

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092418\
 Data File : VR025822.D
 Acq On : 24 Sep 2018 13:44
 Operator : SY/MD
 Sample : J5030-04
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 BEY73

Quant Time: Sep 25 22:31:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 25 08:50:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	425357	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	468857	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	126972	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	257	0.01	ug/L	0.19
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.20%#
7) Chloroethane-d5	2.63	69	130773	5.47	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.40%
11) 1,1-Dichloroethene-d2	3.62	63	560	0.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.20%#
20) 2-Butanone-d5	6.59	46	198180	48.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.62%
24) Chloroform-d	7.20	84	300883	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	7.89	65	135731	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	7.85	84	316378	1.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	36.40%#
36) 1,2-Dichloropropane-d6	8.90	67	172705	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.80%
41) Toluene-d8	9.96	98	627	0.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.00%#
43) trans-1,3-Dichloropropene-	10.42	79	279	0.02	ug/L	0.18
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.40%#
46) 2-Hexanone-d5	10.59	63	140319	31.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.96%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	63112	3.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	97261	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

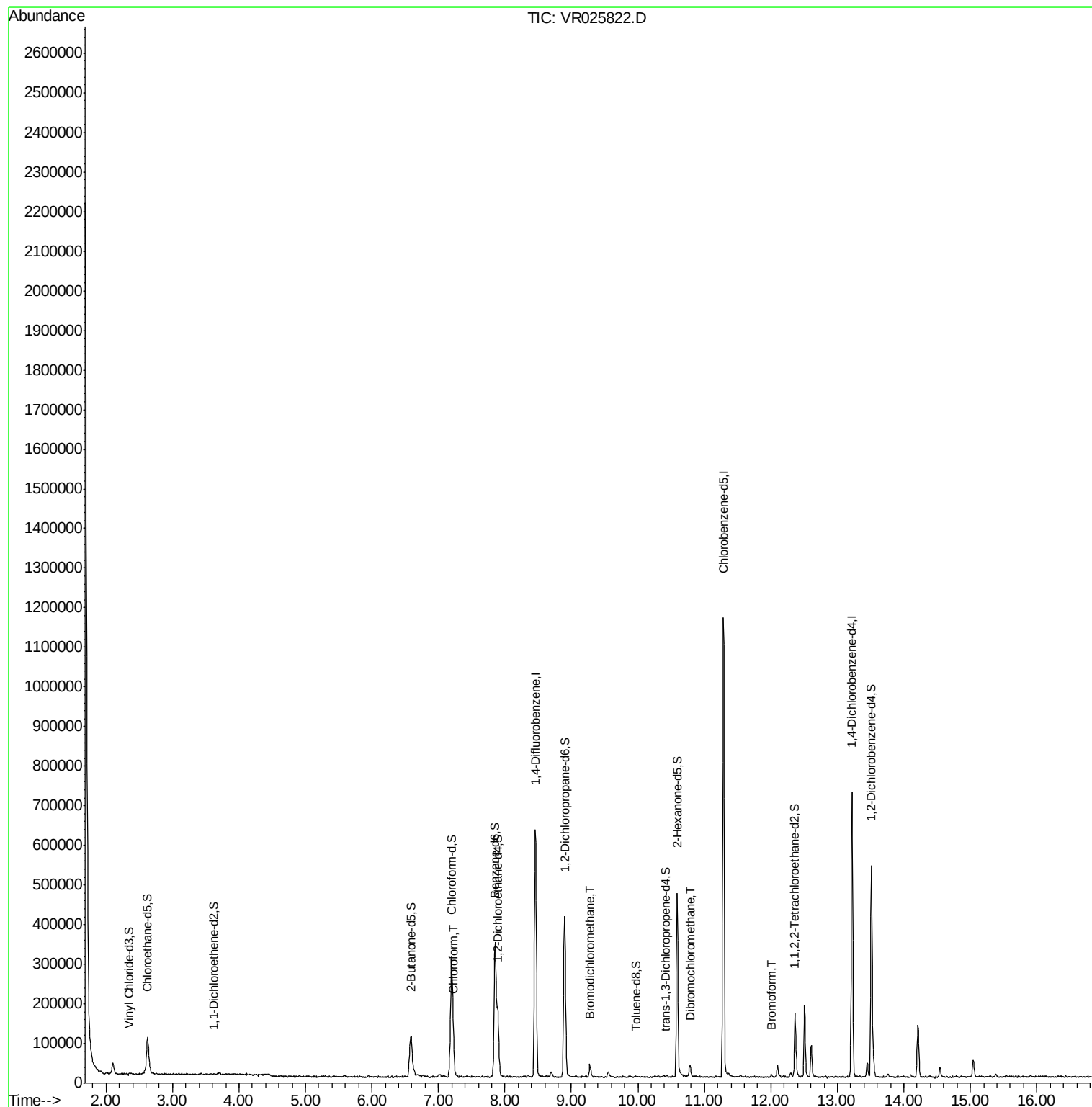
					Qvalue
25) Chloroform	7.23	83	25083	0.321 ug/L	98
38) Bromodichloromethane	9.28	83	20932	0.345 ug/L	94
49) Dibromochloromethane	10.79	129	12490	0.521 ug/L	100
61) Bromoform	12.01	173	2563	0.433 ug/L #	80

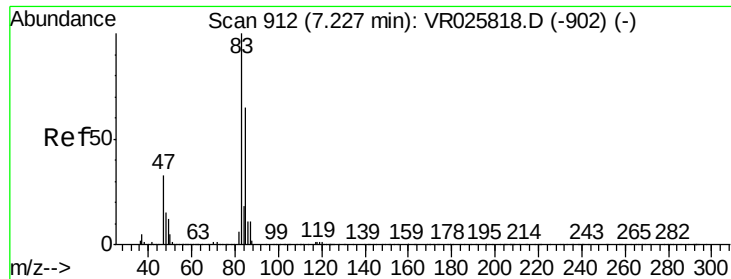
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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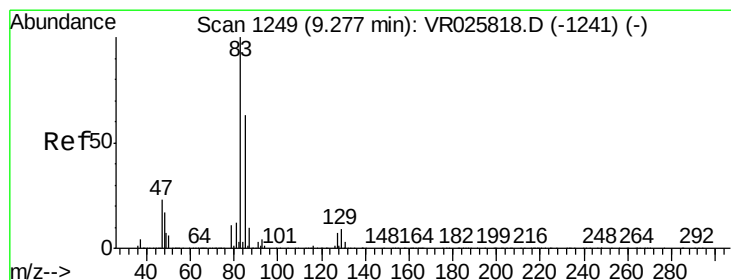
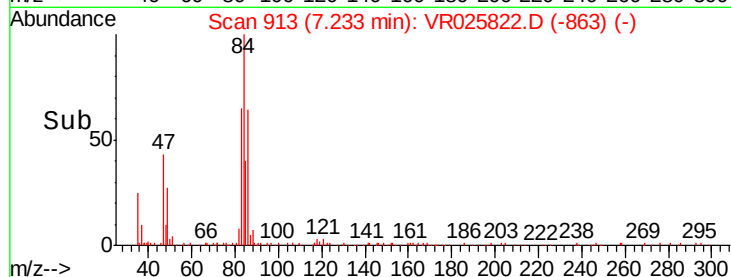
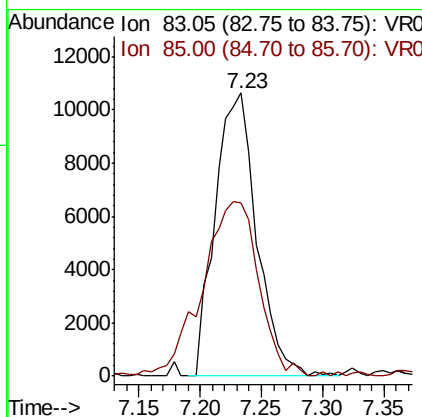
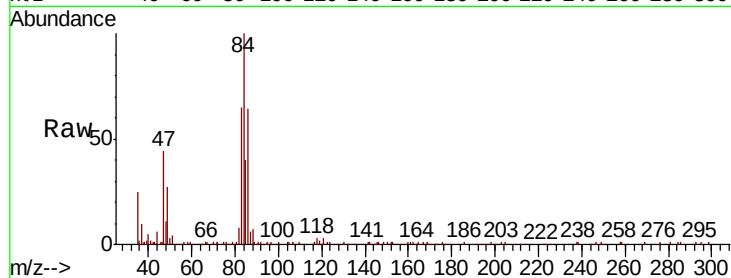




#25
Chloroform
Concen: 0.321 ug/L
RT: 7.23 min Scan# 913
Delta R.T. 0.01 min
Lab File: VR025822.D
Acq: 24 Sep 2018 13:44

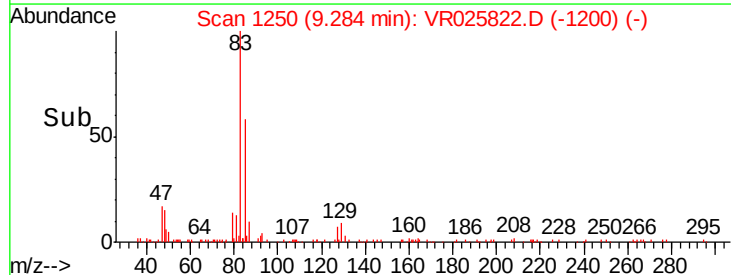
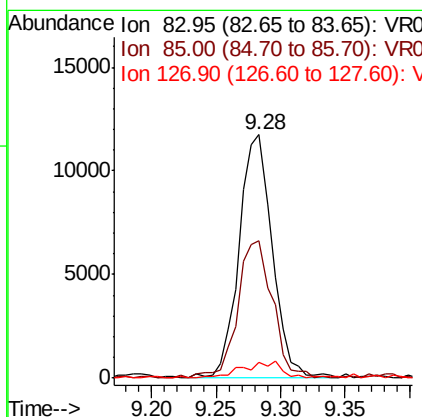
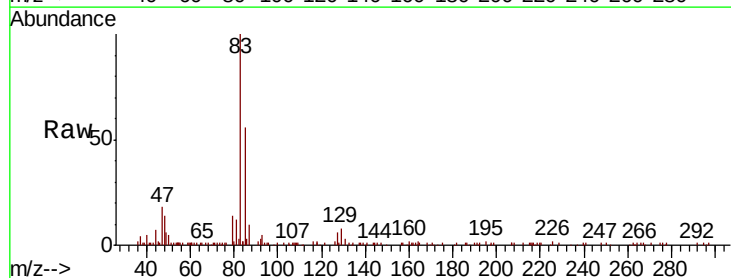
Instrument :
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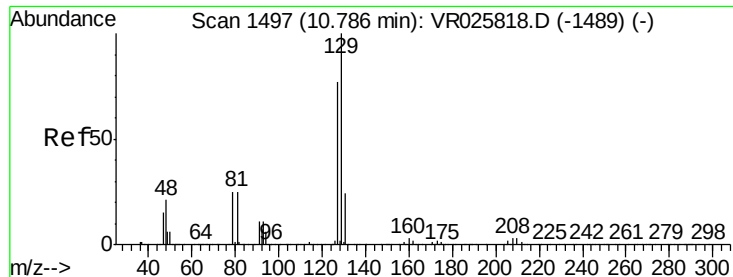
Tgt Ion: 83 Resp: 25083
Ion Ratio Lower Upper
83 100
85 61.4 43.8 81.4



#38
Bromodichloromethane
Concen: 0.345 ug/L
RT: 9.28 min Scan# 1250
Delta R.T. 0.01 min
Lab File: VR025822.D
Acq: 24 Sep 2018 13:44

Tgt Ion: 83 Resp: 20932
Ion Ratio Lower Upper
83 100
85 56.3 42.8 79.4
127 6.4 5.6 8.4





#49

Dibromochloromethane

Concen: 0.521 ug/L

RT: 10.79 min Scan# 1497

Delta R.T. 0.00 min

Lab File: VR025822.D

Acq: 24 Sep 2018 13:44

Instrument :

MSVOA_R

ClientSampleId :

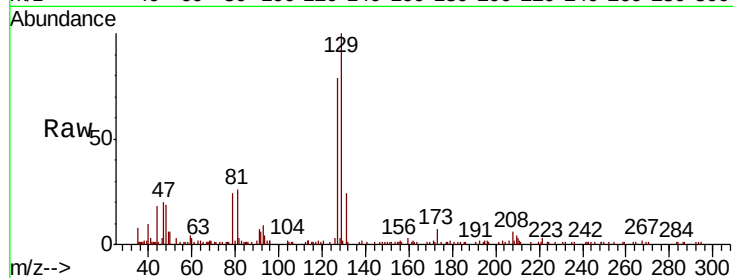
BEY73

Tgt Ion:129 Resp: 12490

Ion Ratio Lower Upper

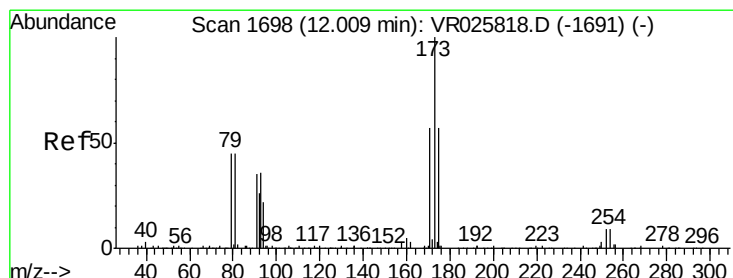
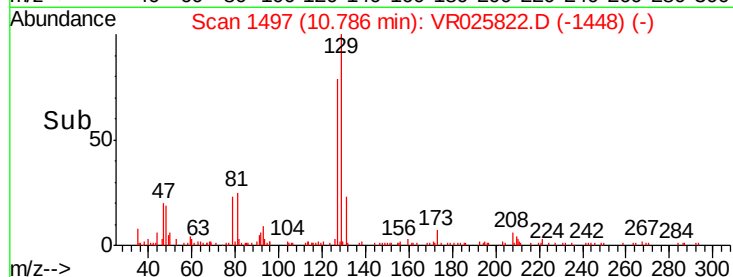
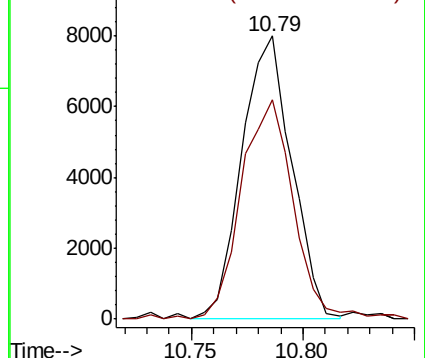
129 100

127 77.7 54.1 100.5



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#61

Bromoform

Concen: 0.433 ug/L

RT: 12.01 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VR025822.D

Acq: 24 Sep 2018 13:44

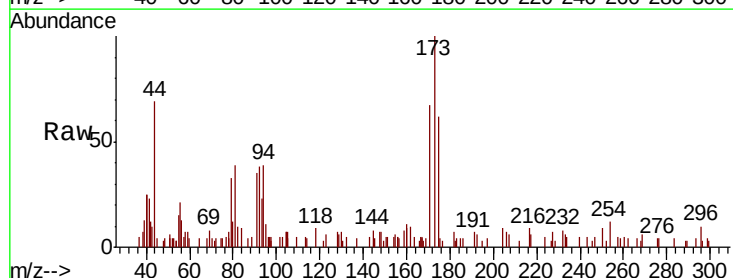
Tgt Ion:173 Resp: 2563

Ion Ratio Lower Upper

173 100

175 59.6 36.9 55.3#

254 15.5 6.6 10.0#



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V

