

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101718\
 Data File : VR026116.D
 Acq On : 17 Oct 2018 15:44
 Operator : SY/MD
 Sample : J5464-06 40X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0JE1

Quant Time: Oct 19 02:49:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 02:46:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	533980	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	444542	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	138517	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	255569	5.47	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.40%
7) Chloroethane-d5	2.63	69	212148	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	3.61	63	451411	3.93	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	6.59	46	199223	51.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.86%
24) Chloroform-d	7.20	84	344349	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	7.90	65	148286	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	7.86	84	703335	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	8.90	67	185686	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	9.97	98	672167	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	10.24	79	42374	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	10.59	63	156568	56.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.10%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	67423	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	120714	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

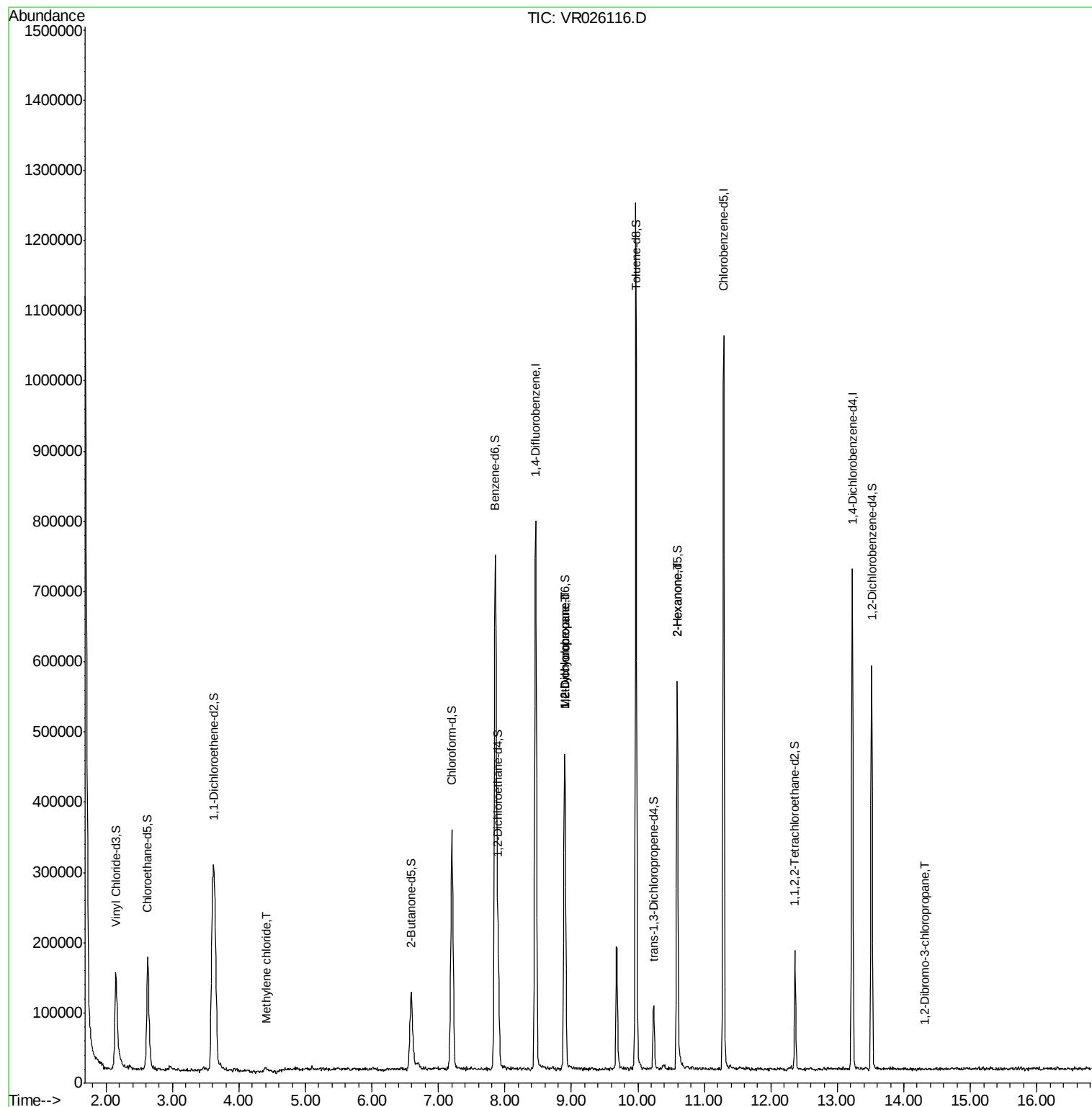
					Ovalue
16) Methylene chloride	4.40	84	4944	0.105 ug/L	74
35) Methylcyclohexane	8.90	83	44212	0.696 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	24068	0.684 ug/L #	96
48) 2-Hexanone	10.59	43	25611	3.649 ug/L #	68
66) 1,2-Dibromo-3-chloropropan	14.31	75	238	0.158 ug/L	94

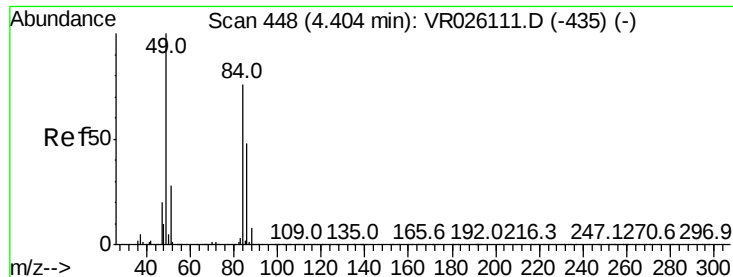
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

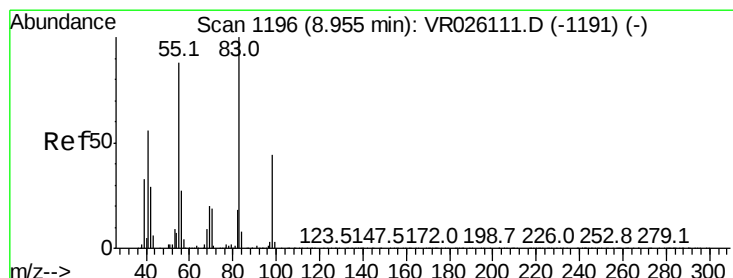
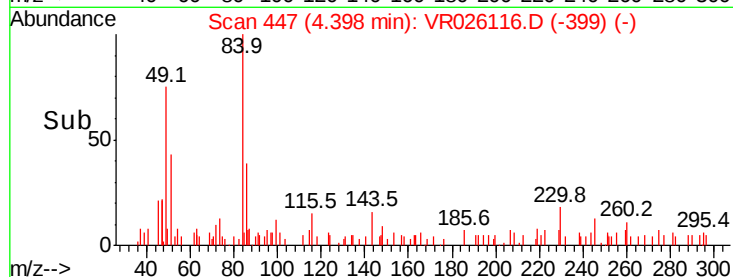
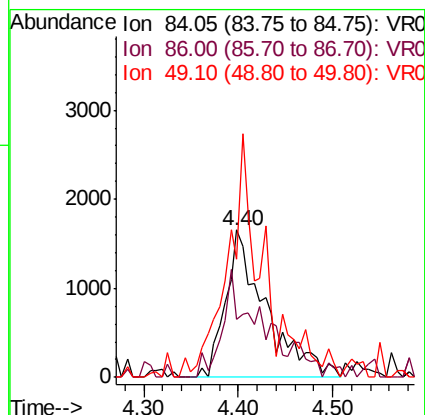
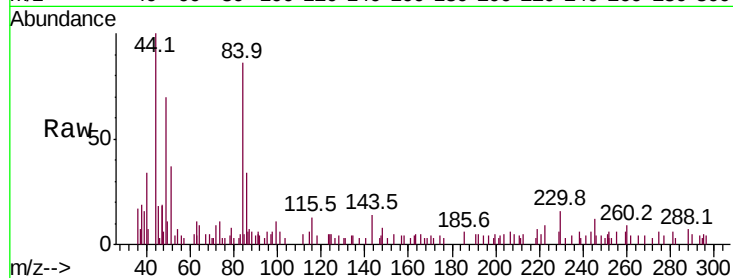




#16
Methvlene chloride
Concen: 0.105 ug/L
RT: 4.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: VR026116.D
Acq: 17 Oct 2018 15:44

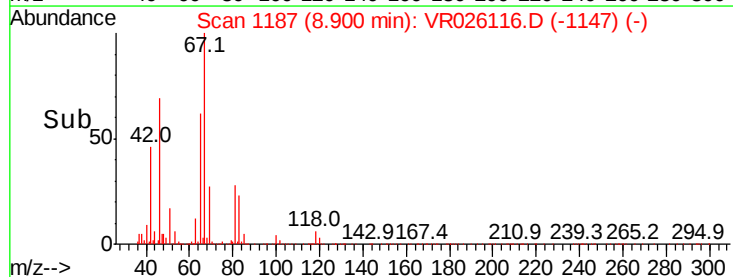
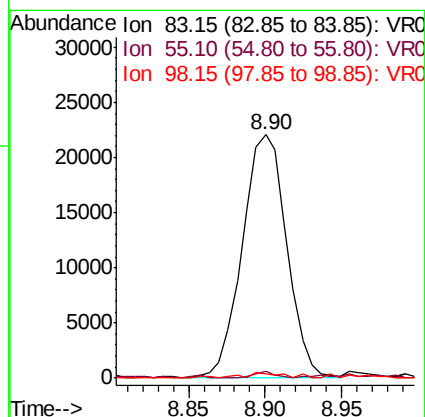
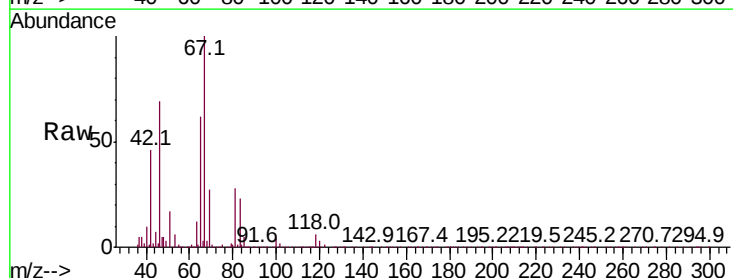
Instrument :
MSVOA_R
ClientSampleId :
C0JE1

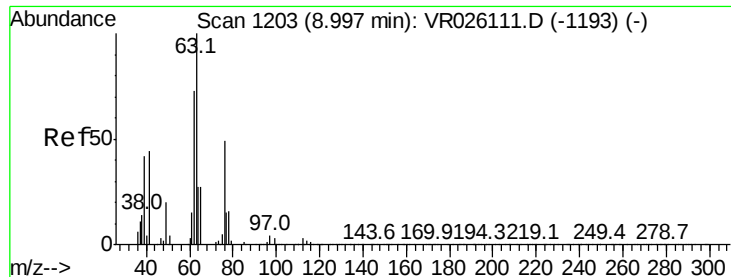
Tot Ion: 84 Resp: 4944
Ion Ratio Lower Upper
84 100
86 45.9 43.0 79.8
49 93.4 89.1 165.5



#35
Methylcyclohexane
Concen: 0.696 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026116.D
Acq: 17 Oct 2018 15:44

Tgt Ion: 83 Resp: 44212
Ion Ratio Lower Upper
83 100
55 1.5 66.8 100.2#
98 2.0 35.2 52.8#





#37

1,2-Dichloropropane

Concen: 0.684 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

Lab File: VR026116.D

Acq: 17 Oct 2018 15:44

Instrument :

MSVOA_R

ClientSampled :

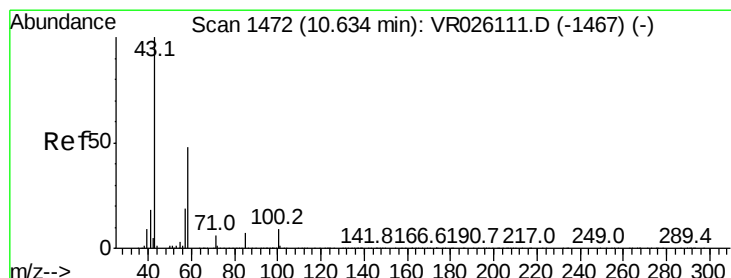
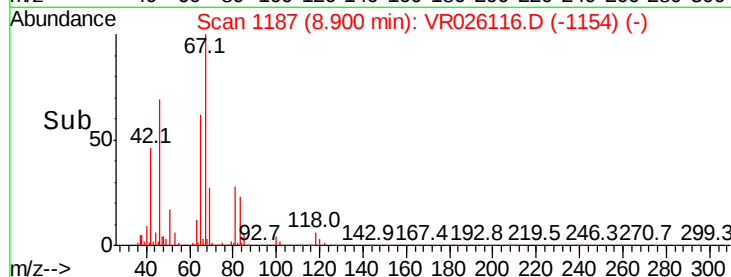
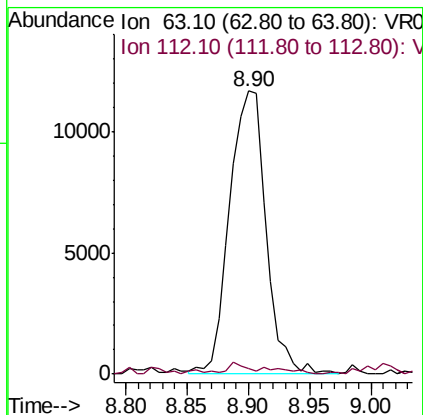
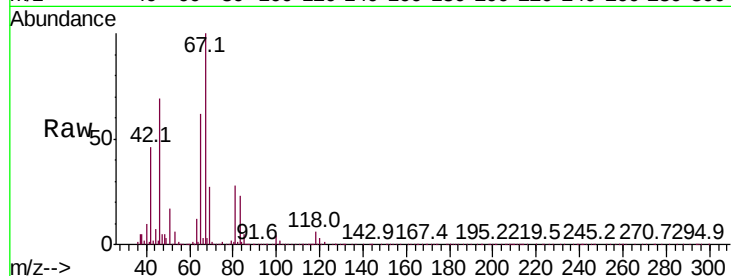
C0JE1

Tot Ion: 63 Resp: 24068

Ion Ratio Lower Upper

63 100

112 2.0 2.7 4.1#



#48

2-Hexanone

Concen: 3.649 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026116.D

Acq: 17 Oct 2018 15:44

Tgt Ion: 43 Resp: 25611

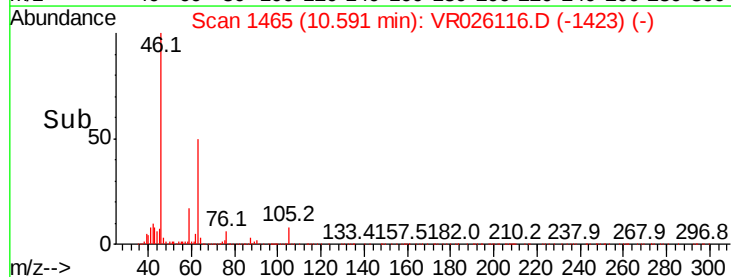
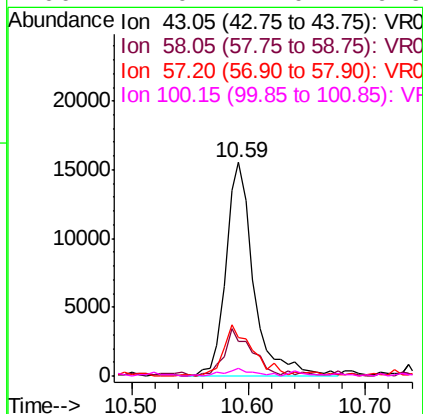
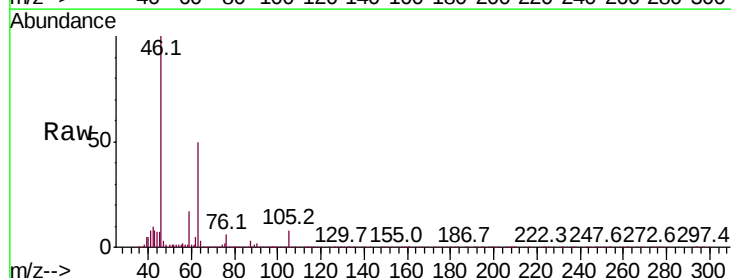
Ion Ratio Lower Upper

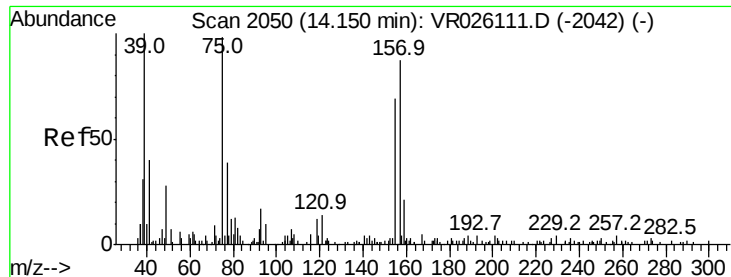
43 100

58 21.9 39.6 59.4#

57 25.4 14.0 21.0#

100 4.0 7.0 10.6#





#66

1,2-Dibromo-3-chloropropane

Concen: 0.158 ug/L

RT: 14.31 min Scan# 2076

Delta R.T. 0.16 min

Lab File: VR026116.D

Acq: 17 Oct 2018 15:44

Instrument :

MSVOA_R

ClientSampleId :

C0JE1

Tot Ion: 75 Resp: 238

Ion Ratio Lower Upper

75 100

155 57.7 40.9 61.3

157 80.8 67.3 100.9

