

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR091818\
 Data File : VR025763.D
 Acq On : 18 Sep 2018 20:24
 Operator : SY/MD
 Sample : J4874-26
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 A3ZD3

Quant Time: Sep 19 09:15:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 16:10:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	655465	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	581358	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	172750	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	141570	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	2.63	69	124791	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	3.63	63	284941	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	6.59	46	148936	52.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.20%
24) Chloroform-d	7.20	84	367140	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	7.90	65	128680	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	7.86	84	796043	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	8.90	67	224069	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	9.97	98	691073	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	10.23	79	40644	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
46) 2-Hexanone-d5	10.59	63	177118	56.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.82%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	96662	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	161145	5.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.00%

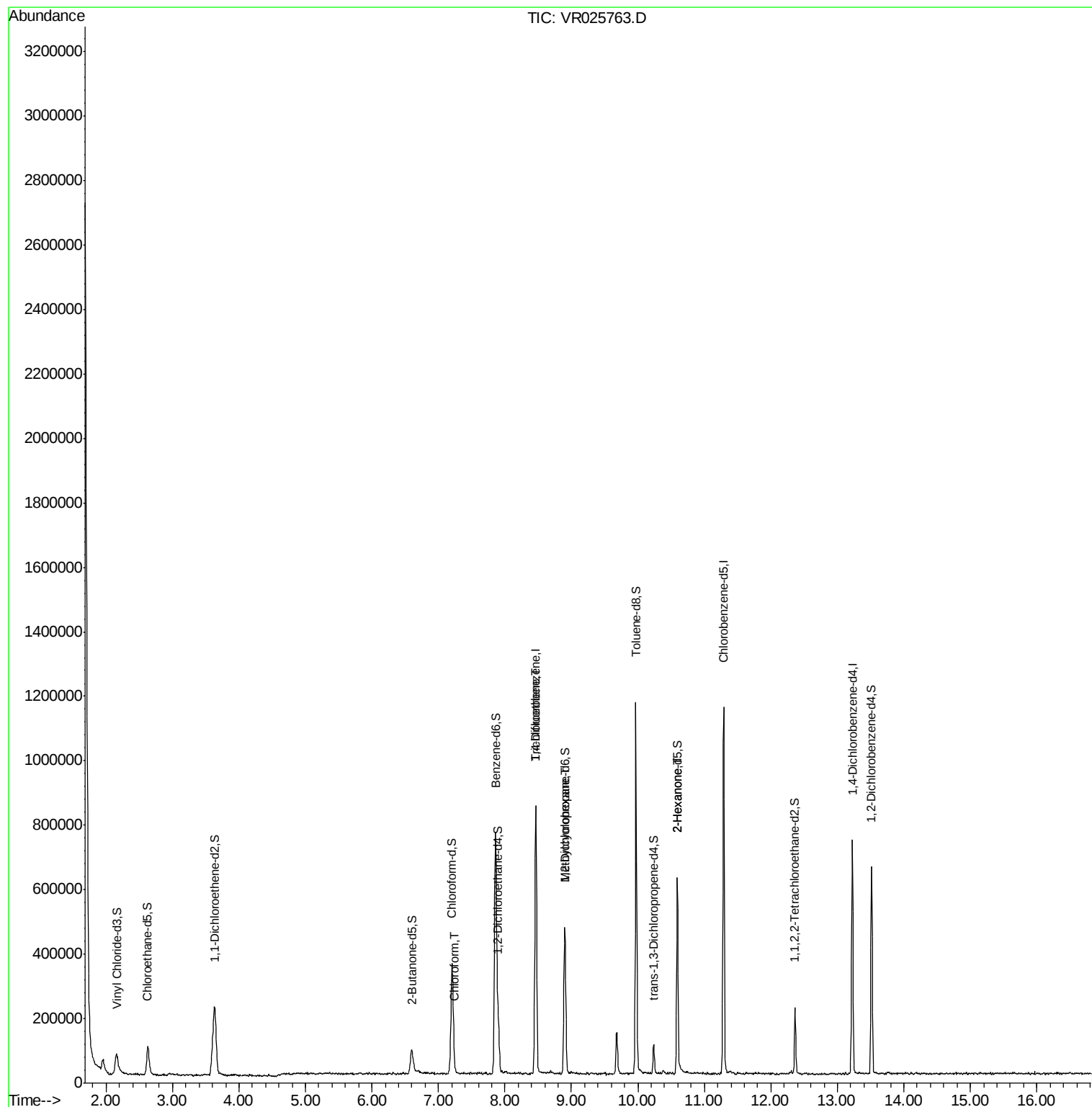
Target Compounds					Qvalue
25) Chloroform	7.24	83	12017	0.154 ug/L	87
34) Trichloroethene	8.47	95	17658	0.345 ug/L #	8
35) Methylcyclohexane	8.90	83	46977	0.583 ug/L #	20
48) 2-Hexanone	10.59	43	21784	2.574 ug/L #	69

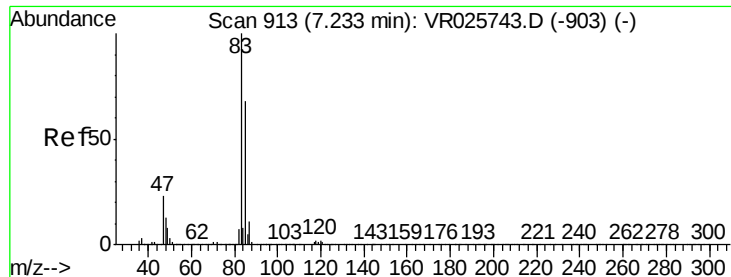
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.154 ug/L

RT: 7.24 min Scan# 914

Delta R.T. 0.01 min

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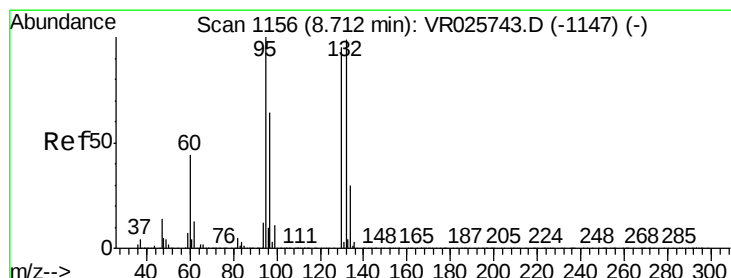
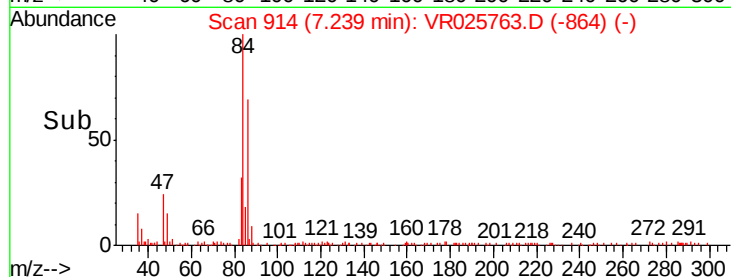
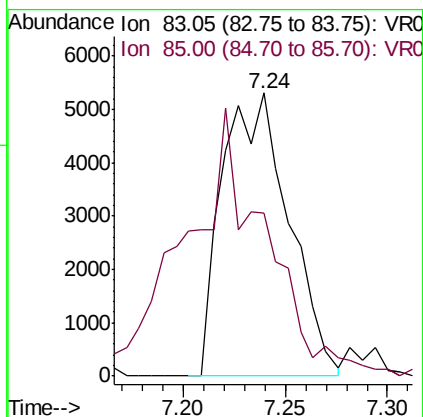
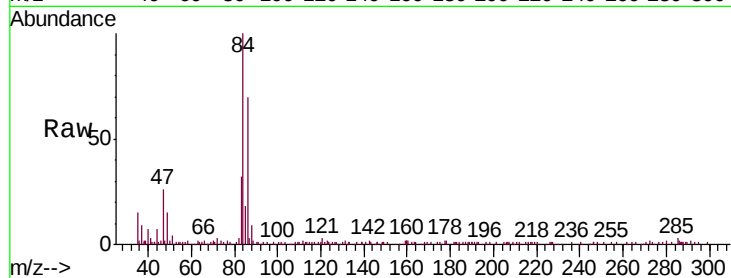
A3ZD3

Tgt Ion: 83 Resp: 12017

Ion Ratio Lower Upper

83 100

85 57.7 47.7 88.7



#34

Trichloroethene

Concen: 0.345 ug/L

RT: 8.47 min Scan# 1116

Delta R.T. -0.24 min

Lab File: VR025763.D

Acq: 18 Sep 2018 20:24

Tgt Ion: 95 Resp: 17658

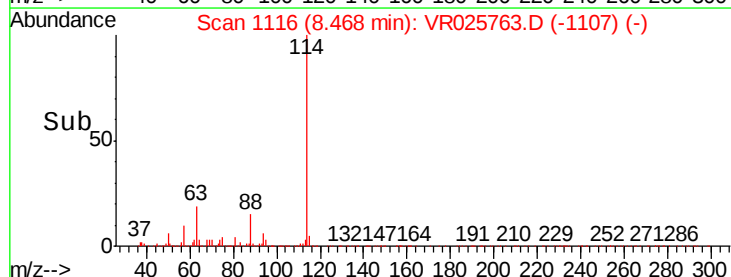
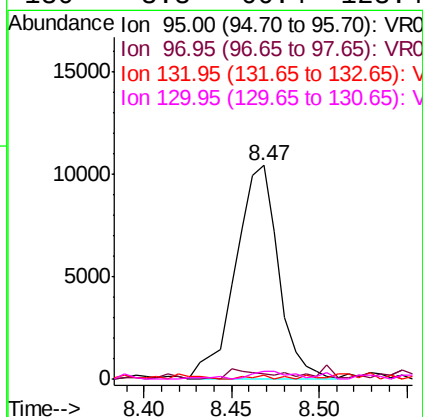
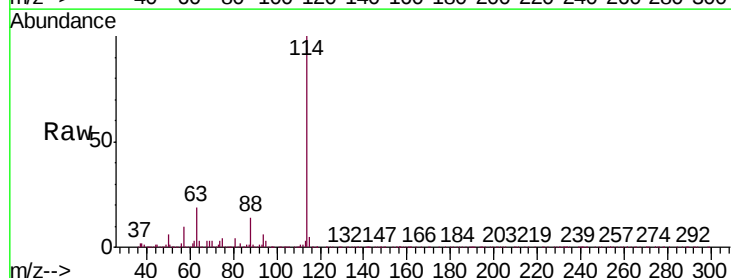
Ion Ratio Lower Upper

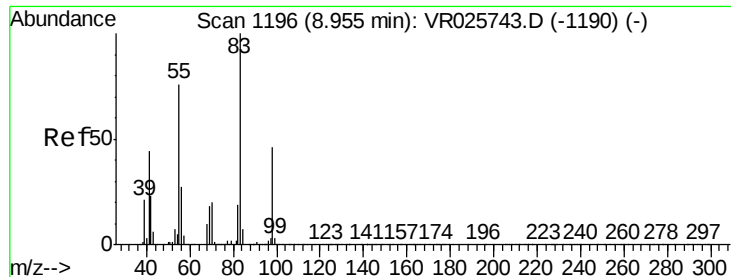
95 100

97 2.4 44.9 83.5#

132 1.8 69.2 128.6#

130 3.3 66.4 123.4#

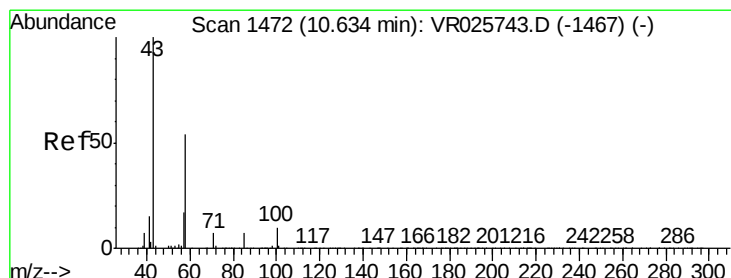
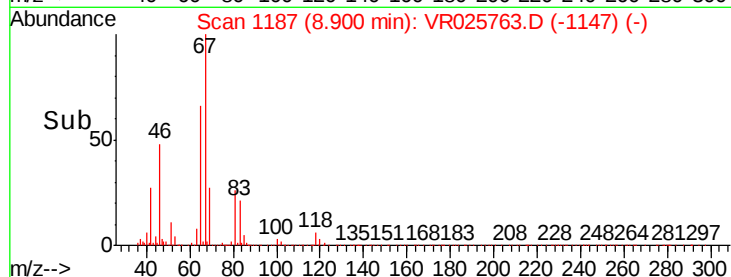
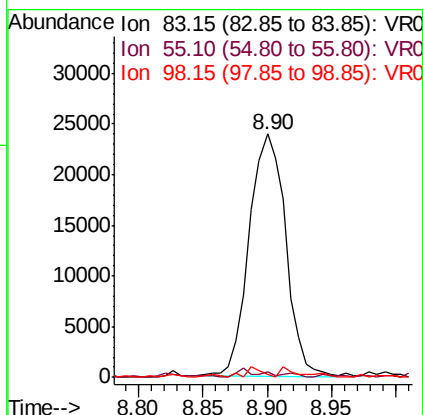
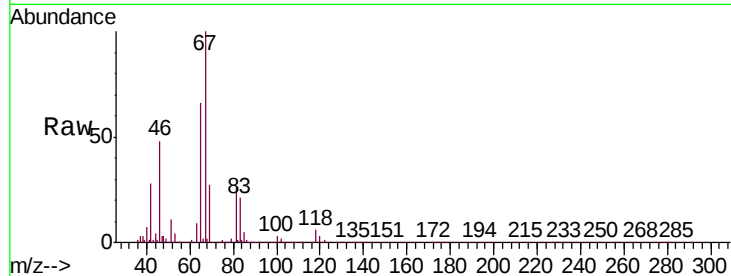




#35
Methylcyclohexane
Concen: 0.583 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
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Tgt Ion: 83 Resp: 46977
Ion Ratio Lower Upper
83 100
55 0.6 60.2 90.4#
98 1.7 36.2 54.4#



#48
2-Hexanone
Concen: 2.574 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR025763.D
Acq: 18 Sep 2018 20:24

Tgt Ion: 43 Resp: 21784
Ion Ratio Lower Upper
43 100
58 31.1 44.4 66.6#
57 34.4 14.0 21.0#
100 11.4 8.2 12.2

