

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072118\
 Data File : VU025582.D
 Acq On : 21 Jul 2018 14:03
 Operator : MD/SY
 Sample : J4097-23
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 23 01:13:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 23 01:10:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	335827	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	315003	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	158634	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	84126	43.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.76%
7) Chloroethane-d5	1.68	69	71523	45.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.46%
11) 1,1-Dichloroethene-d2	2.27	63	138491	34.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.40%
21) 2-Butanone-d5	4.18	46	142749	96.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.44%
24) Chloroform-d	4.65	84	198629	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.02%
26) 1,2-Dichloroethane-d4	5.31	65	137875	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.64%
32) Benzene-d6	5.35	84	389961	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.54%
36) 1,2-Dichloropropane-d6	6.34	67	124608	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.74%
41) Toluene-d8	7.57	98	369455	47.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.38%
43) trans-1,3-Dichloropropene-	7.85	79	60709	45.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.32%
47) 2-Hexanone-d5	8.31	63	103408	94.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.87%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	167577	46.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	158514	49.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

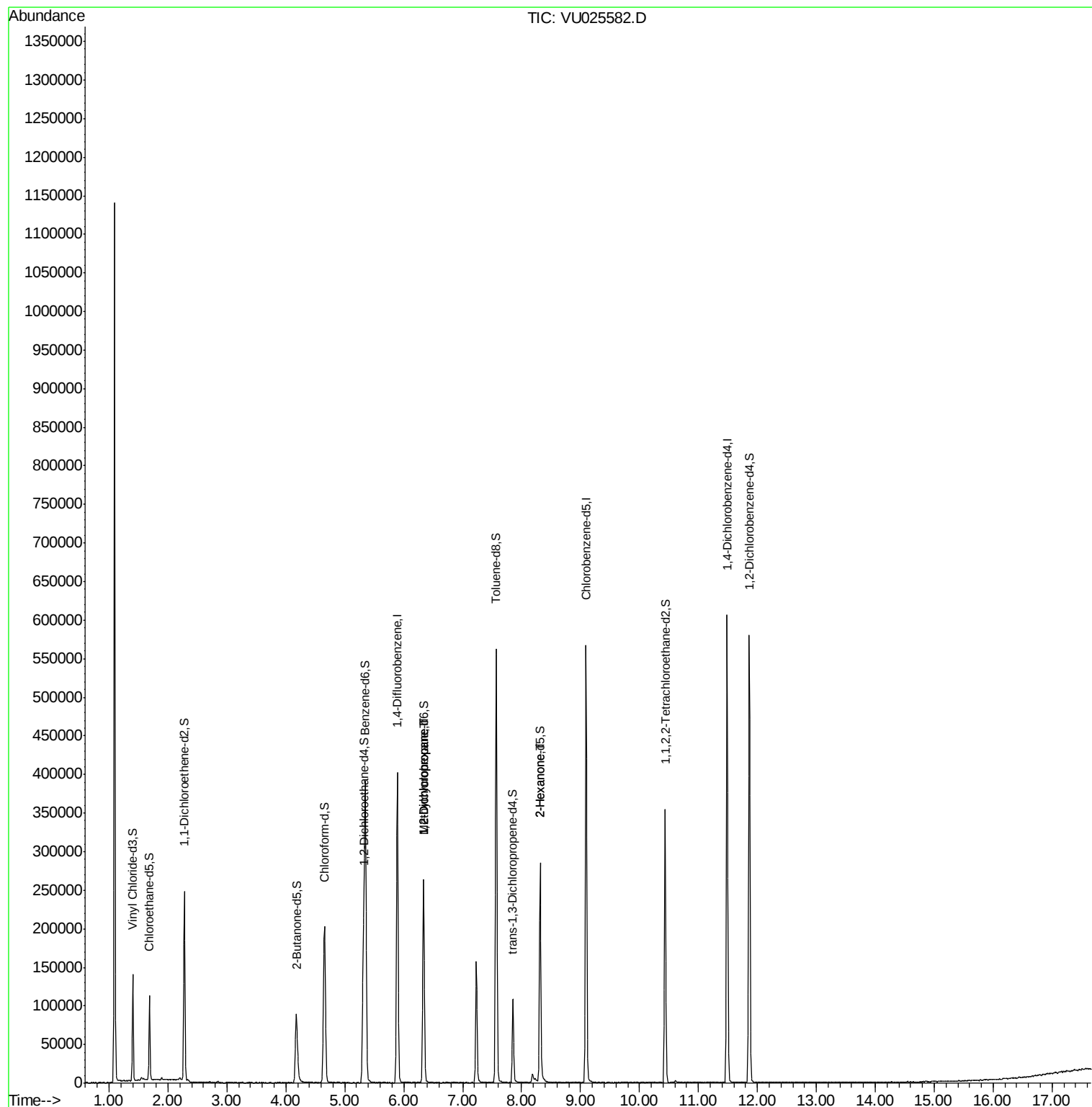
					Ovalue
35) Methylcyclohexane	6.34	83	30052	7.761 ug/L #	19
37) 1,2-Dichloropropane	6.34	63	14458	5.846 ug/L #	88
48) 2-Hexanone	8.31	43	12099	4.408 ug/L #	67

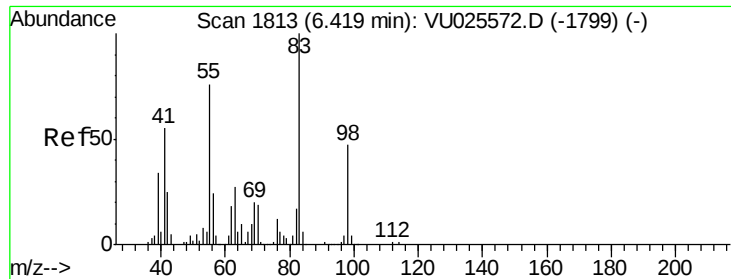
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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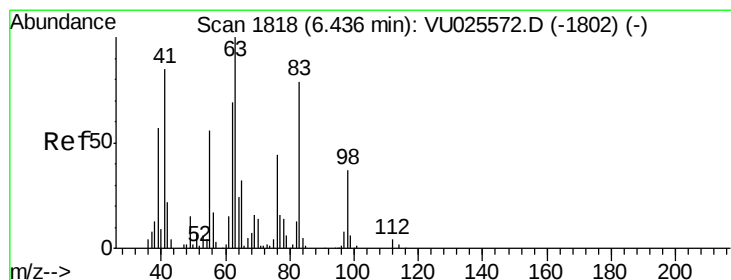
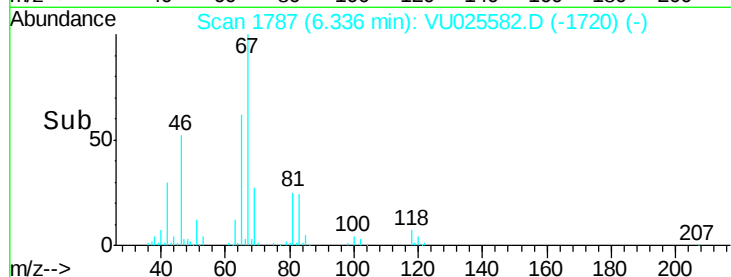
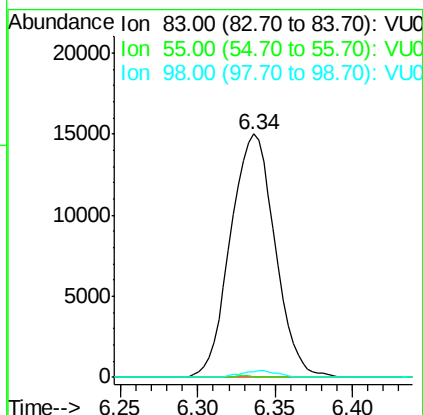
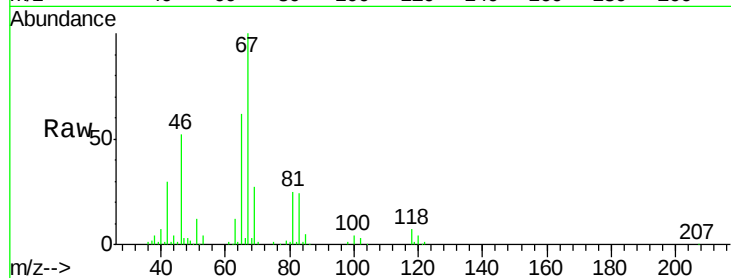




#35
Methvlcvclohexane
Concen: 7.761 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU025582.D
Acq: 21 Jul 2018 14:03

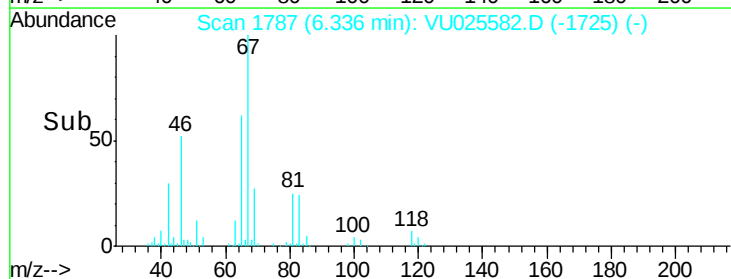
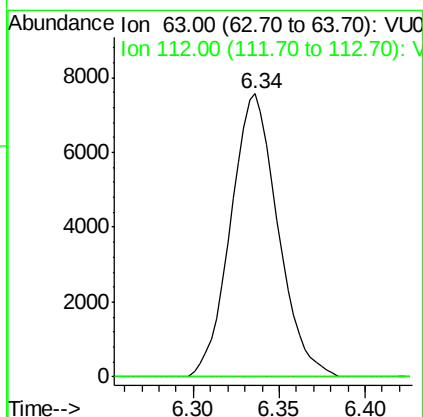
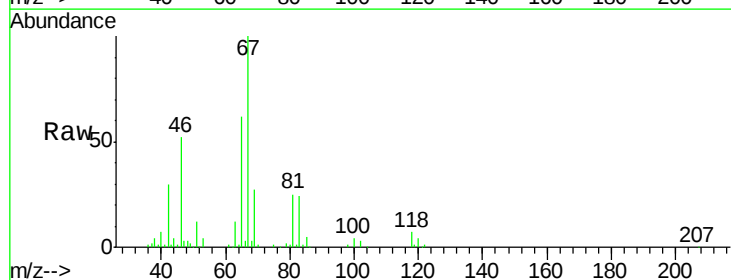
Instrument :
MSVOA_U
ClientSampleId :

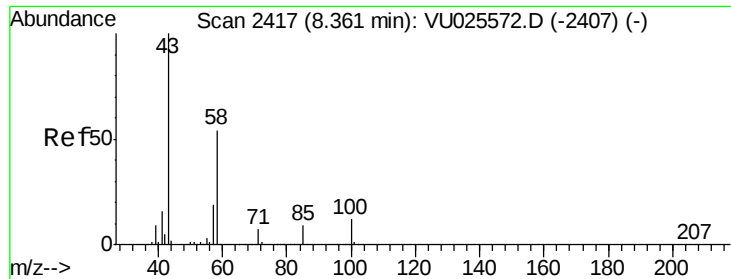
Tot Ion: 83 Resp: 30052
Ion Ratio Lower Upper
83 100
55 0.2 61.1 91.7#
98 2.2 38.6 57.8#



#37
1,2-Dichloropropane
Concen: 5.846 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU025582.D
Acq: 21 Jul 2018 14:03

Tgt Ion: 63 Resp: 14458
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#48

2-Hexanone

Concen: 4.408 ug/L

RT: 8.31 min Scan# 2401

Delta R.T. -0.05 min

Lab File: VU025582.D

Acq: 21 Jul 2018 14:03

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 12099

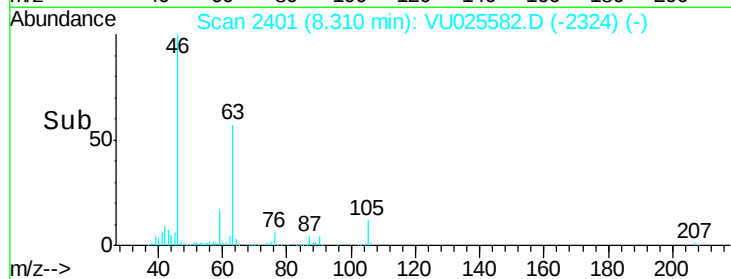
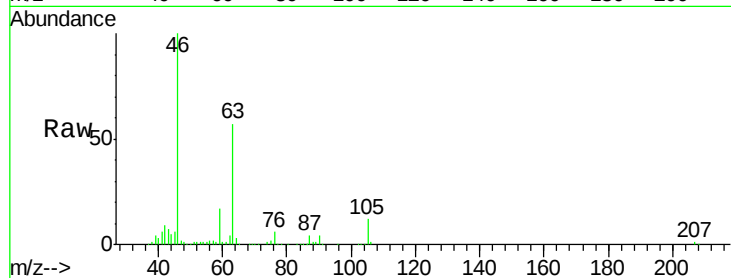
Ion Ratio Lower Upper

43 100

58 23.2 42.9 64.3#

57 23.5 15.4 23.2#

100 0.0 9.6 14.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

