

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101118\
 Data File : VR026038.D
 Acq On : 11 Oct 2018 11:02
 Operator : SY/MD
 Sample : VR1011WBL01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 12 08:09:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 12 08:06:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	497230	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	410714	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	139543	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	171124	4.36	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	2.63	69	154567	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	3.63	63	331186	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	6.59	46	182734	41.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.60%
24) Chloroform-d	7.20	84	285881	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	7.90	65	125725	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
32) Benzene-d6	7.85	84	581367	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	8.90	67	153800	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.60%
41) Toluene-d8	9.97	98	520725	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	10.24	79	35952	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	10.59	63	134319	42.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.24%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	58425	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	95910	4.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.80%

Target Compounds

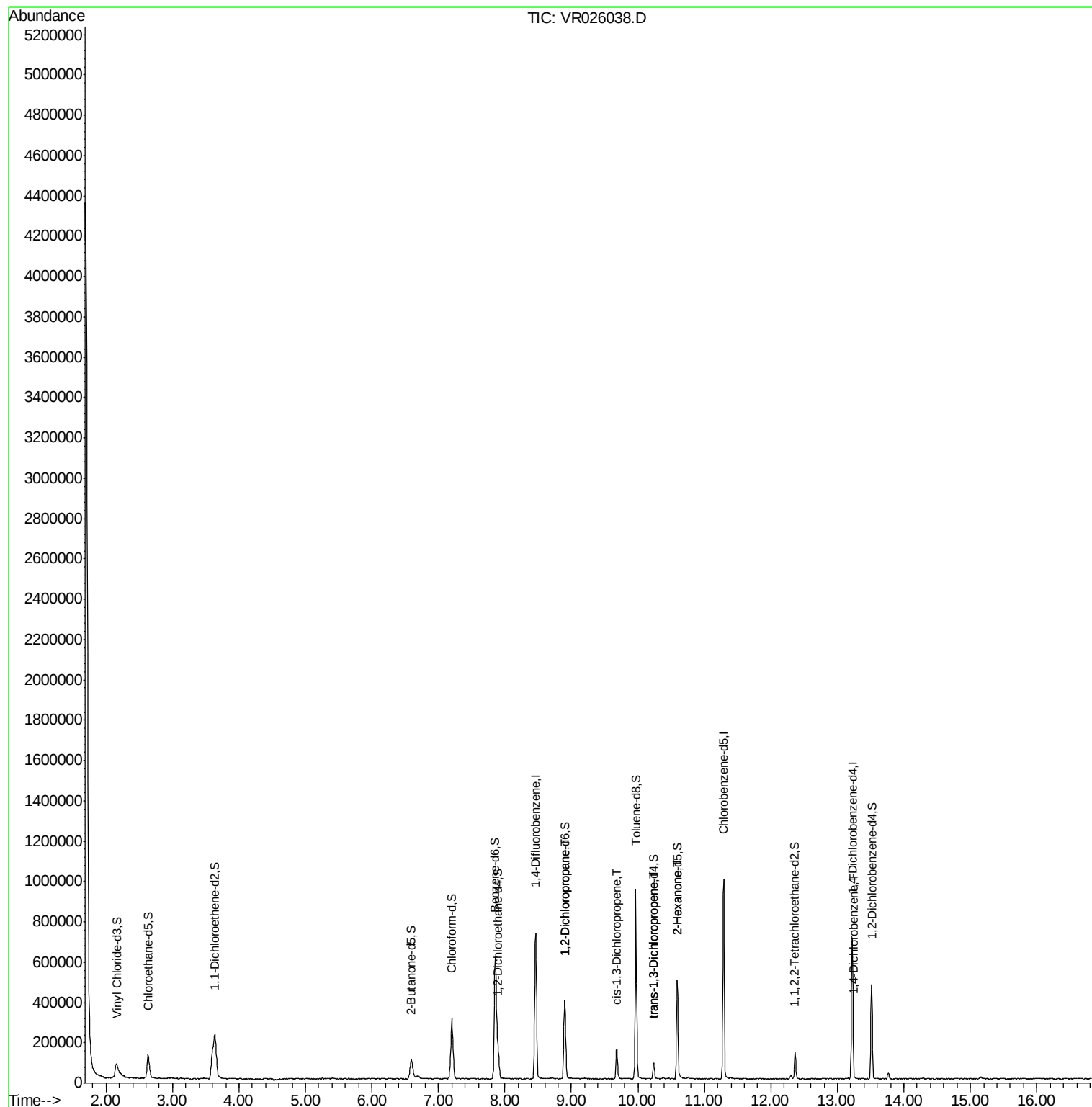
					Ovalue
37) 1,2-Dichloropropane	8.89	63	22012	0.745 ug/L #	94
39) cis-1,3-Dichloropropene	9.68	75	5006	0.151 ug/L	86
44) trans-1,3-Dichloropropene	10.24	75	1990	0.092 ug/L	86
48) 2-Hexanone	10.59	43	22342	3.284 ug/L #	72
63) 1,4-Dichlorobenzene	13.24	146	2059	0.049 ug/L #	68

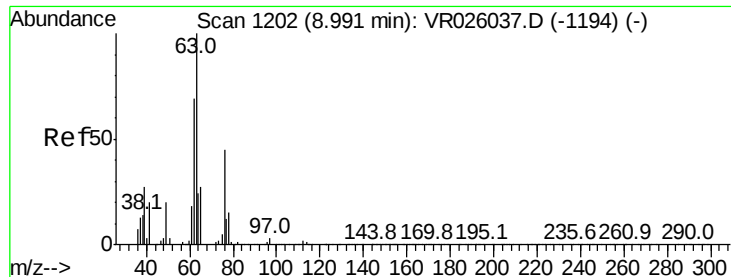
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#37

1,2-Dichloropropane

Concen: 0.745 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

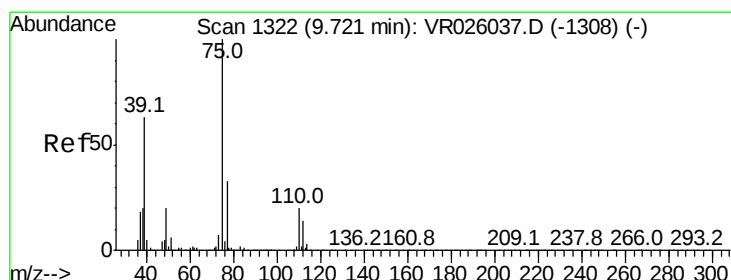
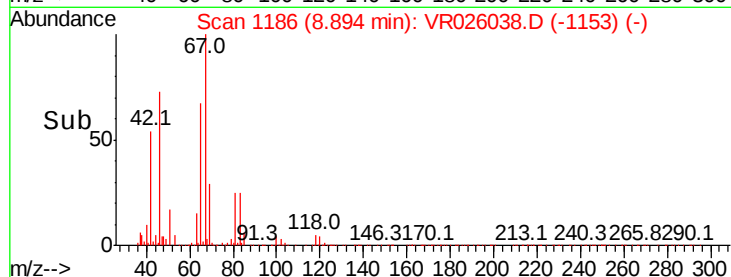
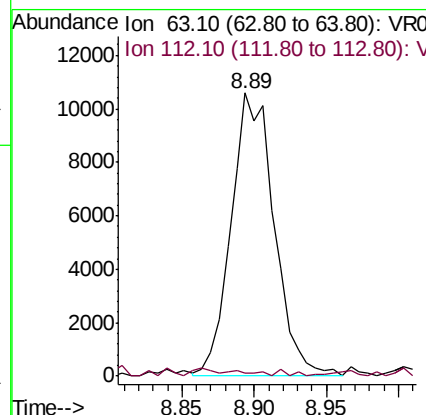
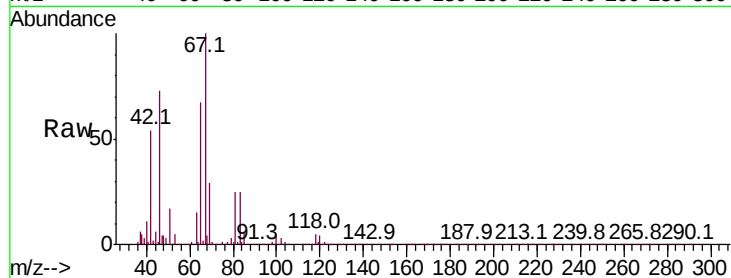
Lab File: VR026038.D

Acq: 11 Oct 2018 11:02

Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 63 Resp: 22012

Ion	Ratio	Lower	Upper
63	100		
112	1.0	2.5	3.7#



#39

cis-1,3-Dichloropropene

Concen: 0.151 ug/L

RT: 9.68 min Scan# 1316

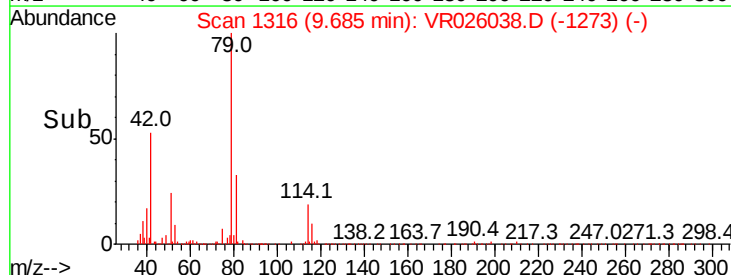
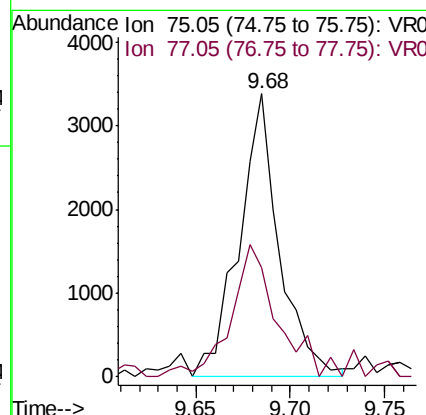
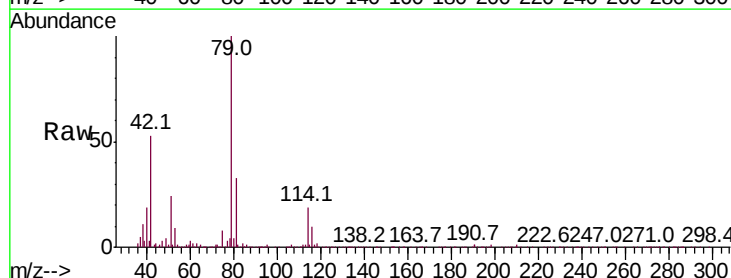
Delta R.T. -0.04 min

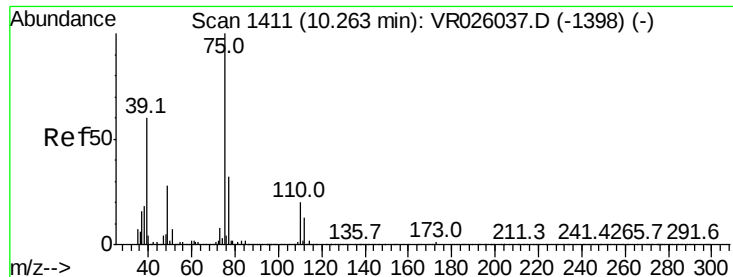
Lab File: VR026038.D

Acq: 11 Oct 2018 11:02

Tgt Ion: 75 Resp: 5006

Ion	Ratio	Lower	Upper
75	100		
77	38.5	21.5	39.9





#44

trans-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 10.24 min Scan# 1408

Delta R.T. -0.02 min

Lab File: VR026038.D

Acq: 11 Oct 2018 11:02

Instrument :

MSVOA_R

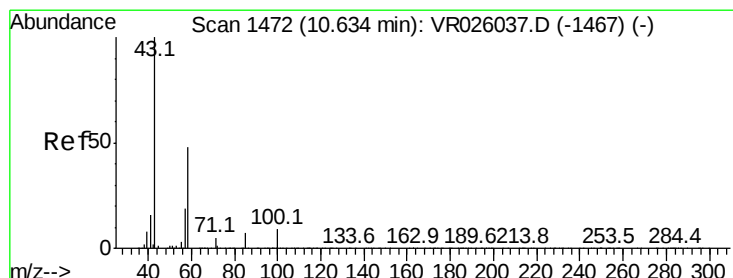
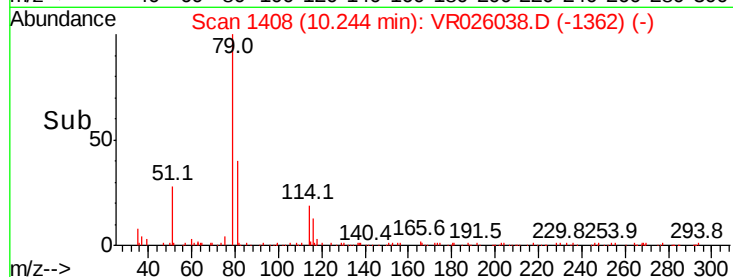
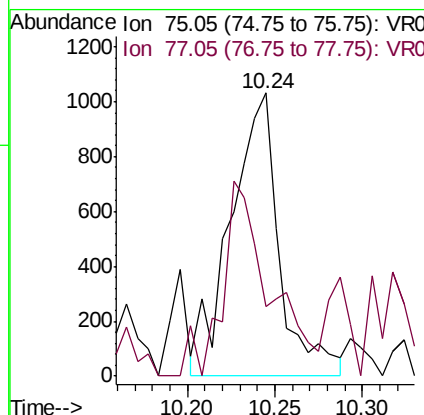
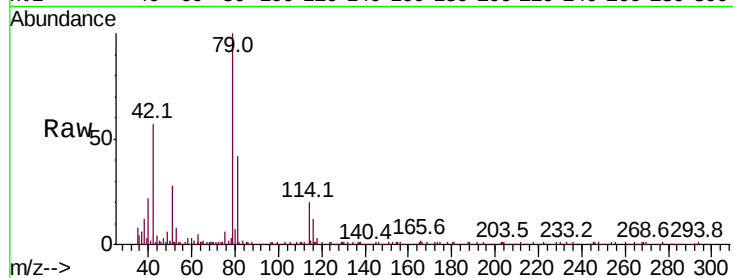
ClientSampled :

Tot Ion: 75 Resp: 1990

Ion Ratio Lower Upper

75 100

77 24.8 23.0 42.8



#48

2-Hexanone

Concen: 3.284 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026038.D

Acq: 11 Oct 2018 11:02

Tgt Ion: 43 Resp: 22342

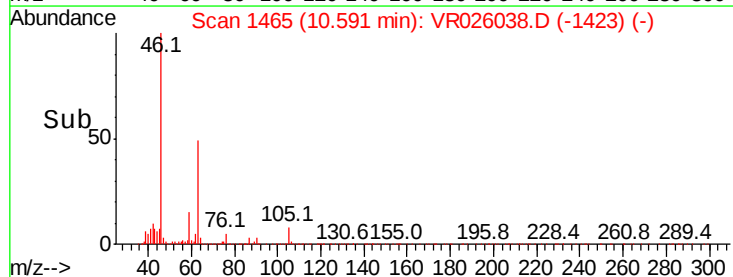
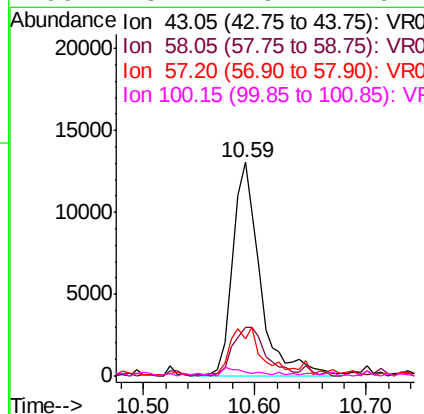
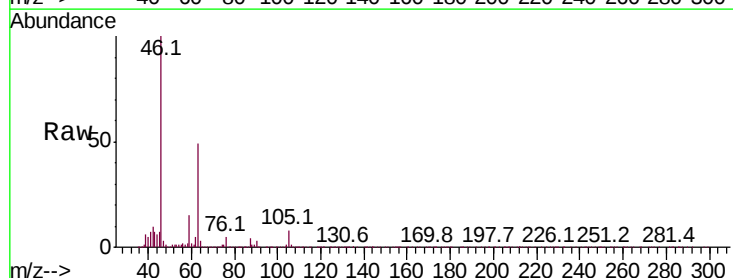
Ion Ratio Lower Upper

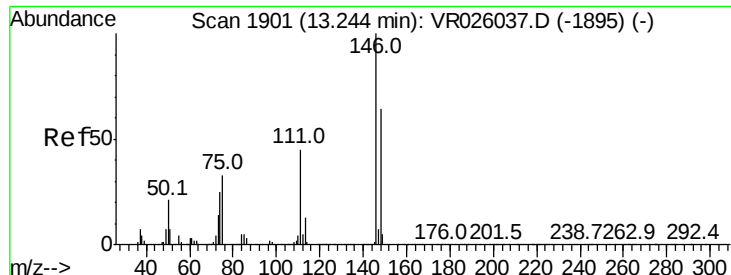
43 100

58 27.0 39.5 59.3#

57 27.1 14.6 21.8#

100 3.7 6.7 10.1#





#63

1,4-Dichlorobenzene

Concen: 0.049 ug/L

RT: 13.24 min Scan# 1901

Delta R.T. -0.00 min

Lab File: VR026038.D

Acq: 11 Oct 2018 11:02

Instrument :

MSVOA_R

ClientSampleId :

Tot Ion:146 Resp: 2059

Ion Ratio Lower Upper

146 100

111 58.1 32.9 61.1

148 30.9 45.5 84.5#

