

Data File : VR026388.D
Acq On : 26 Feb 2019 15:14
Operator : SY/MD
Sample : K1589-08
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 27 07:33:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 27 07:30:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	487141	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	391676	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	119885	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	152911	3.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.20%
7) Chloroethane-d5	2.62	69	141911	3.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.60%
11) 1,1-Dichloroethene-d2	3.60	63	309277	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	6.58	46	176273	50.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.36%
24) Chloroform-d	7.20	84	322962	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	7.89	65	130691	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
32) Benzene-d6	7.85	84	557975	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.80%
36) 1,2-Dichloropropane-d6	8.89	67	152032	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	9.97	98	479723	3.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.20%
43) trans-1,3-Dichloropropene-	10.23	79	35202	3.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.40%
46) 2-Hexanone-d5	10.59	63	123963	49.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.78%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	55994	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	100981	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

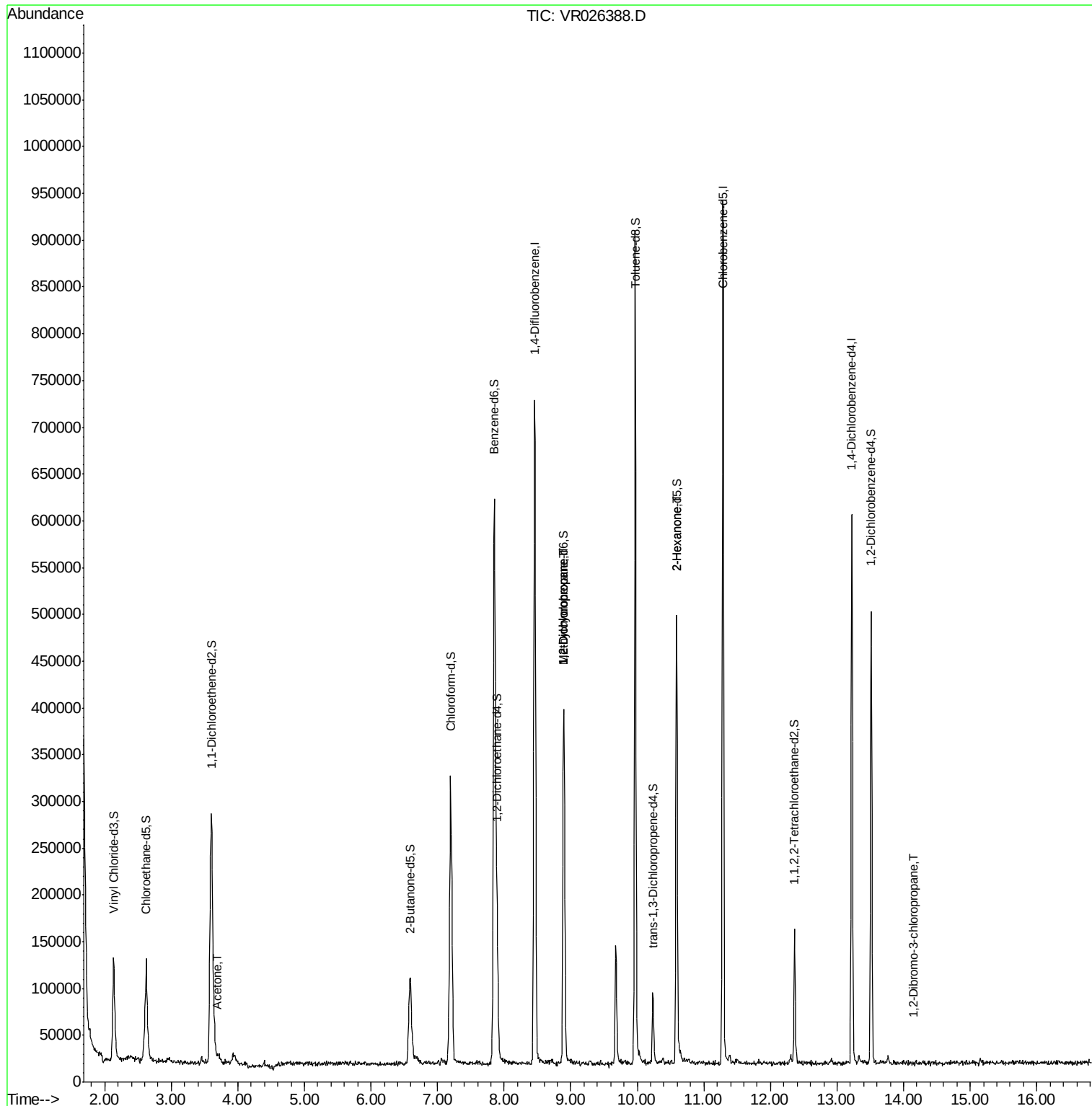
Target Compounds

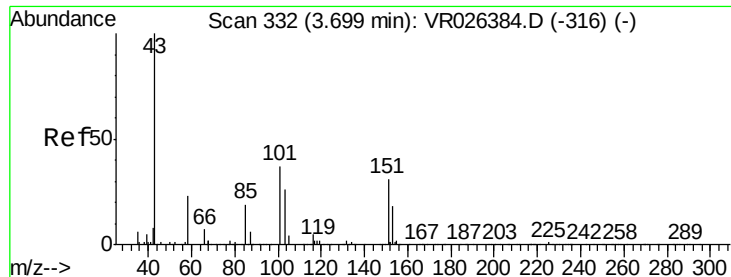
					Qvalue
13) Acetone	3.70	43	10879	3.477 ug/L	99
35) Methylcyclohexane	8.89	83	38247	0.712 ug/L #	15
37) 1,2-Dichloropropane	8.89	63	20436	0.639 ug/L #	90
48) 2-Hexanone	10.59	43	22667	3.753 ug/L #	74
66) 1,2-Dibromo-3-chloropropan	14.14	75	217	0.194 ug/L #	78

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

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#13

Acetone

Concen: 3.477 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.00 min

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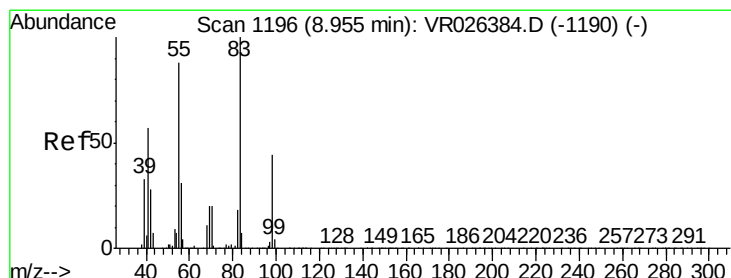
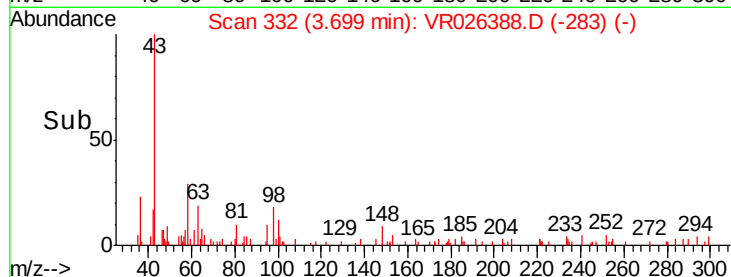
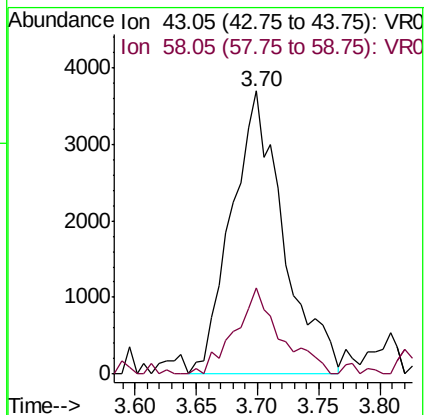
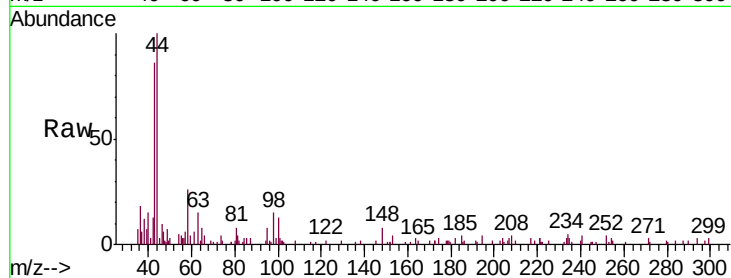
Acq: 26 Feb 2019 15:14

Tgt Ion: 43 Resp: 10879

Ion Ratio Lower Upper

43 100

58 26.6 0.0 52.2



#35

Methylcyclohexane

Concen: 0.712 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

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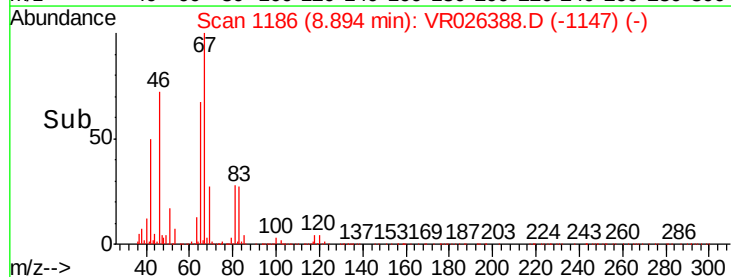
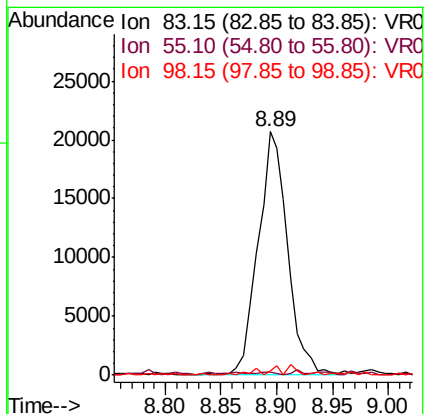
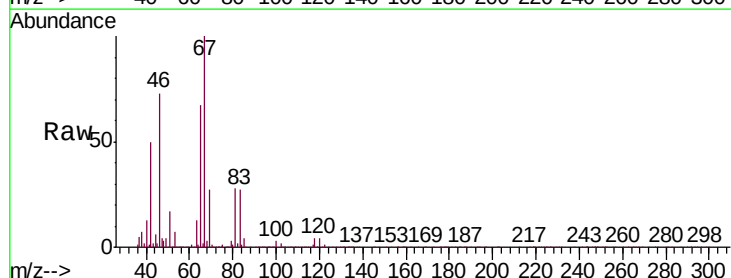
Tgt Ion: 83 Resp: 38247

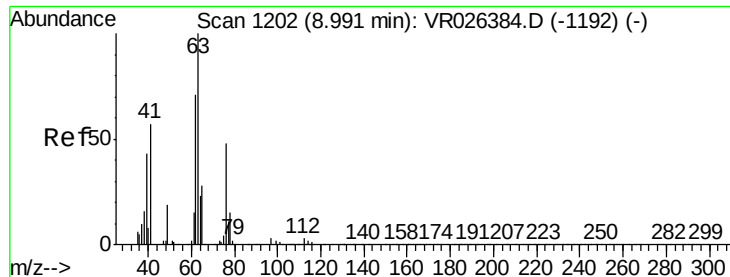
Ion Ratio Lower Upper

83 100

55 0.7 72.2 108.2#

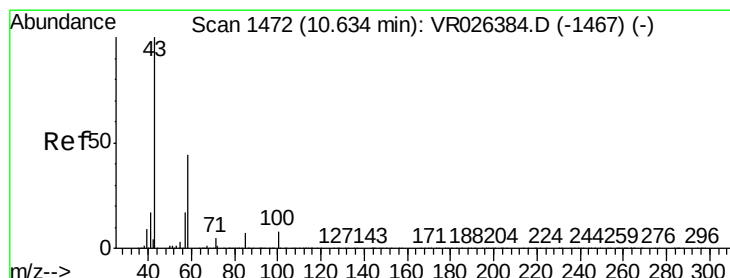
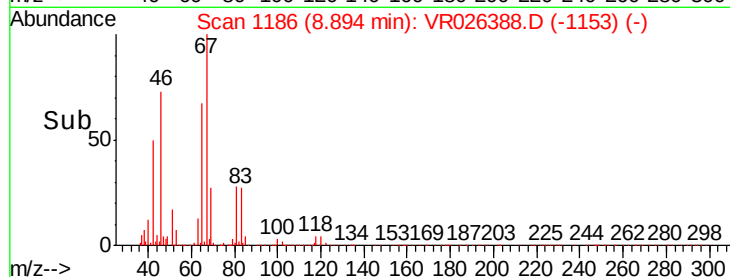
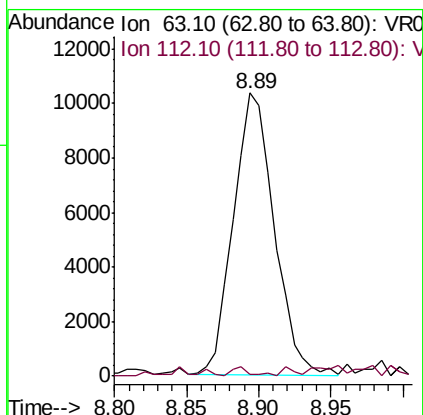
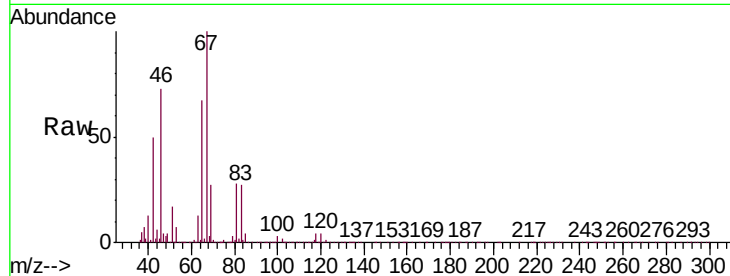
98 1.2 35.0 52.4#





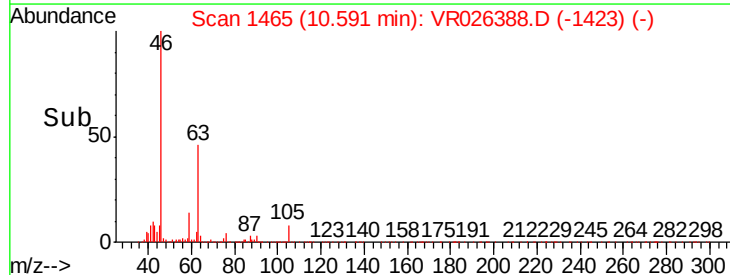
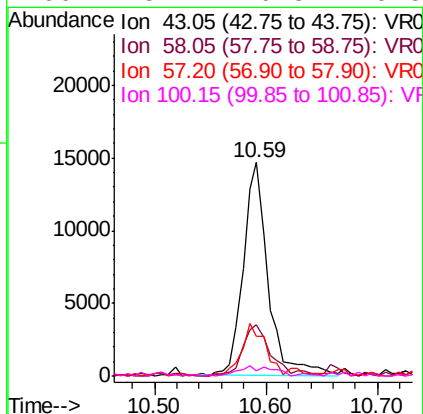
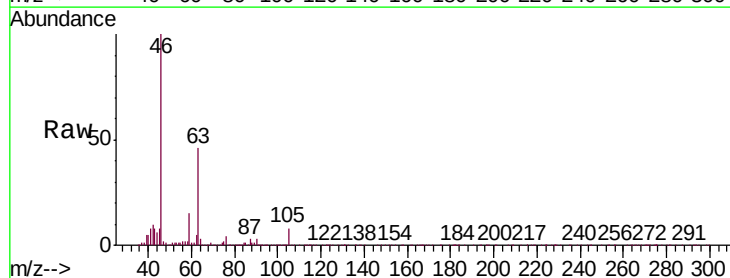
#37
 1,2-Dichloropropane
 Concen: 0.639 ug/L
 RT: 8.89 min Scan# 1186
 Delta R.T. -0.10 min
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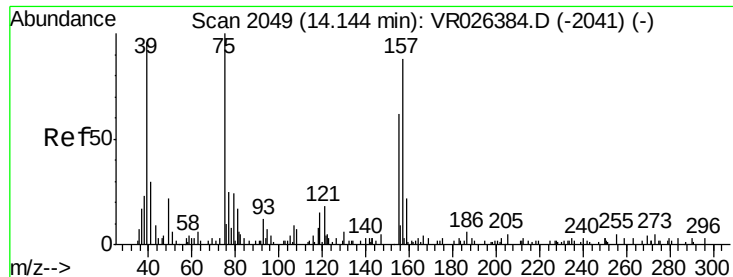
Tgt Ion: 63 Resp: 20436
 Ion Ratio Lower Upper
 63 100
 112 1.3 3.6 5.4#



#48
 2-Hexanone
 Concen: 3.753 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
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Tgt Ion: 43 Resp: 22667
 Ion Ratio Lower Upper
 43 100
 58 27.1 38.4 57.6#
 57 23.8 13.2 19.8#
 100 3.2 6.3 9.5#





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.194 ug/L
 RT: 14.14 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VR026388.D
 Acq: 26 Feb 2019 15:14

Tgt Ion: 75 Resp: 217
 Ion Ratio Lower Upper
 75 100
 155 43.0 53.8 80.8#
 157 70.8 67.4 101.0

