

Data File : VR026239.D
Acq On : 20 Nov 2018 21:36
Operator : SY/MD
Sample : J6026-07
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
H0FL4

Quant Time: Nov 21 03:26:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 03:23:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	562264	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	477463	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	144517	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	225554	5.27	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.40%
7) Chloroethane-d5	2.63	69	189203	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	3.60	63	406089	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	6.59	46	177280	44.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.30%
24) Chloroform-d	7.20	84	390952	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	7.90	65	155629	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	7.86	84	769498	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	8.90	67	199643	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	9.97	98	684265	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	10.24	79	46076	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	10.59	63	135429	51.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.58%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	77437	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	133739	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

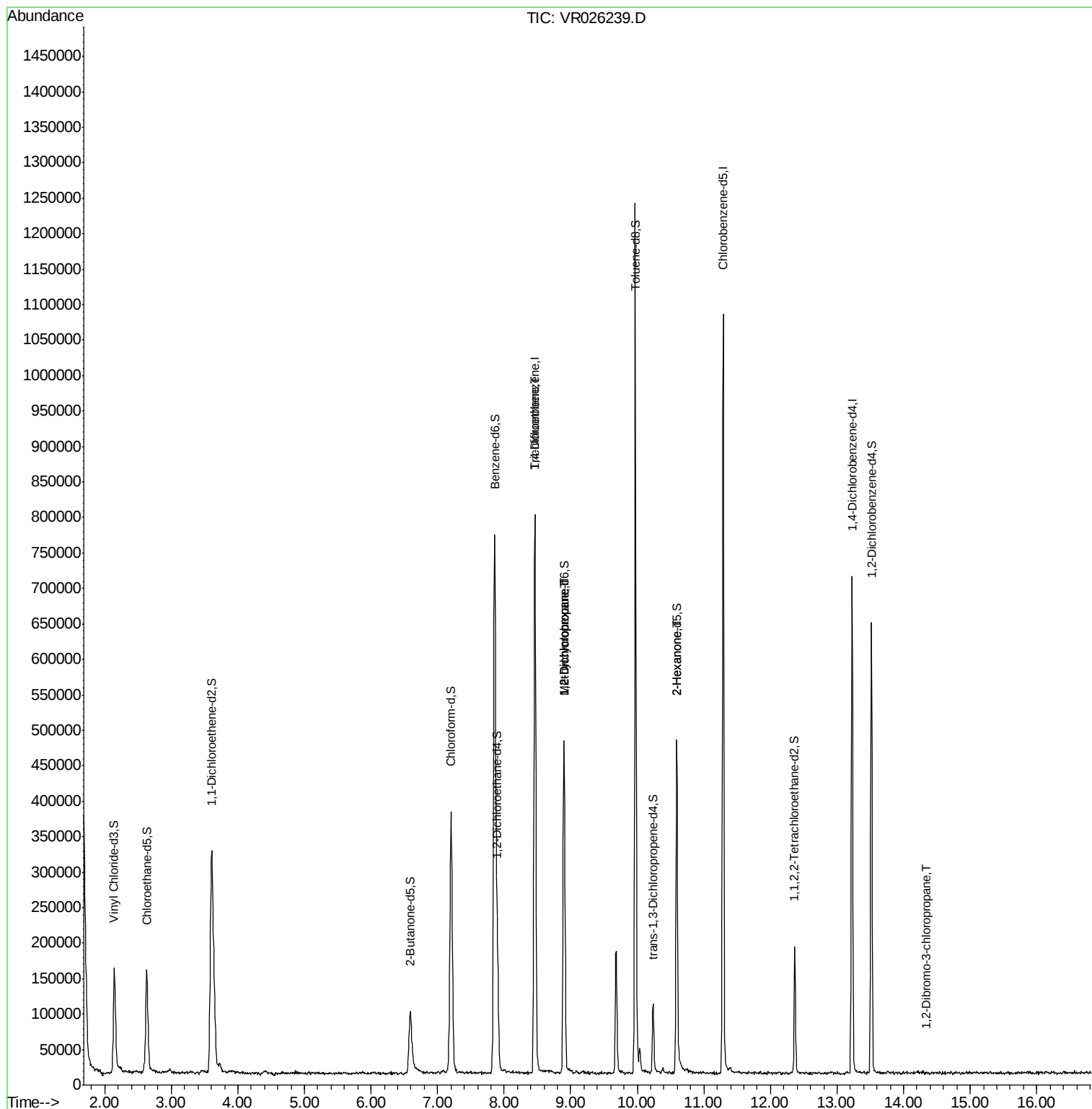
					Qvalue
34) Trichloroethene	8.46	95	19630	0.425 ug/L #	10
35) Methylcyclohexane	8.89	83	48035	0.781 ug/L #	17
37) 1,2-Dichloropropane	8.90	63	24004	0.665 ug/L #	90
48) 2-Hexanone	10.59	43	22282	3.306 ug/L #	71
66) 1,2-Dibromo-3-chloropropan	14.34	75	199	0.158 ug/L	91

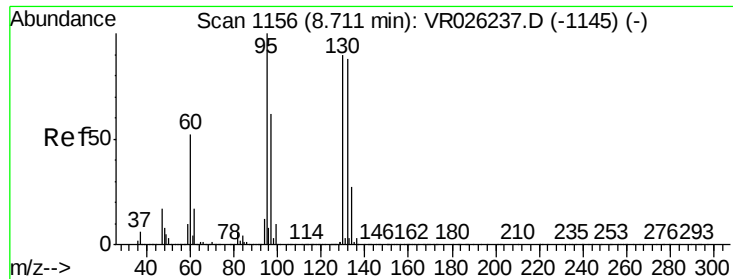
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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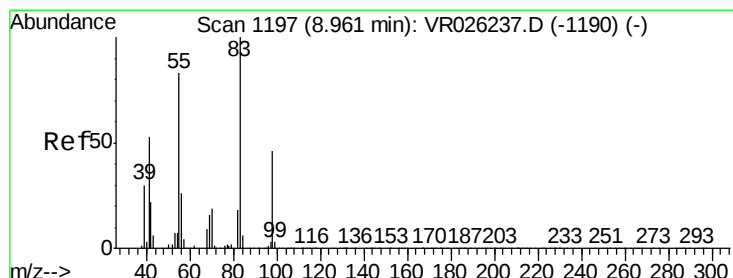
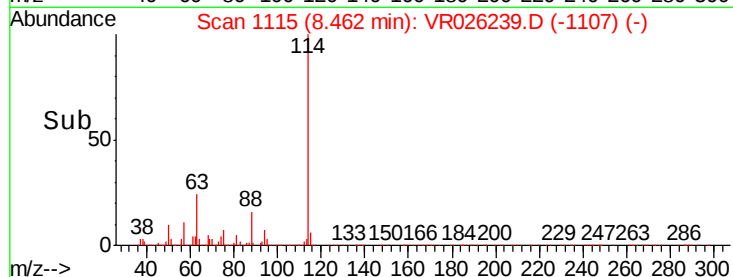
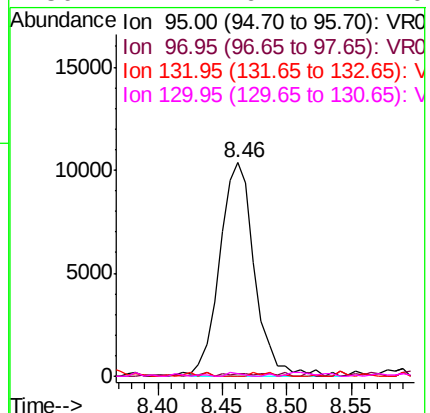
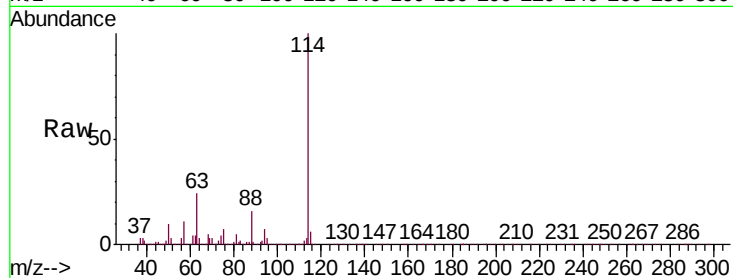




#34
Trichloroethene
Concen: 0.425 ug/L
RT: 8.46 min Scan# 1115
Delta R.T. -0.25 min
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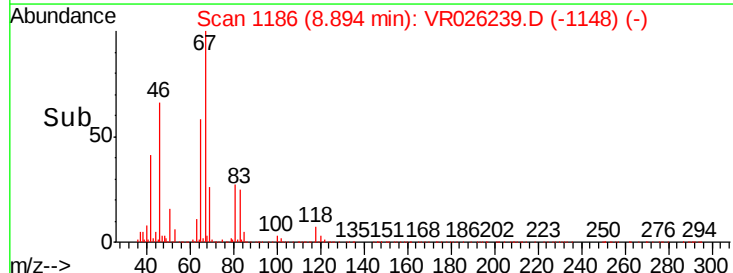
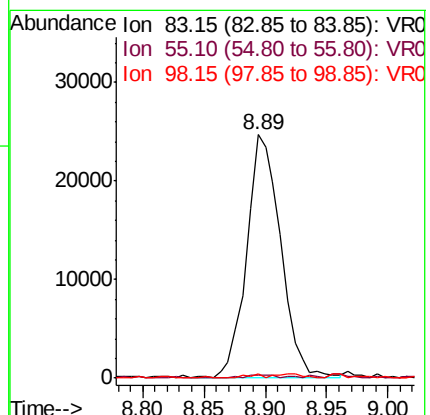
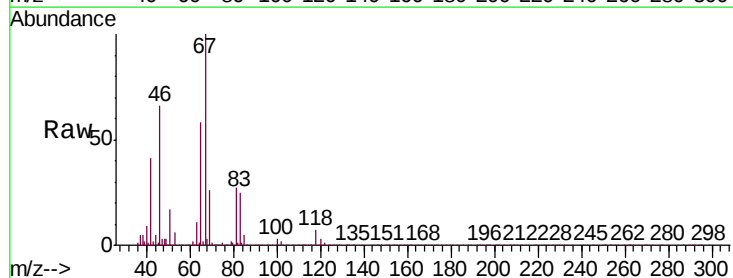
Instrument :
MSVOA_R
ClientSampleId :
H0FL4

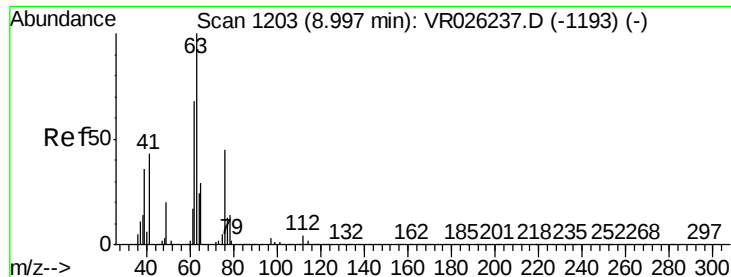
Tgt Ion	Ratio	Lower	Upper
95	100		
97	1.0	45.1	83.7#
132	0.0	59.8	111.0#
130	1.4	61.4	114.0#



#35
Methylcyclohexane
Concen: 0.781 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.07 min
Lab File: VR026239.D
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Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.5	66.6	100.0#
98	0.8	35.5	53.3#





#37

1,2-Dichloropropane

Concen: 0.665 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

Lab File: VR026239.D

Acq: 20 Nov 2018 21:36

Instrument :

MSVOA_R

ClientSampleId :

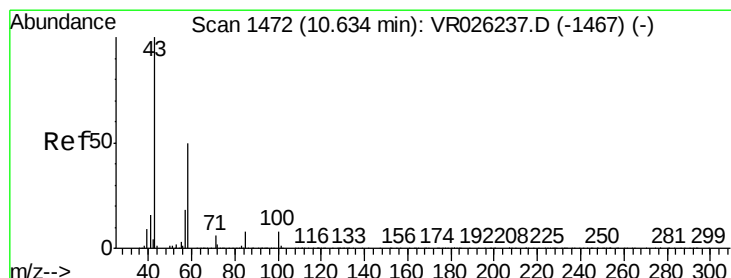
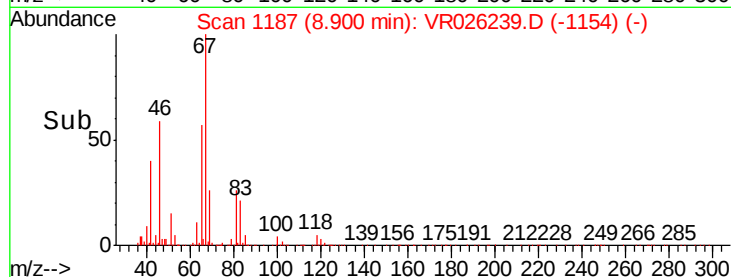
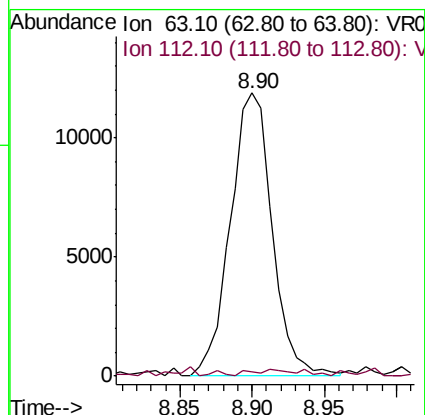
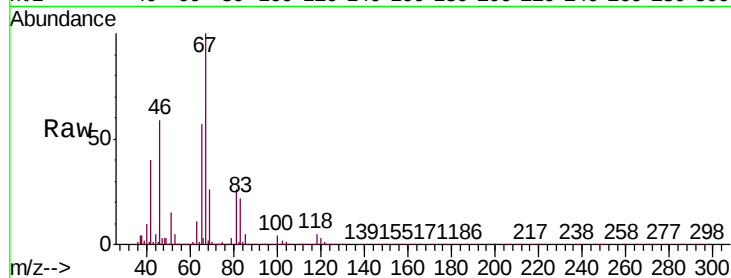
H0FL4

Tgt Ion: 63 Resp: 24004

Ion Ratio Lower Upper

63 100

112 0.9 3.4 5.0#



#48

2-Hexanone

Concen: 3.306 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 22282

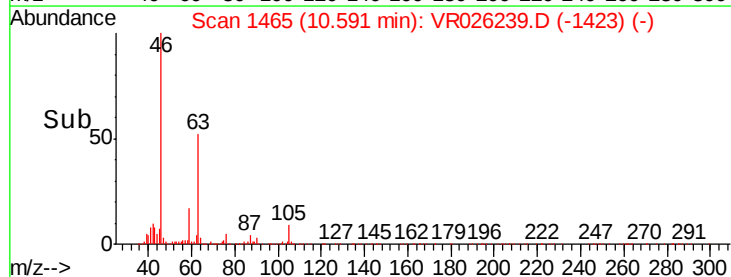
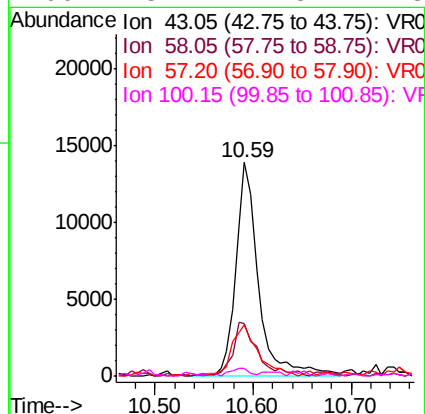
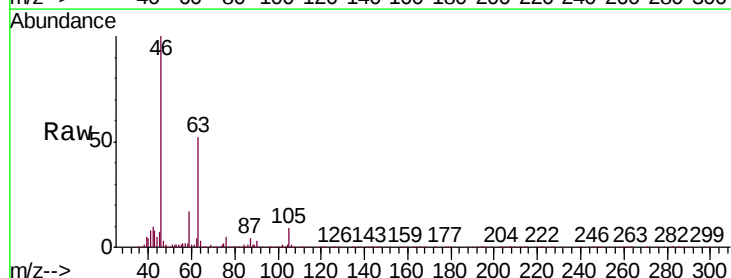
Ion Ratio Lower Upper

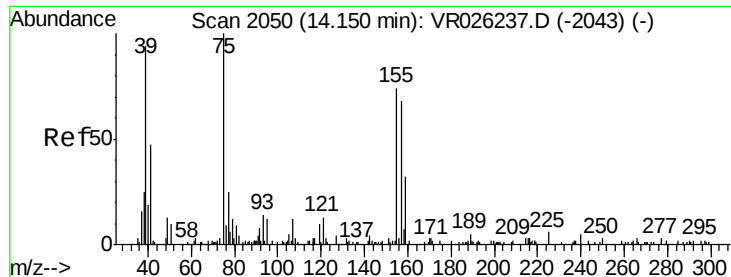
43 100

58 27.8 41.3 61.9#

57 28.3 14.5 21.7#

100 3.2 7.5 11.3#





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.158 ug/L
 RT: 14.34 min Scan# 2081
 Delta R.T. 0.19 min
 Lab File: VR026239.D
 Acq: 20 Nov 2018 21:36

Instrument :
 MSVOA_R
 ClientSampleId :
 H0FL4

Tgt Ion: 75 Resp: 199
 Ion Ratio Lower Upper
 75 100
 155 63.4 46.0 69.0
 157 90.8 65.5 98.3

