

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101119\
 Data File : VR026666.D
 Acq On : 11 Oct 2019 17:49
 Operator : SY/MD
 Sample : VR1011WBL01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 14 06:38:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 14 06:36:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	198074	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	164663	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	59795	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.20	65	54652	4.55	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	2.65	69	46274	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	3.65	63	98809	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	6.62	46	84961	50.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.64%
24) Chloroform-d	7.23	84	173921	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	7.91	65	63618	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	7.88	84	354274	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	8.92	67	94008	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	9.99	98	275735	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	10.25	79	19691	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	10.61	63	67466	54.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.22%
57) 1,1,2,2-Tetrachloroethane-	12.38	84	43745	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	13.53	152	71380	6.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	126.00%#

Target Compounds

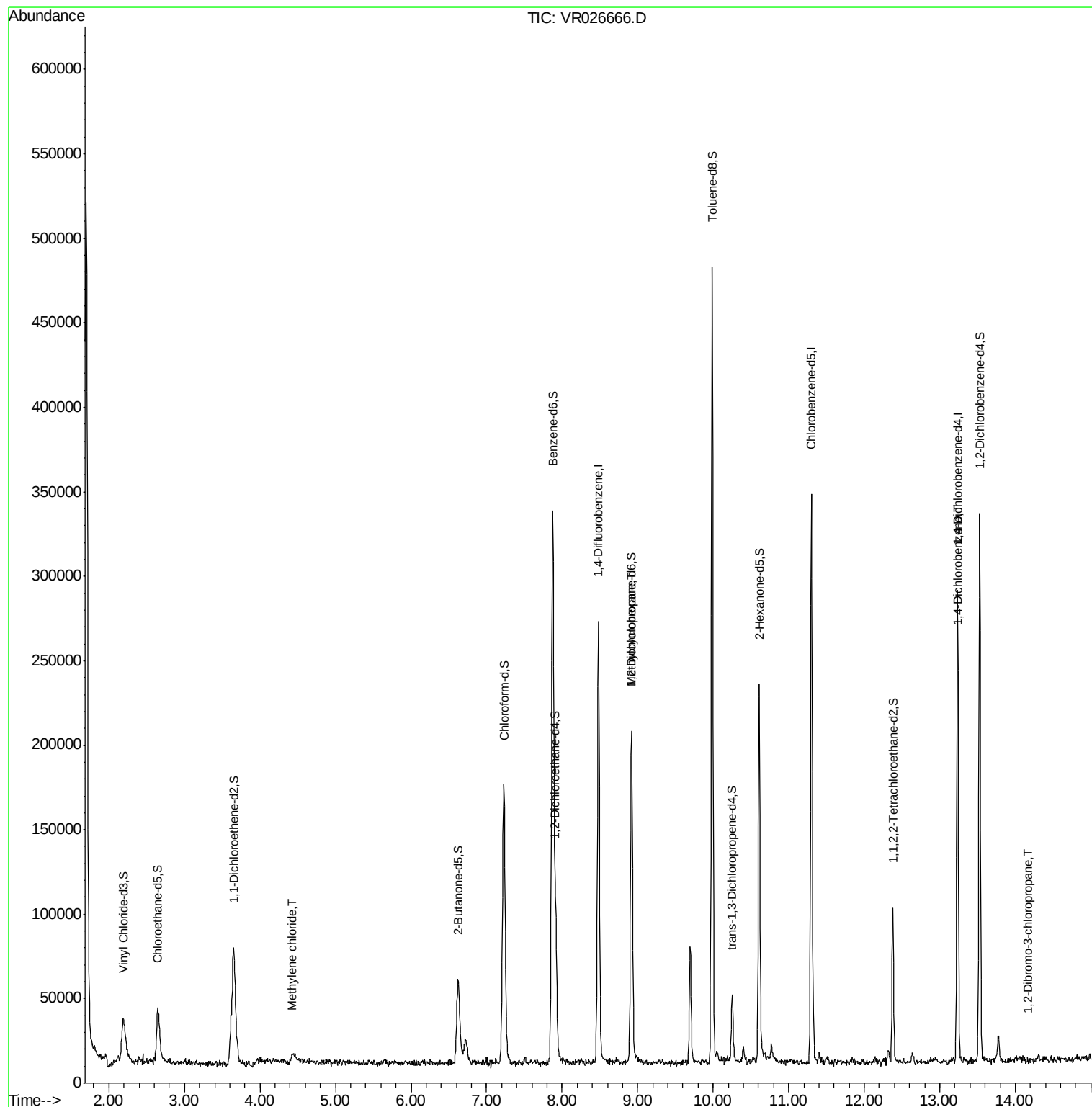
					Ovalue
16) Methylene chloride	4.43	84	2428	0.106 ug/L	95
35) Methylcyclohexane	8.92	83	21968	0.557 ug/L #	18
63) 1,4-Dichlorobenzene	13.25	146	1125	0.050 ug/L #	56
66) 1,2-Dibromo-3-chloropropan	14.16	75	211	0.215 ug/L #	52

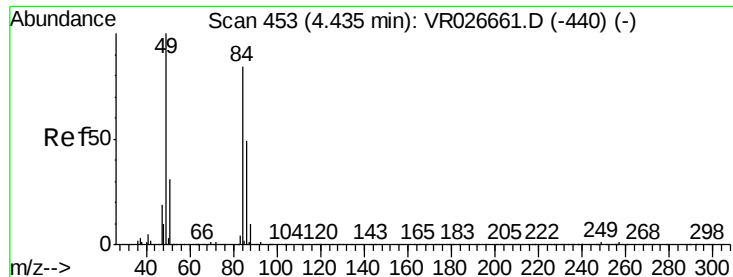
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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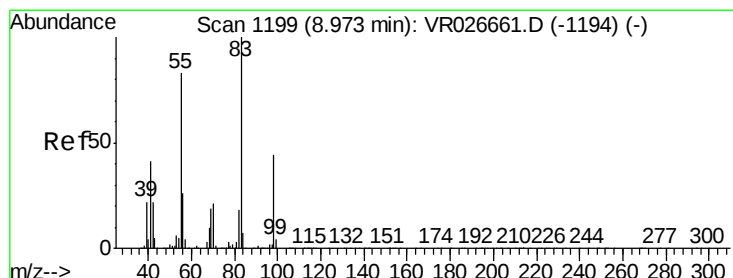
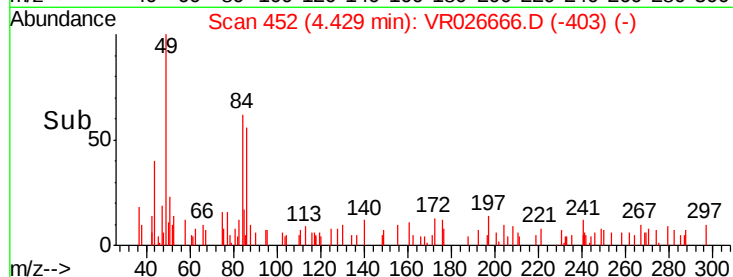
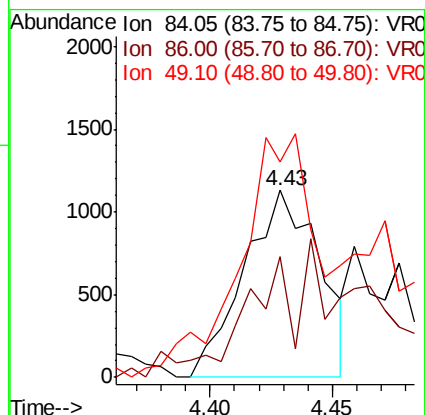
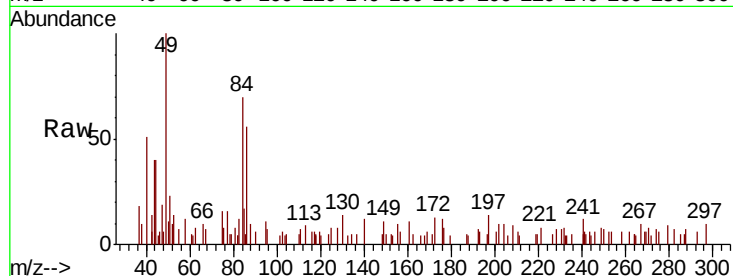




#16
Methvlene chloride
Concen: 0.106 ug/L
RT: 4.43 min Scan# 452
Delta R.T. -0.00 min
Lab File: VR026666.D
Acq: 11 Oct 2019 17:49

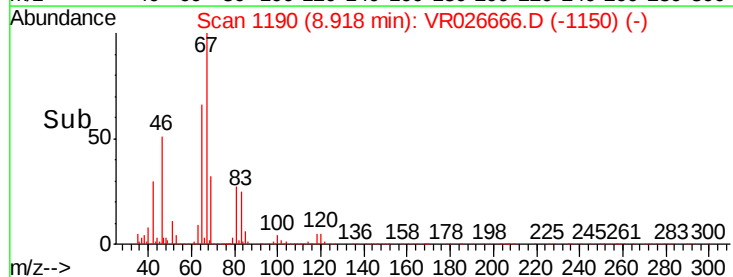
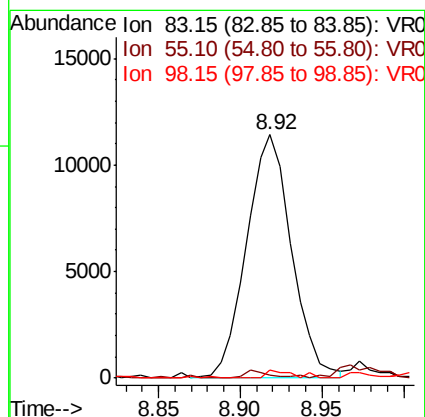
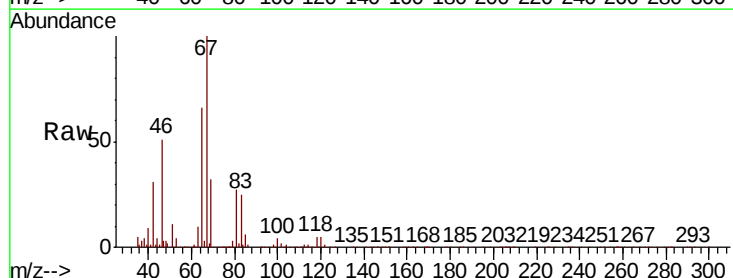
Instrument :
MSVOA_R
ClientSampleId :

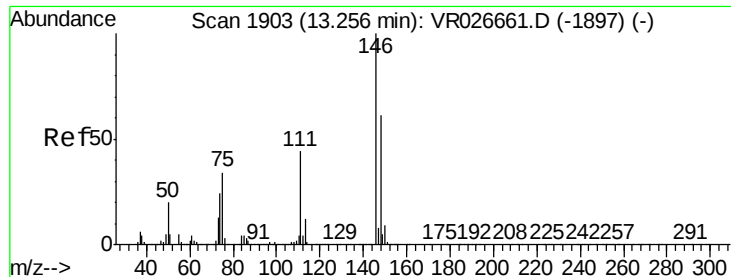
Tot Ion: 84 Resp: 2428
Ion Ratio Lower Upper
84 100
86 65.0 41.6 77.2
49 115.7 83.7 155.5



#35
Methylcyclohexane
Concen: 0.557 ug/L
RT: 8.92 min Scan# 1190
Delta R.T. -0.05 min
Lab File: VR026666.D
Acq: 11 Oct 2019 17:49

Tgt Ion: 83 Resp: 21968
Ion Ratio Lower Upper
83 100
55 1.9 67.8 101.6#
98 1.5 35.0 52.4#

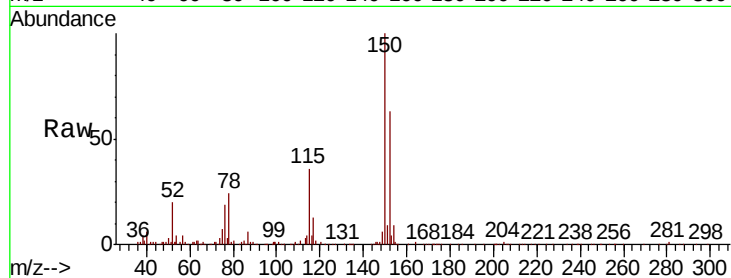




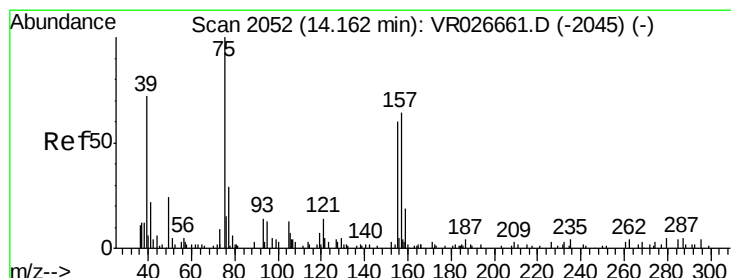
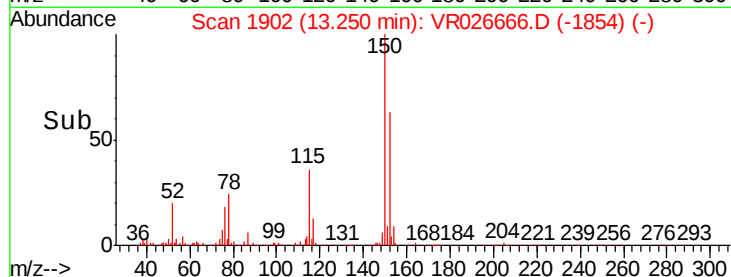
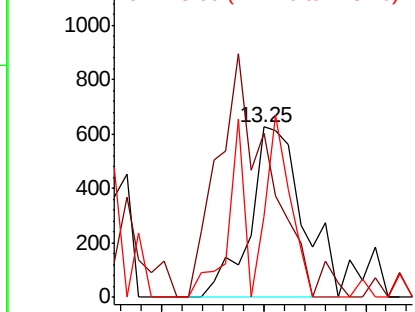
#63
 1,4-Dichlorobenzene
 Concen: 0.050 ug/L
 RT: 13.25 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VR026666.D
 Acq: 11 Oct 2019 17:49

Instrument :
 MSVOA_R
 ClientSampled :

Tot Ion:146 Resp: 1125
 Ion Ratio Lower Upper
 146 100
 111 96.0 30.5 56.7#
 148 47.7 43.1 80.1

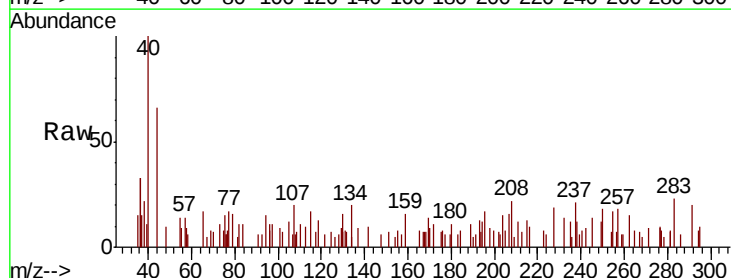


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.215 ug/L
 RT: 14.16 min Scan# 2052
 Delta R.T. 0.01 min
 Lab File: VR026666.D
 Acq: 11 Oct 2019 17:49

Tgt Ion: 75 Resp: 211
 Ion Ratio Lower Upper
 75 100
 155 28.5 48.3 72.5#
 157 22.4 50.9 76.3#



Abundance Ion 75.05 (74.75 to 75.75): VR0
 Ion 154.95 (154.65 to 155.65): V
 Ion 156.90 (156.60 to 157.60): V

