

Data File : VR026522.D
Acq On : 9 Apr 2019 18:46
Operator : SY/MD
Sample : K2285-06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BEZC4

Quant Time: Apr 10 05:45:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 10 05:42:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	590853	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	491550	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	144078	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	176081	3.92	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	2.62	69	161366	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	3.60	63	377050	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	6.59	46	179937	44.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.92%
24) Chloroform-d	7.20	84	361449	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	7.89	65	159049	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	7.85	84	656891	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	8.89	67	177673	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	9.97	98	599376	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	10.23	79	33600	3.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.20%
46) 2-Hexanone-d5	10.59	63	139940	48.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.72%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	66281	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	117647	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

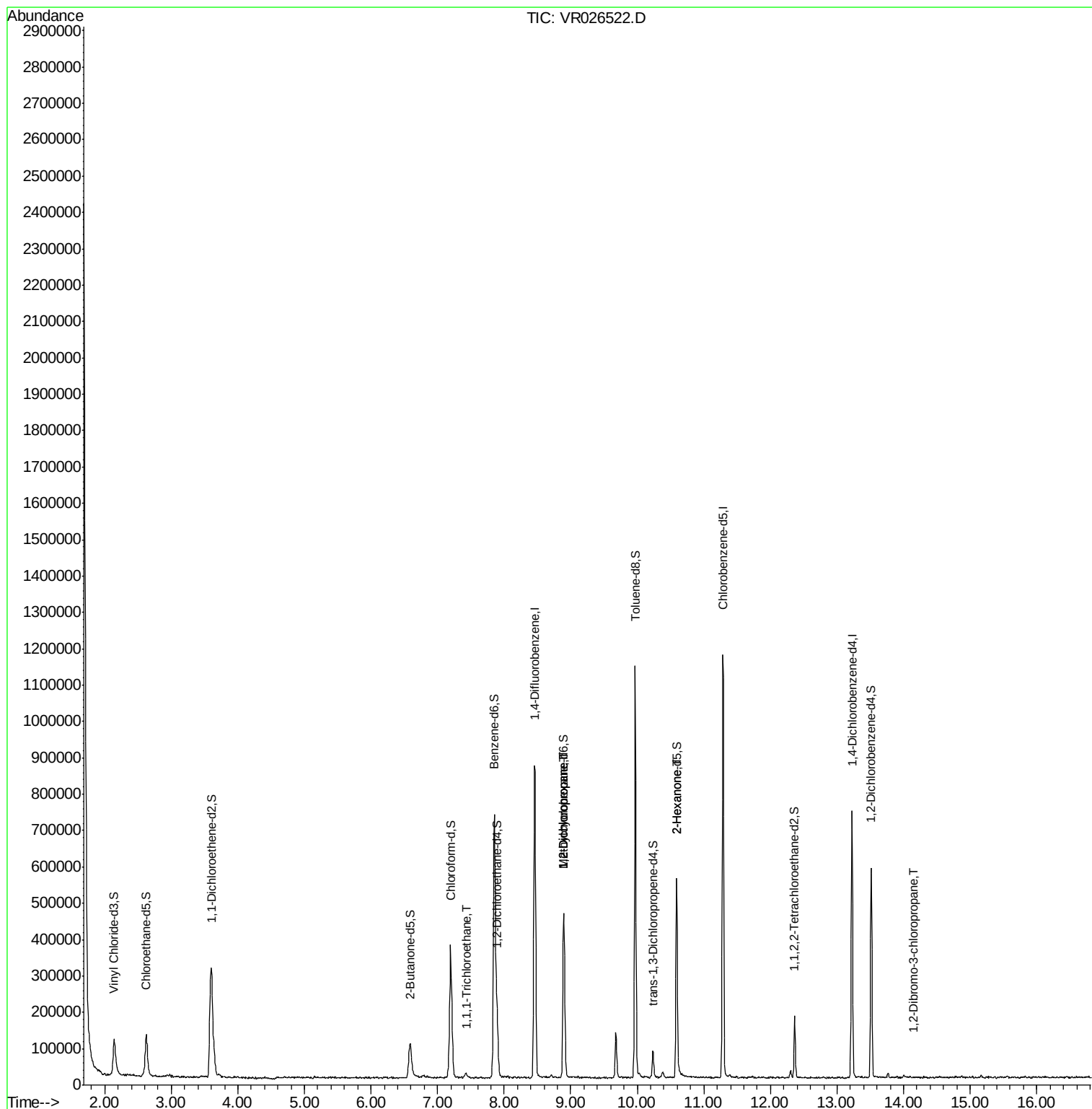
						Qvalue
29) 1,1,1-Trichloroethane	7.42	97	8313	0.102	ug/L	92
35) Methylcyclohexane	8.89	83	43633	0.595	ug/L #	14
37) 1,2-Dichloropropane	8.89	63	24048	0.571	ug/L #	92
48) 2-Hexanone	10.59	43	23505	2.865	ug/L #	74
66) 1,2-Dibromo-3-chloropropan	14.14	75	229	0.156	ug/L #	34

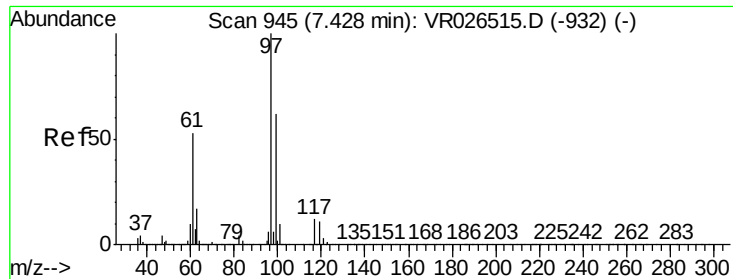
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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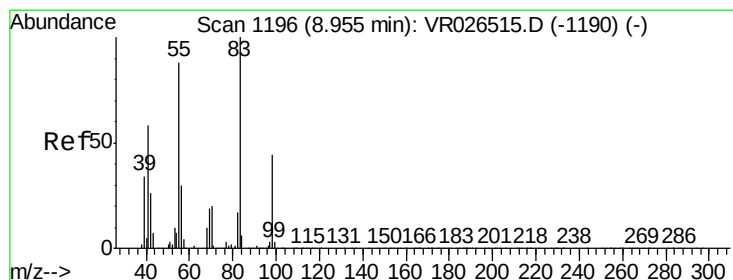
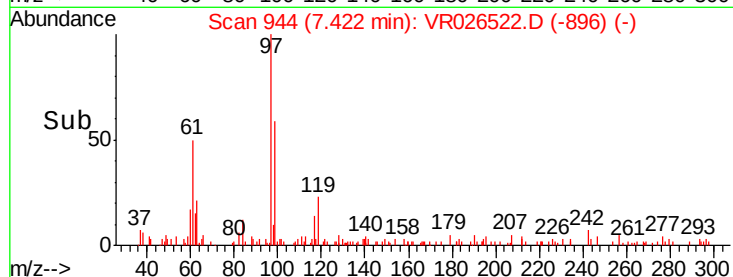
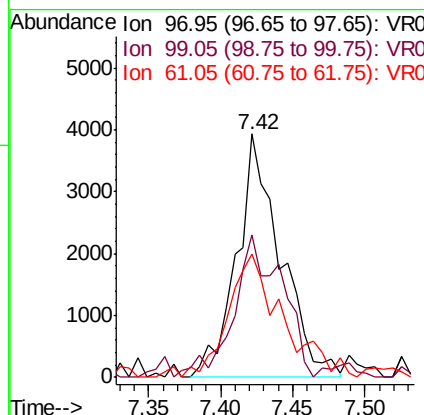
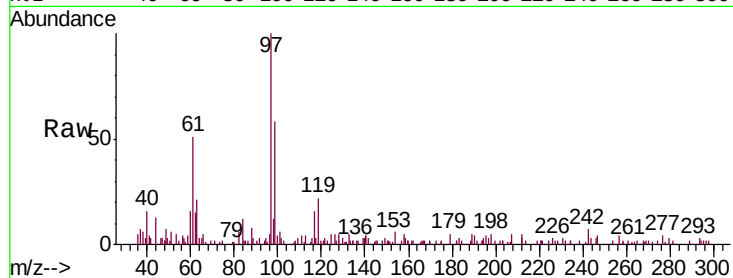




#29
 1,1,1-Trichloroethane
 Concen: 0.102 ug/L
 RT: 7.42 min Scan# 944
 Delta R.T. -0.01 min
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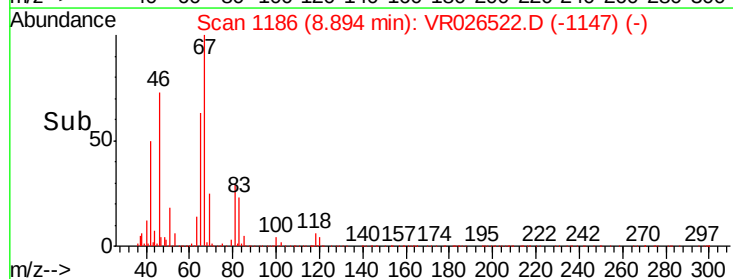
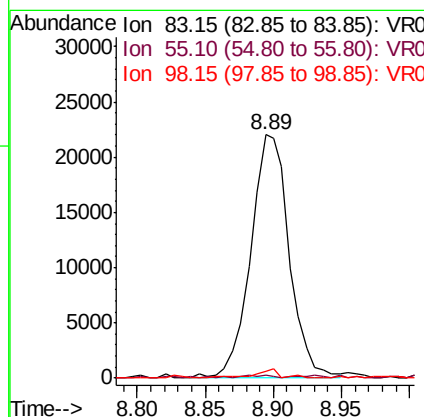
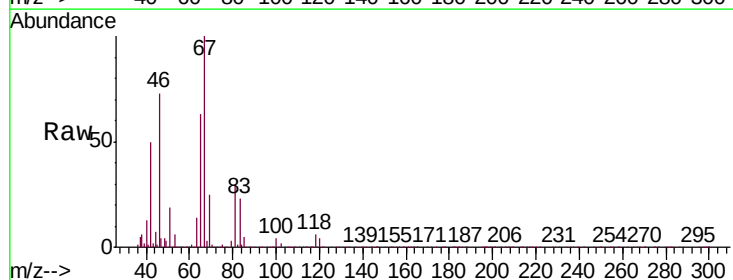
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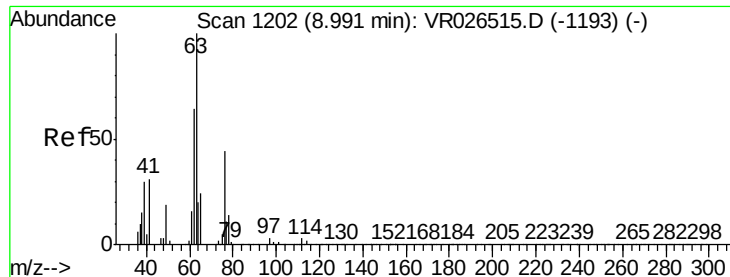
Tgt Ion:	97	Resp:	8313
Ion	Ratio	Lower	Upper
97	100		
99	64.0	49.6	74.4
61	62.1	41.8	62.6



#35
 Methylcyclohexane
 Concen: 0.595 ug/L
 RT: 8.89 min Scan# 1186
 Delta R.T. -0.06 min
 Lab File: VR026522.D
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Tgt Ion:	83	Resp:	43633
Ion	Ratio	Lower	Upper
83	100		
55	1.0	73.8	110.6#
98	1.9	34.6	51.8#

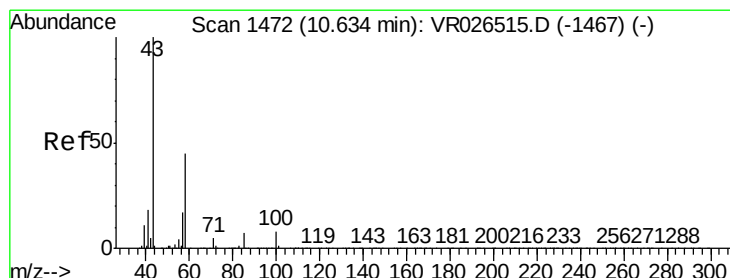
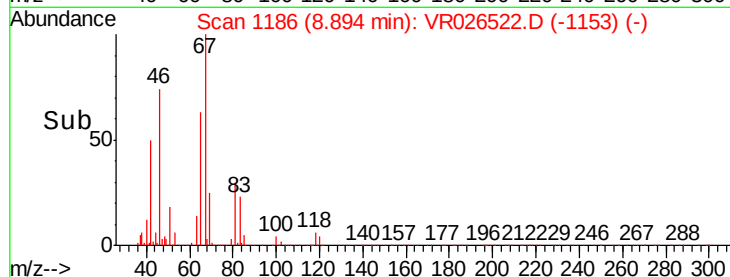
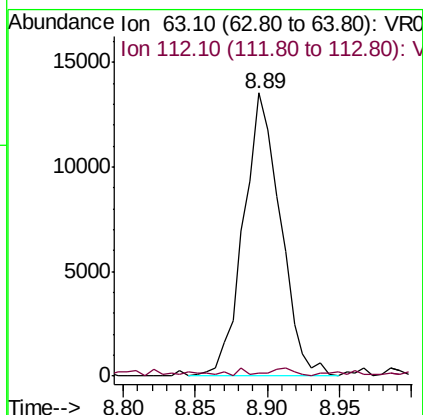
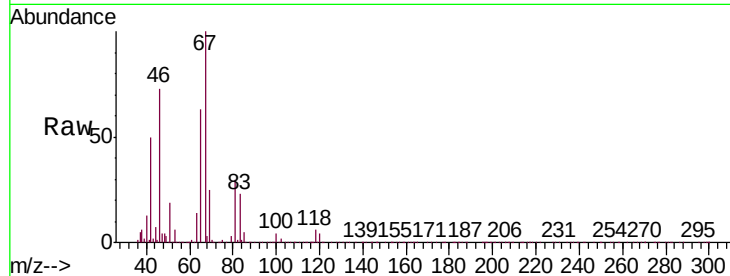




#37
 1,2-Dichloropropane
 Concen: 0.571 ug/L
 RT: 8.89 min Scan# 1186
 Delta R.T. -0.10 min
 Lab File: VR026522.D
 Acq: 9 Apr 2019 18:46

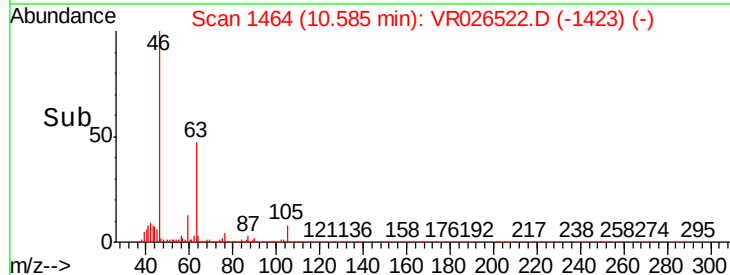
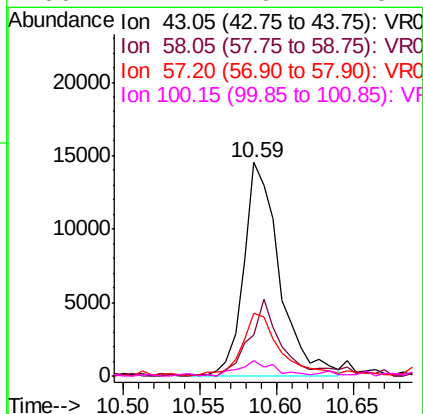
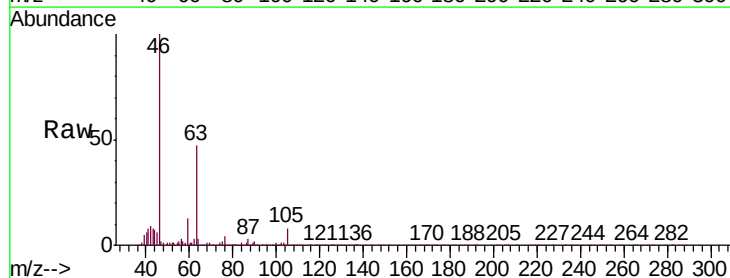
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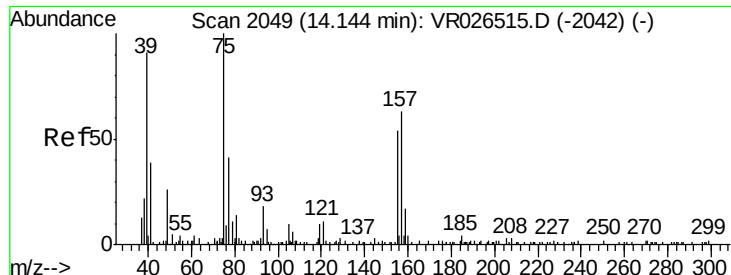
Tgt Ion: 63 Resp: 24048
 Ion Ratio Lower Upper
 63 100
 112 0.9 2.8 4.2#



#48
 2-Hexanone
 Concen: 2.865 ug/L
 RT: 10.59 min Scan# 1464
 Delta R.T. -0.05 min
 Lab File: VR026522.D
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Tgt Ion: 43 Resp: 23505
 Ion Ratio Lower Upper
 43 100
 58 29.1 38.2 57.2#
 57 31.6 13.8 20.6#
 100 7.2 6.2 9.2





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.156 ug/L
 RT: 14.14 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VR026522.D
 Acq: 9 Apr 2019 18:46

Instrument :
 MSVOA_R
 ClientSampleId :
 BEZC4

Tgt Ion: 75 Resp: 229
 Ion Ratio Lower Upper
 75 100
 155 0.0 36.1 54.1#
 157 22.1 62.4 93.6#

