

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071618\
 Data File : VU025432.D
 Acq On : 16 Jul 2018 18:29
 Operator : MD/SY
 Sample : J3937-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEMG6

Quant Time: Jul 17 03:56:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 17 02:54:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.90	114	321100	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	289319	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	132818	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	82191	47.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.20%
7) Chloroethane-d5	1.67	69	69625	49.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.22%
11) 1,1-Dichloroethene-d2	2.27	63	126507	33.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.80%
21) 2-Butanone-d5	4.23	46	157015	90.00	ug/L	0.05
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.00%
24) Chloroform-d	4.64	84	182380	44.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.04%
26) 1,2-Dichloroethane-d4	5.31	65	126411	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.44%
32) Benzene-d6	5.34	84	355004	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.68%
36) 1,2-Dichloropropane-d6	6.35	67	117053	49.78	ug/L	0.01
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.56%
41) Toluene-d8	7.58	98	325353	45.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.10%
43) trans-1,3-Dichloropropene-	7.86	79	51178	42.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.80%
47) 2-Hexanone-d5	8.33	63	114580	91.35	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.35%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	176336	48.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.70%
64) 1,2-Dichlorobenzene-d4	11.87	152	131879	47.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.04%

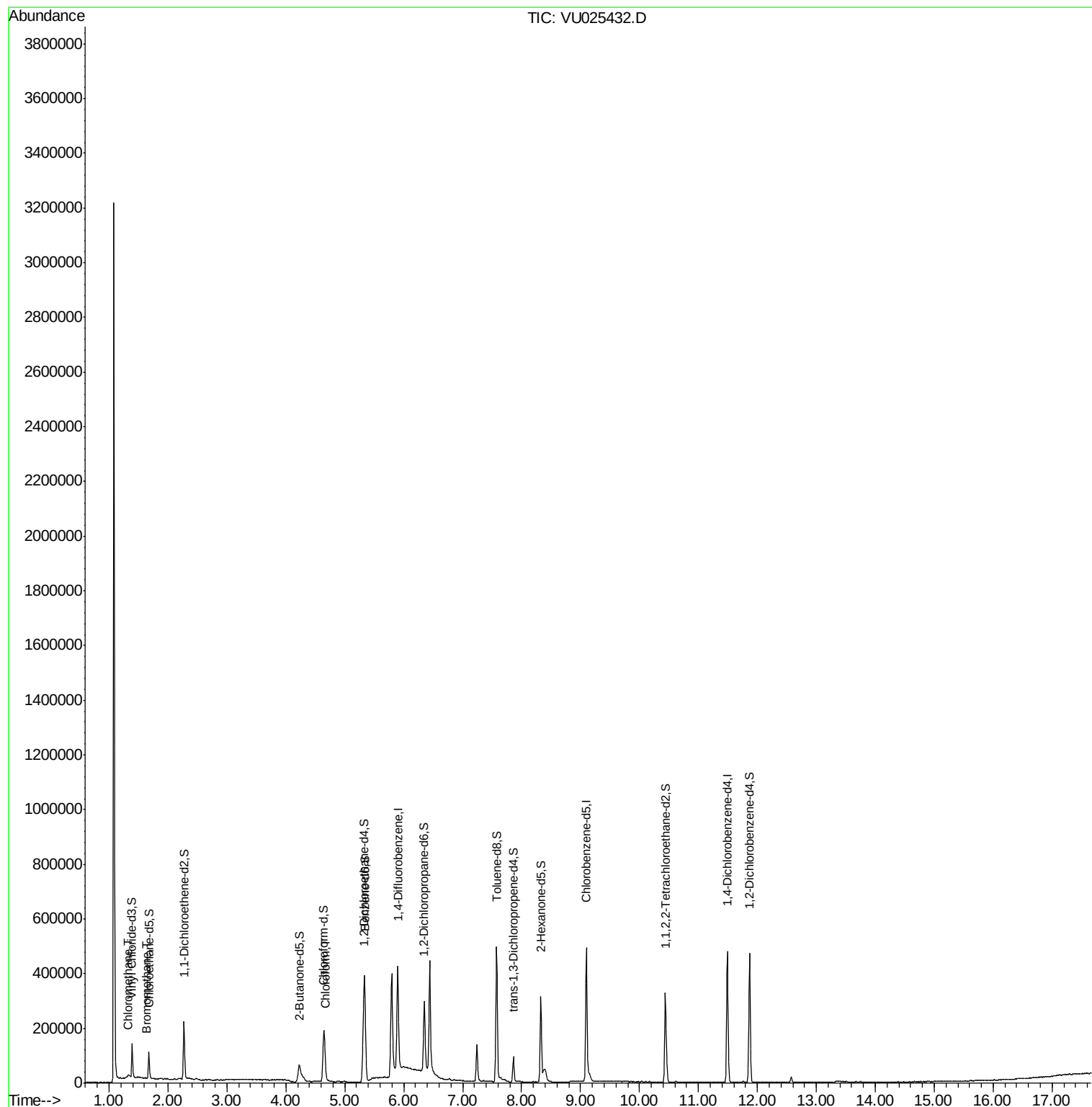
Target Compounds					Qvalue
3) Chloromethane	1.32	50	7117	2.367 ug/L	99
6) Bromomethane	1.63	94	790	1.210 ug/L	92
25) Chloroform	4.67	83	13310	3.081 ug/L	95

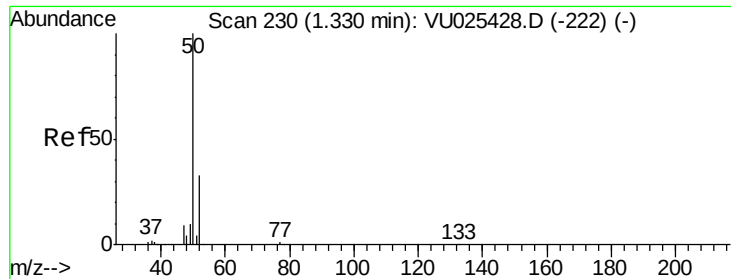
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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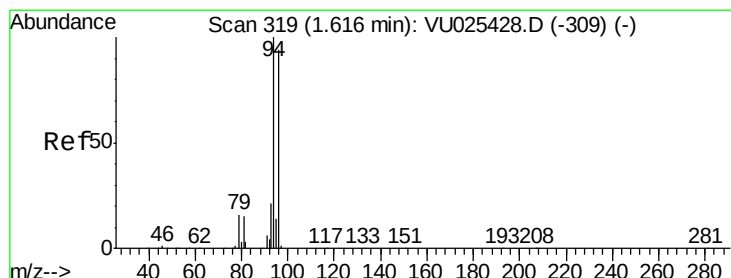
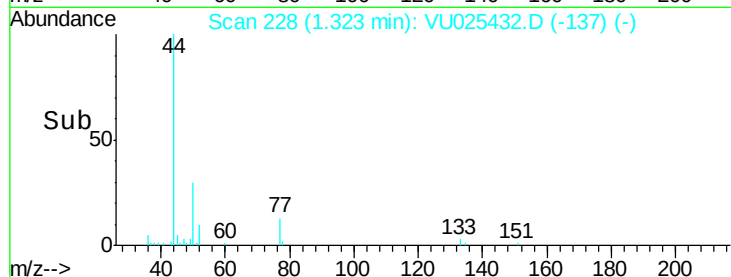
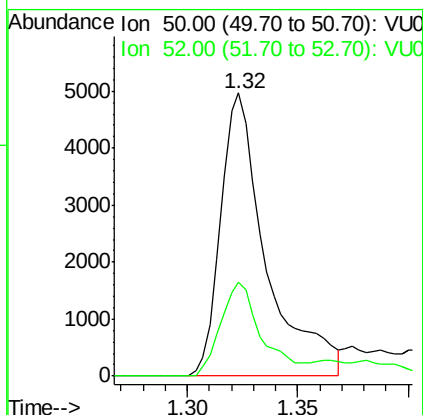
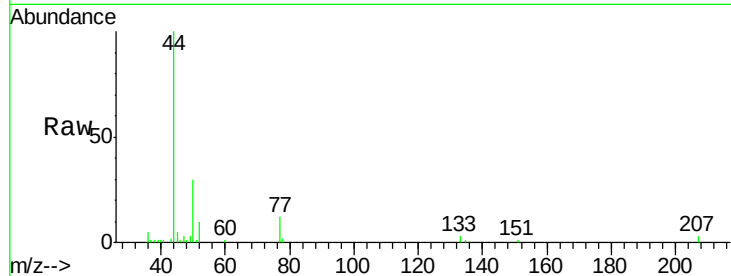




#3
Chloromethane
Concen: 2.367 ug/L
RT: 1.32 min Scan# 228
Delta R.T. -0.01 min
Lab File: VU025432.D
Acq: 16 Jul 2018 18:29

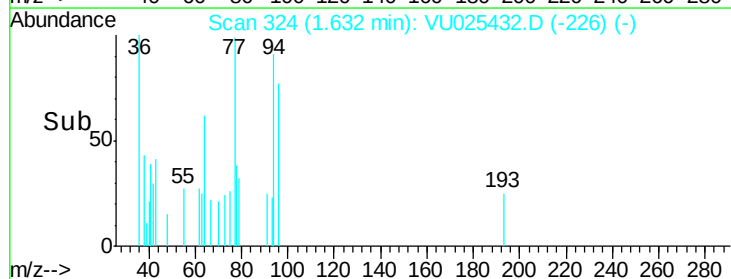
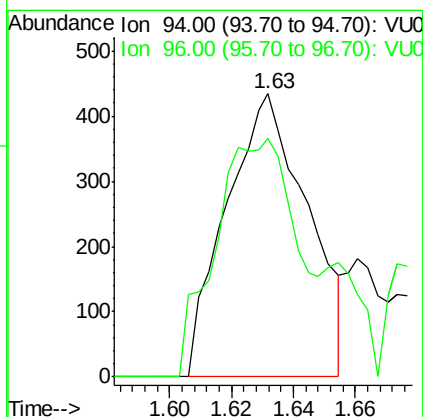
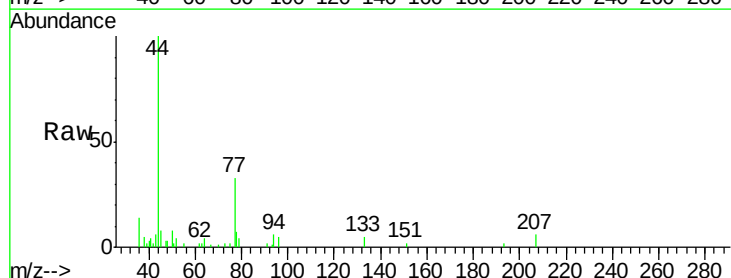
Instrument :
MSVOA_U
ClientSampled :
BEMG6

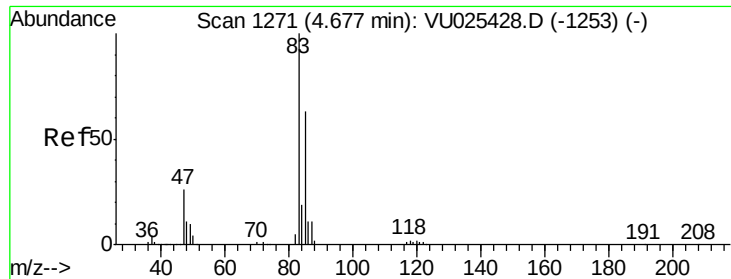
Tgt Ion: 50 Resp: 7117
Ion Ratio Lower Upper
50 100
52 33.0 23.5 43.7



#6
Bromomethane
Concen: 1.210 ug/L
RT: 1.63 min Scan# 324
Delta R.T. 0.02 min
Lab File: VU025432.D
Acq: 16 Jul 2018 18:29

Tgt Ion: 94 Resp: 790
Ion Ratio Lower Upper
94 100
96 84.3 64.2 119.2





#25
 Chloroform
 Concen: 3.081 ug/L
 RT: 4.67 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VU025432.D
 Acq: 16 Jul 2018 18:29

Instrument :
 MSVOA_U
 ClientSampleId :
 BEMG6

Tgt Ion: 83 Resp: 13310
 Ion Ratio Lower Upper
 83 100
 85 69.3 45.6 84.6

