

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092718\
 Data File : VR025879.D
 Acq On : 27 Sep 2018 17:50
 Operator : SY/MD
 Sample : VR0927WBL01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 28 05:45:08 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	604003	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	482649	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	167163	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	204269	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	2.63	69	162767	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	3.64	63	346693	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	6.59	46	244432	46.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.06%
24) Chloroform-d	7.20	84	340114	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
26) 1,2-Dichloroethane-d4	7.90	65	149154	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
32) Benzene-d6	7.85	84	715095	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	8.90	67	191568	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	9.97	98	647259	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	10.24	79	38021	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	10.59	63	171708	45.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.64%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	71821	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	113562	4.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.80%

Target Compounds

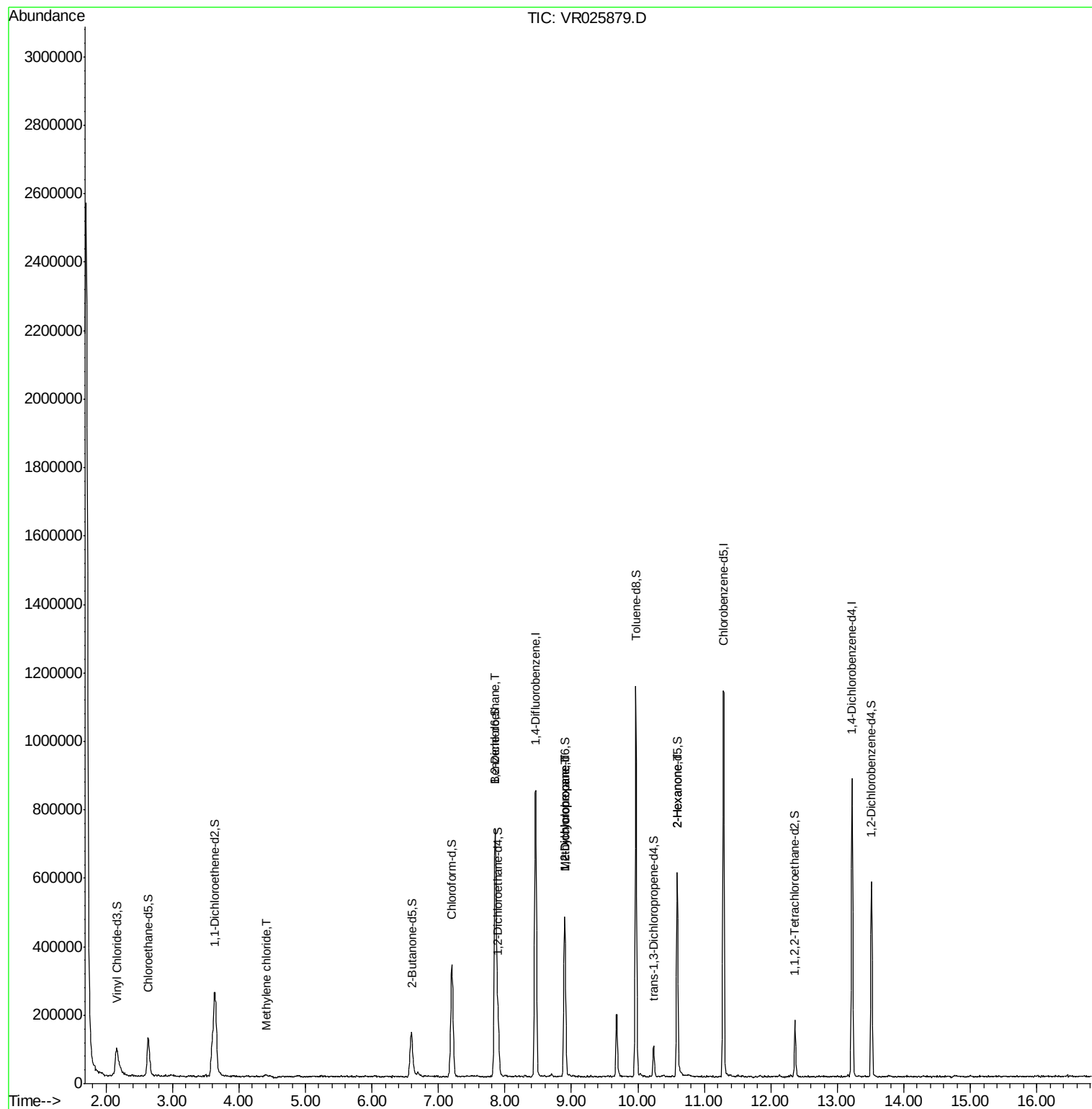
					Ovalue
16) Methylene chloride	4.40	84	4808	0.115 ug/L	83
27) 1,2-Dichloroethane	7.86	62	5111	0.141 ug/L	99
35) Methylcyclohexane	8.90	83	46520	0.725 ug/L #	16
37) 1,2-Dichloropropane	8.90	63	24408	0.703 ug/L #	94
48) 2-Hexanone	10.59	43	24031	3.006 ug/L #	75

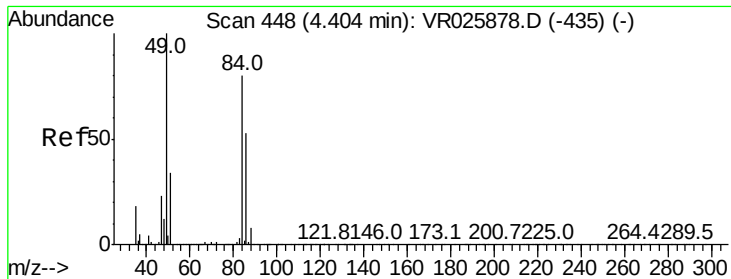
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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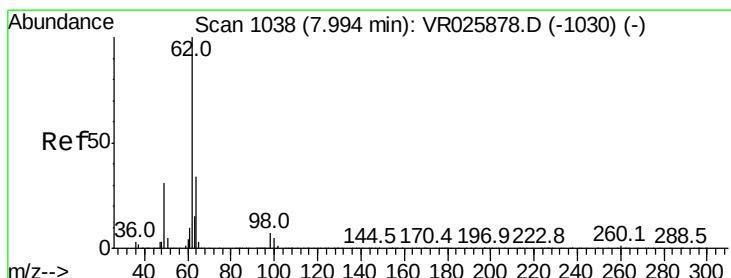
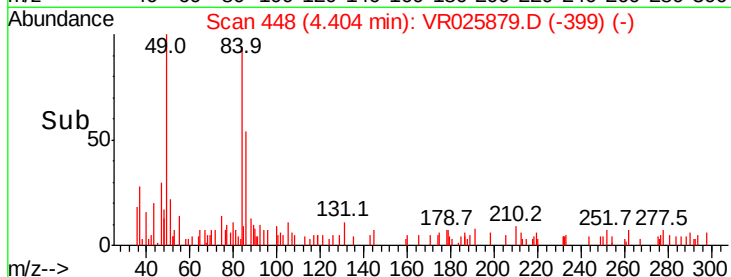
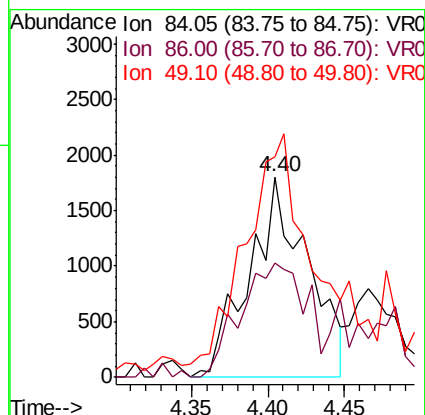
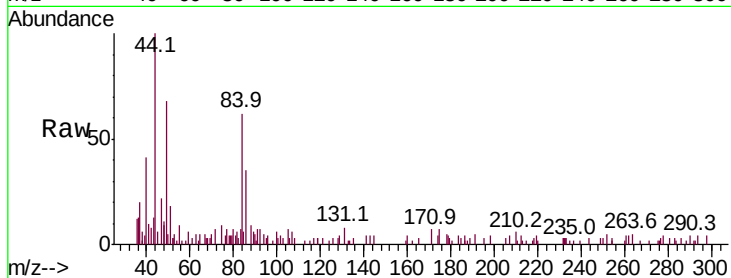




#16
Methylene chloride
Concen: 0.115 ug/L
RT: 4.40 min Scan# 448
Delta R.T. 0.00 min
Lab File: VR025879.D
Acq: 27 Sep 2018 17:50

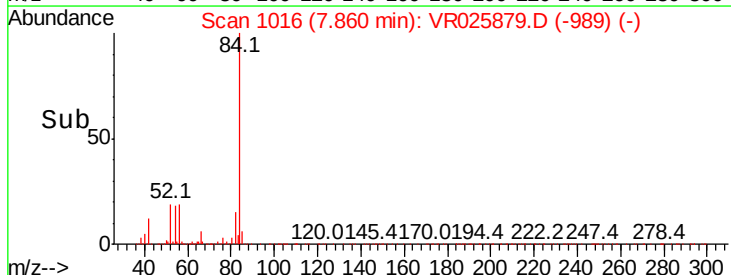
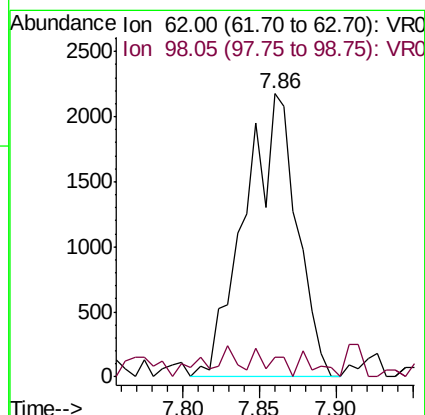
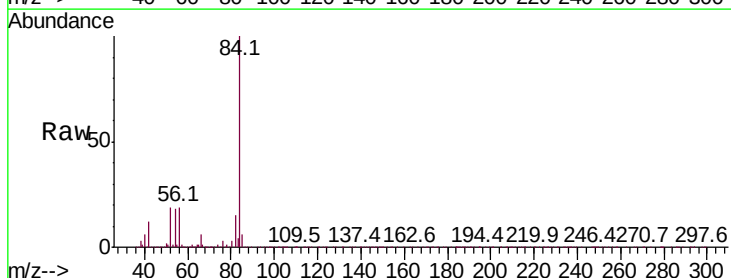
Instrument :
MSVOA_R
ClientSampled :

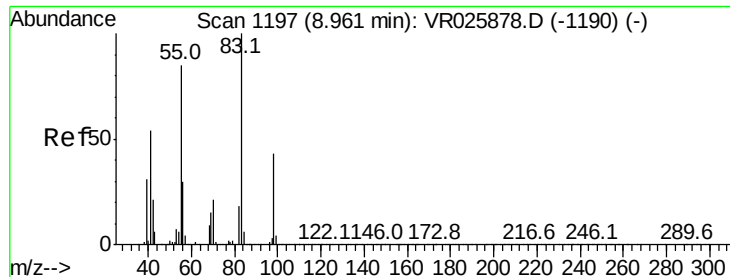
Tot Ion: 84 Resp: 4808
Ion Ratio Lower Upper
84 100
86 57.0 43.1 80.1
49 110.4 95.5 177.3



#27
1,2-Dichloroethane
Concen: 0.141 ug/L
RT: 7.86 min Scan# 1016
Delta R.T. -0.13 min
Lab File: VR025879.D
Acq: 27 Sep 2018 17:50

Tgt Ion: 62 Resp: 5111
Ion Ratio Lower Upper
62 100
98 6.8 5.2 7.8

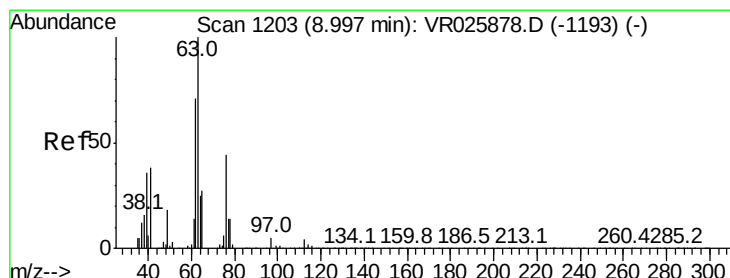
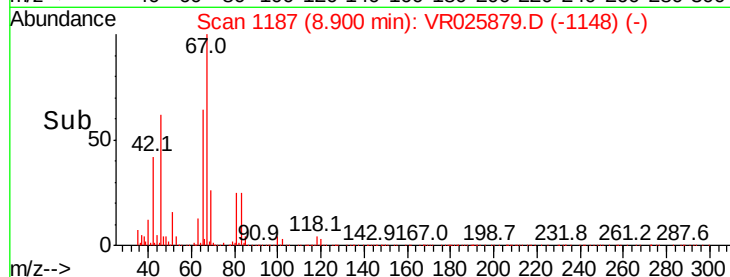
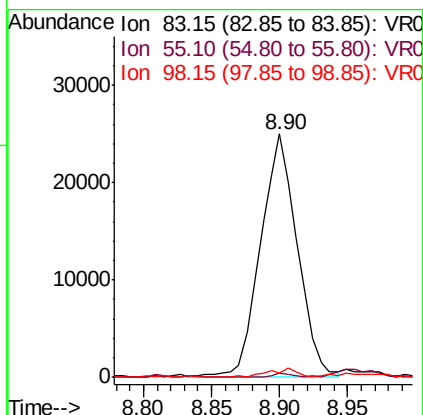
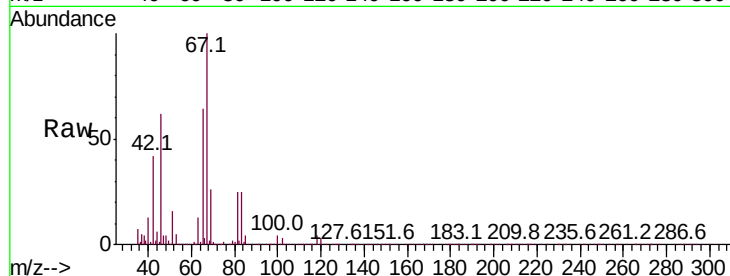




#35
Methylvlcyclohexane
Concen: 0.725 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.06 min
Lab File: VR025879.D
Acq: 27 Sep 2018 17:50

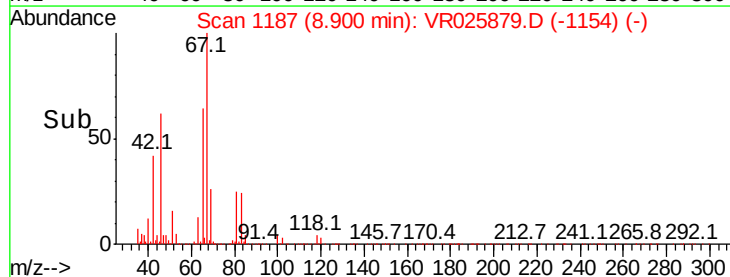
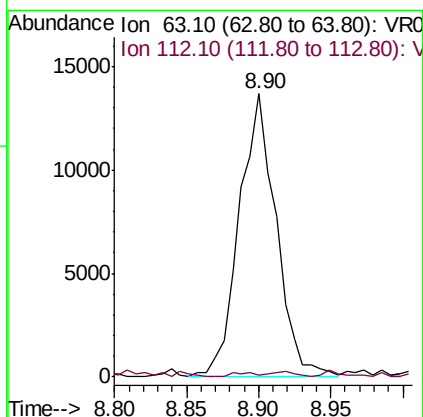
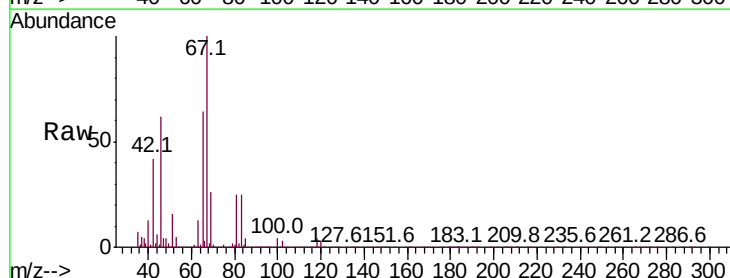
Instrument :
MSVOA_R
ClientSampleId :

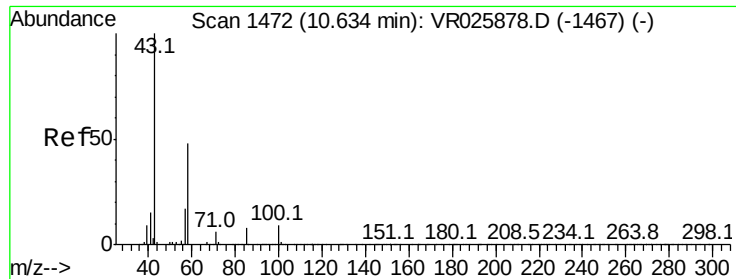
Tot Ion: 83 Resp: 46520
Ion Ratio Lower Upper
83 100
55 1.0 71.8 107.6#
98 3.1 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.703 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR025879.D
Acq: 27 Sep 2018 17:50

Tgt Ion: 63 Resp: 24408
Ion Ratio Lower Upper
63 100
112 1.0 2.5 3.7#





#48

2-Hexanone

Concen: 3.006 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025879.D

Acq: 27 Sep 2018 17:50

Instrument :

MSVOA_R

ClientSampleId :

Tot Ion: 43 Resp: 24031

Ion Ratio Lower Upper

43 100

58 29.8 39.5 59.3#

57 26.4 14.6 21.8#

100 2.6 6.7 10.1#

