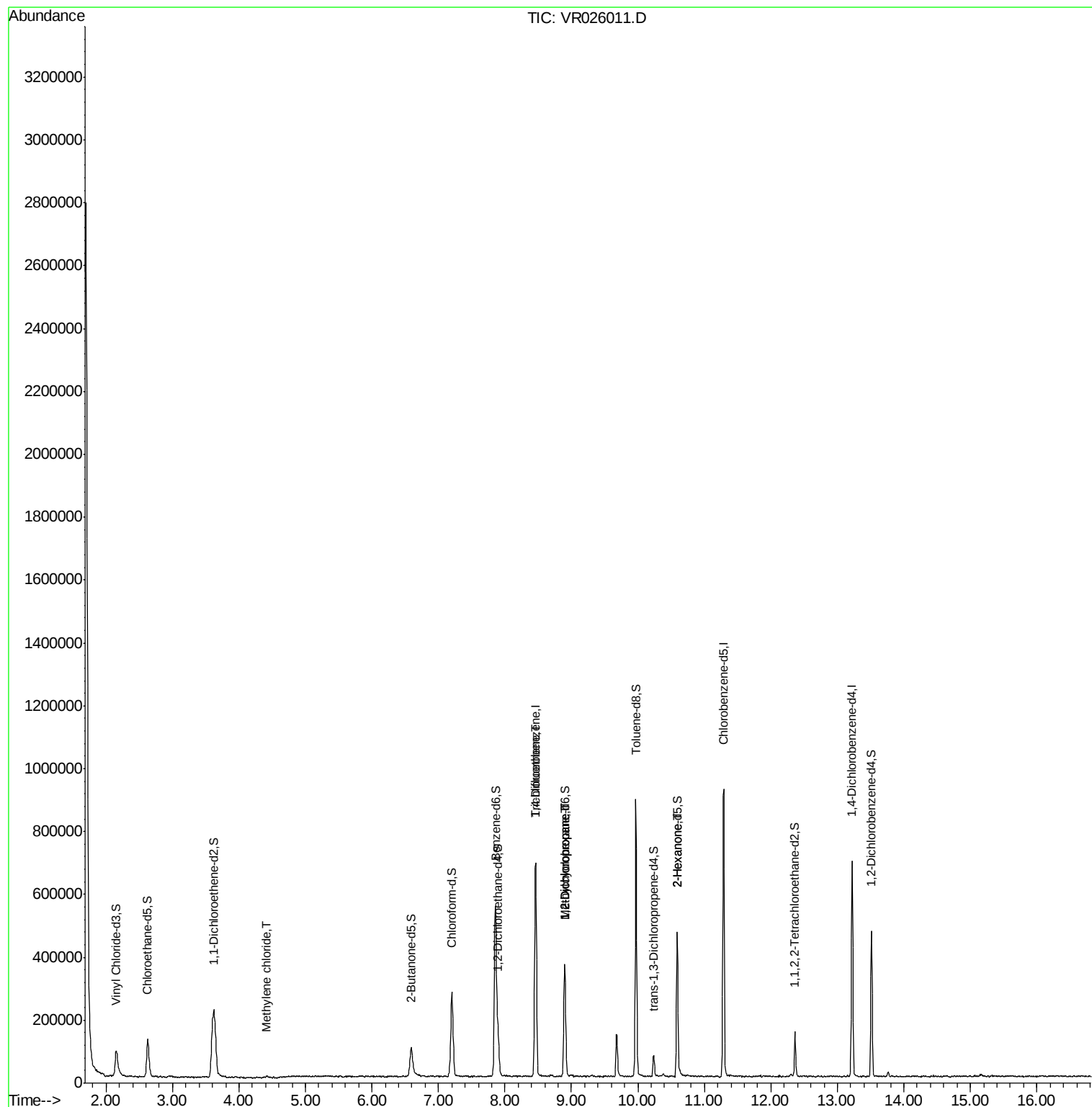
					Ovalue
16) Methylene chloride	4.40	84	3896	0.117 ug/L #	70
34) Trichloroethene	8.46	95	16894	0.482 ug/L #	15
35) Methylcyclohexane	8.89	83	35395	0.671 ug/L #	16
37) 1,2-Dichloropropane	8.90	63	19413	0.680 ug/L #	93
48) 2-Hexanone	10.59	43	19617	2.983 ug/L #	41

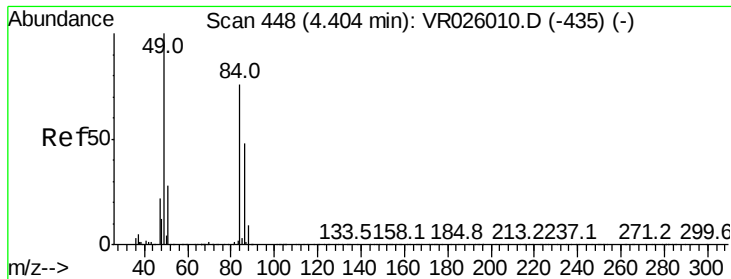
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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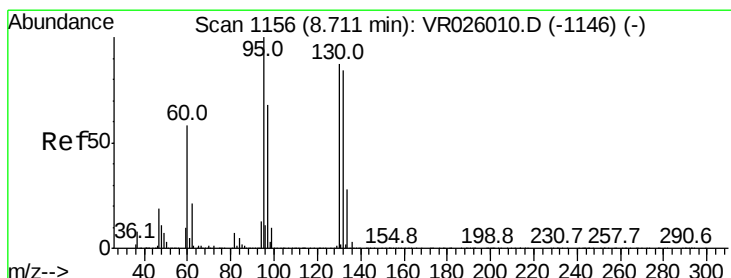
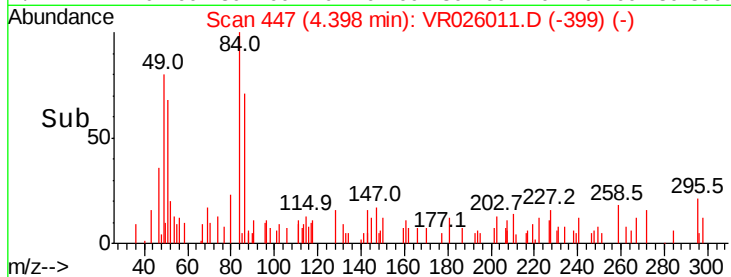
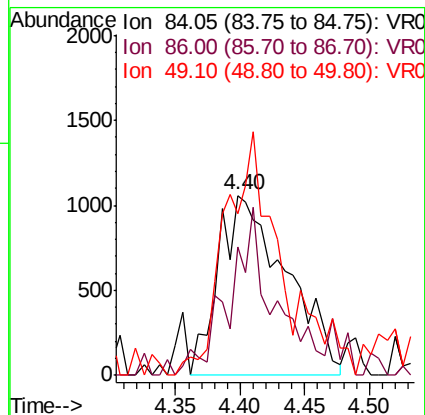
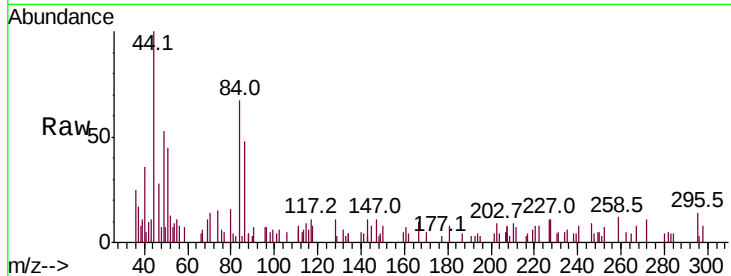




#16
Methvlene chloride
Concen: 0.117 ug/L
RT: 4.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: VR026011.D
Acq: 9 Oct 2018 13:17

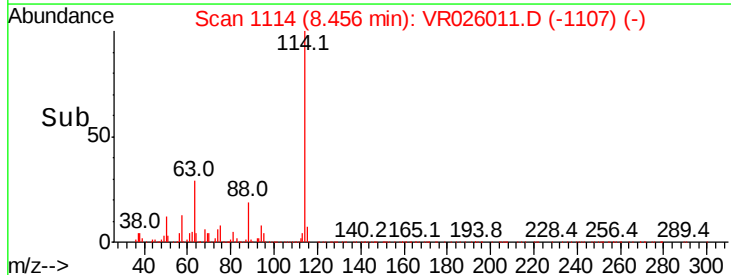
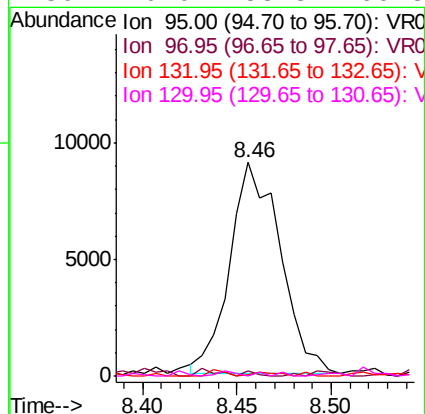
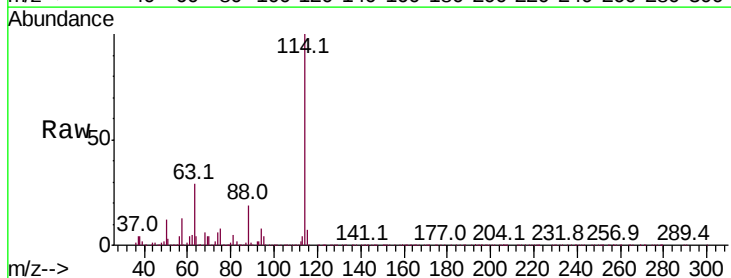
Instrument :
MSVOA_R
ClientSampleId :

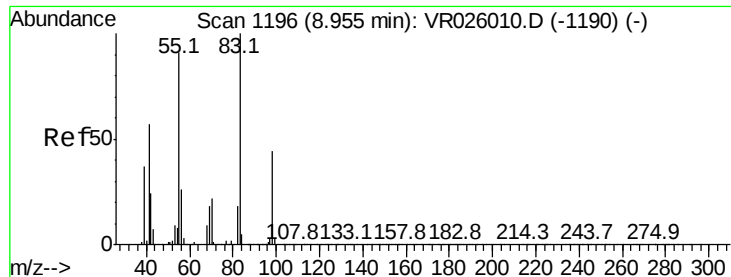
Tot Ion: 84 Resp: 3896
Ion Ratio Lower Upper
84 100
86 71.1 43.1 80.1
49 90.1 95.5 177.3#



#34
Trichloroethene
Concen: 0.482 ug/L
RT: 8.46 min Scan# 1114
Delta R.T. -0.26 min
Lab File: VR026011.D
Acq: 9 Oct 2018 13:17

Tgt Ion: 95 Resp: 16894
Ion Ratio Lower Upper
95 100
97 2.4 43.9 81.5#
132 0.7 53.3 98.9#
130 0.0 53.8 99.8#

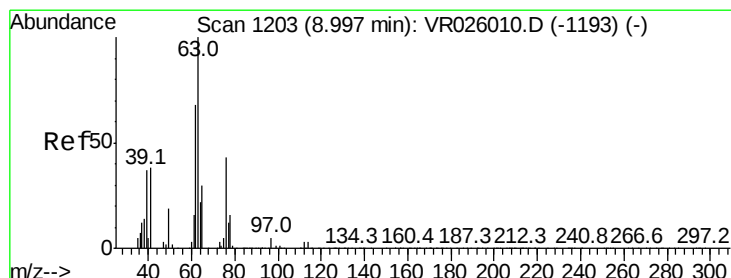
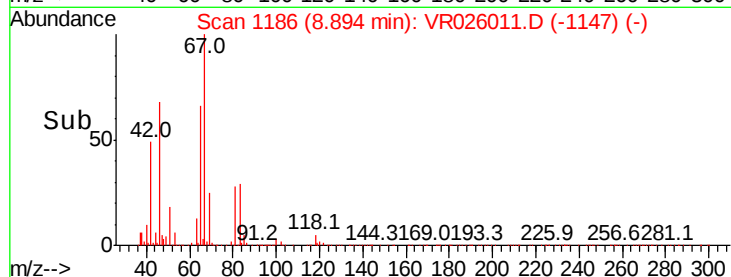
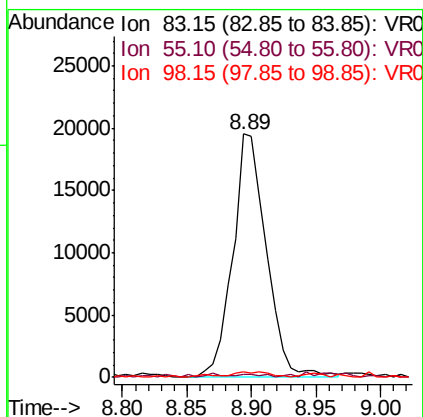
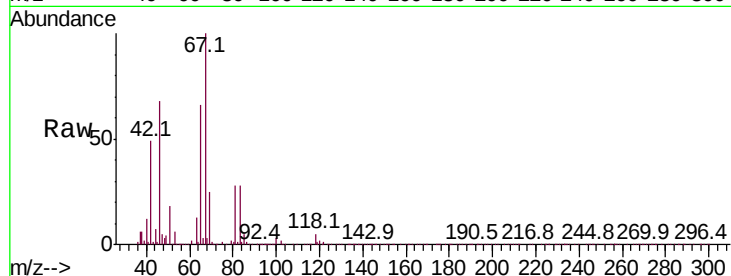




#35
Methvlcvclohexane
Concen: 0.671 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026011.D
Acq: 9 Oct 2018 13:17

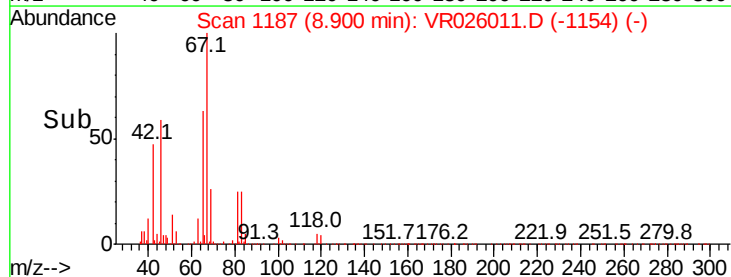
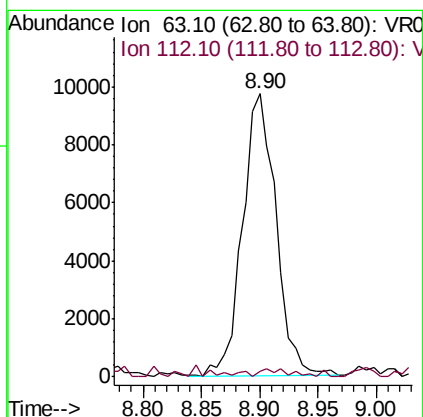
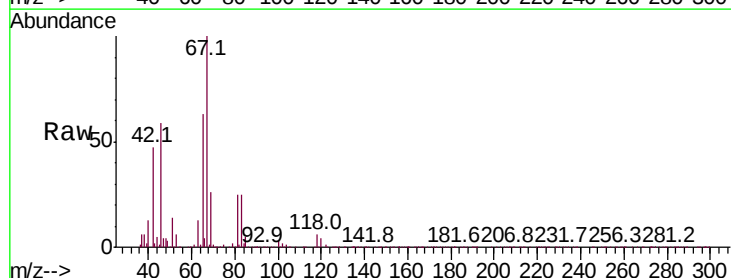
Instrument :
MSVOA_R
ClientSampled :

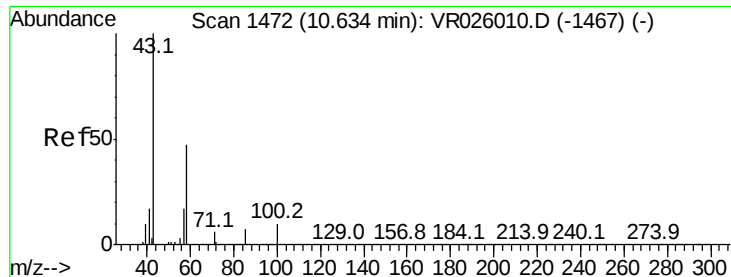
Tot Ion: 83 Resp: 35395
Ion Ratio Lower Upper
83 100
55 0.6 71.8 107.6#
98 2.6 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.680 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026011.D
Acq: 9 Oct 2018 13:17

Tgt Ion: 63 Resp: 19413
Ion Ratio Lower Upper
63 100
112 0.7 2.5 3.7#





#48
 2-Hexanone
 Concen: 2.983 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR026011.D
 Acq: 9 Oct 2018 13:17

Instrument :
 MSVOA_R
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	0.0	39.5	59.3#
57	0.0	14.6	21.8#
100	1.8	6.7	10.1#

