

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071818\
 Data File : VU025494.D
 Acq On : 18 Jul 2018 14:05
 Operator : MD/SY
 Sample : J3986-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 19 01:09:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 19 01:07:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	342199	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	307950	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	148971	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	68498	42.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.90%
7) Chloroethane-d5	1.68	69	64838	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.32%
11) 1,1-Dichloroethene-d2	2.27	63	117385	33.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.26%
21) 2-Butanone-d5	4.18	46	140862	82.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.03%
24) Chloroform-d	4.65	84	191480	45.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.48%
26) 1,2-Dichloroethane-d4	5.31	65	132680	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.14%
32) Benzene-d6	5.35	84	361746	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.22%
36) 1,2-Dichloropropane-d6	6.33	67	120567	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.84%
41) Toluene-d8	7.57	98	341181	47.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.72%
43) trans-1,3-Dichloropropene-	7.85	79	57813	45.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.12%
47) 2-Hexanone-d5	8.31	63	102616	80.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.31%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	159871	43.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	143503	48.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.14%

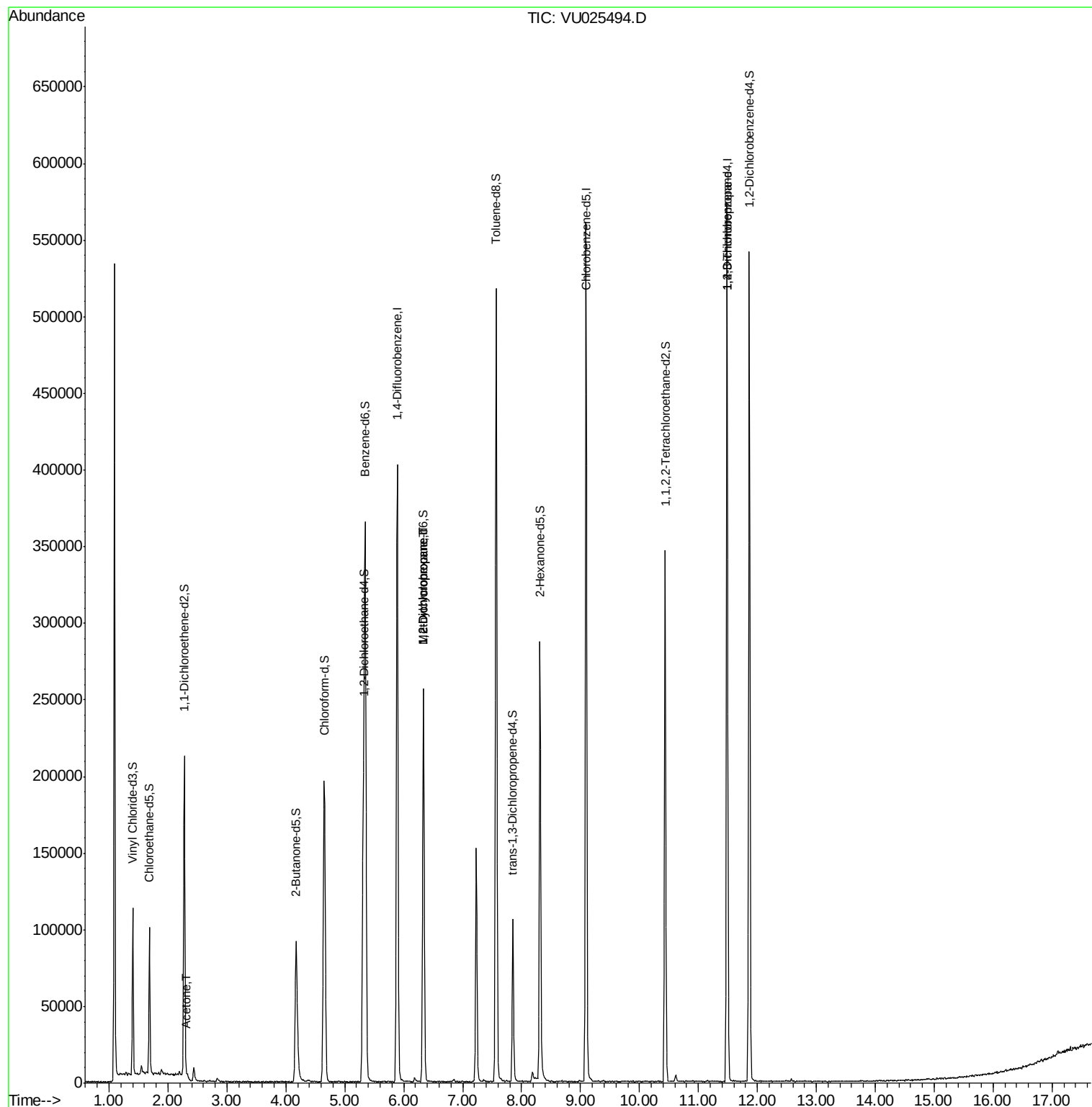
Target Compounds

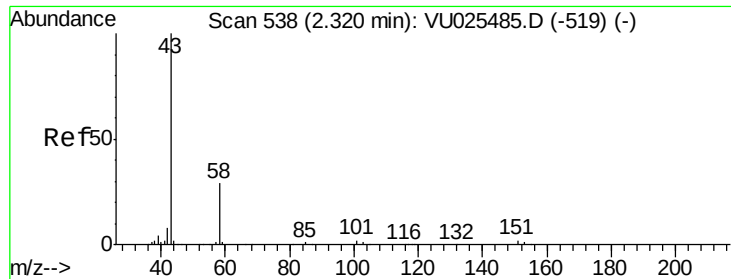
					Qvalue
13) Acetone	2.32	43	2740	1.827 ug/L	94
35) Methylcyclohexane	6.33	83	30247	8.261 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	14330	5.702 ug/L #	88
59) 1,2,3-Trichloropropane	11.49	75	16403	4.908 ug/L #	82

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

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#13

Acetone

Concen: 1.827 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025494.D

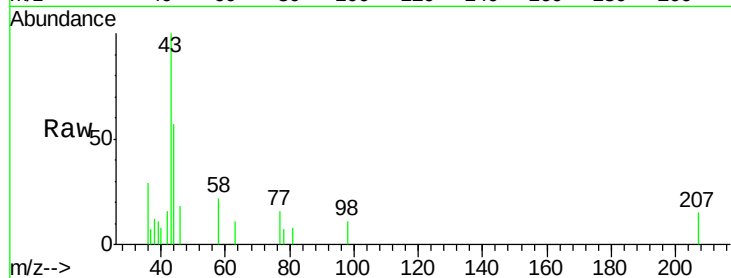
Acq: 18 Jul 2018 14:05

Tgt Ion: 43 Resp: 2740

Ion Ratio Lower Upper

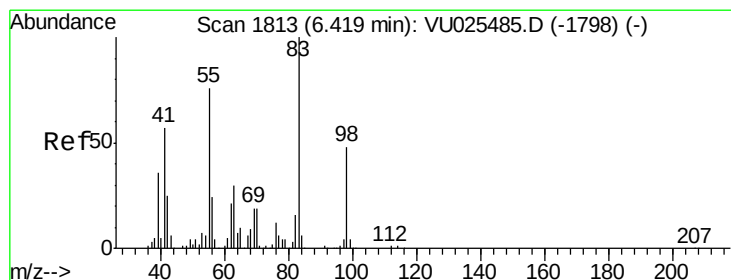
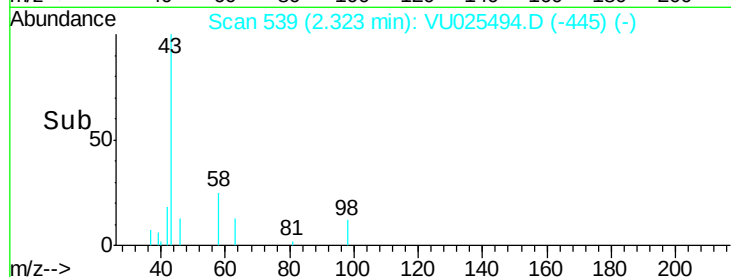
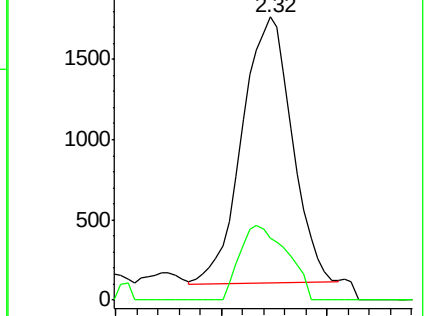
43 100

58 26.4 0.0 59.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#35

Methylcyclohexane

Concen: 8.261 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.09 min

Lab File: VU025494.D

Acq: 18 Jul 2018 14:05

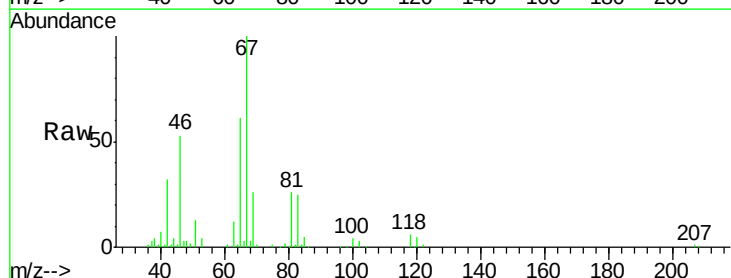
Tgt Ion: 83 Resp: 30247

Ion Ratio Lower Upper

83 100

55 0.2 61.8 92.8#

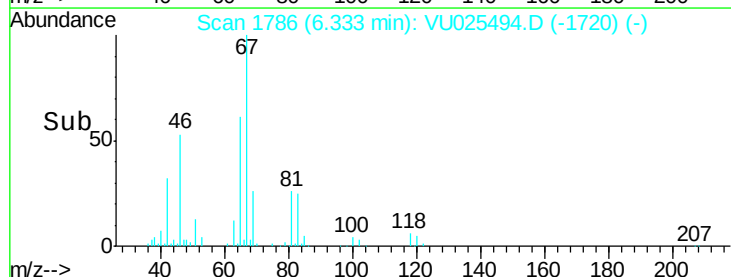
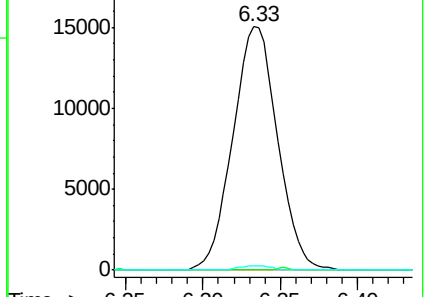
98 1.1 38.7 58.1#

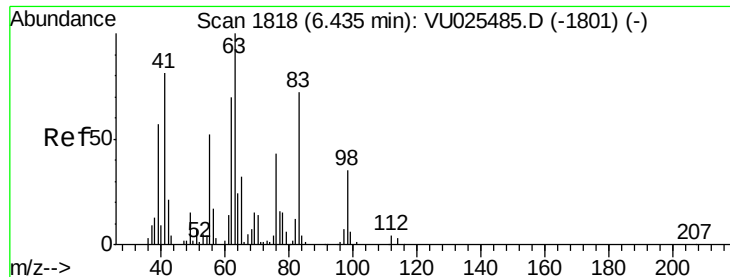


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

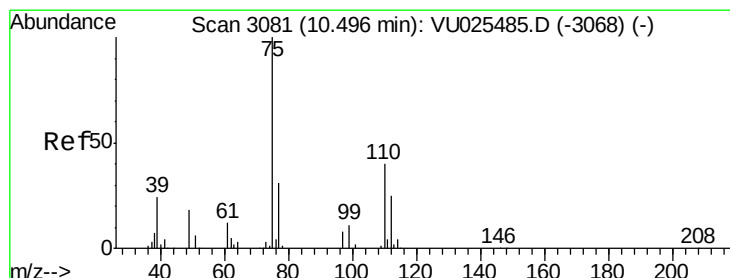
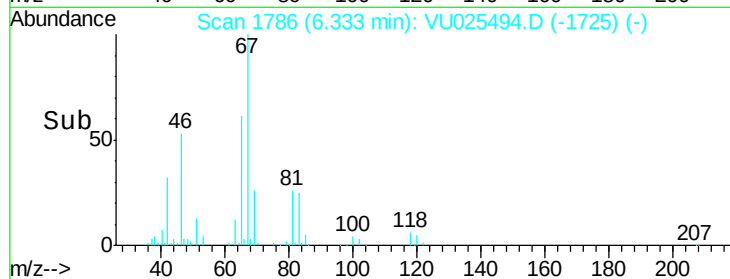
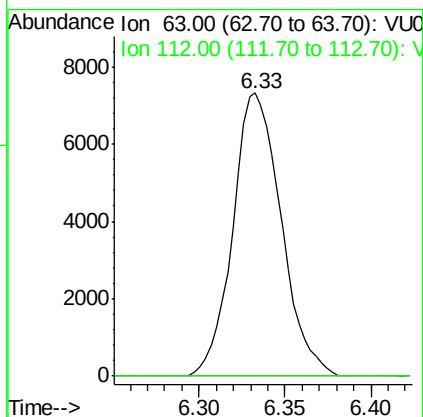
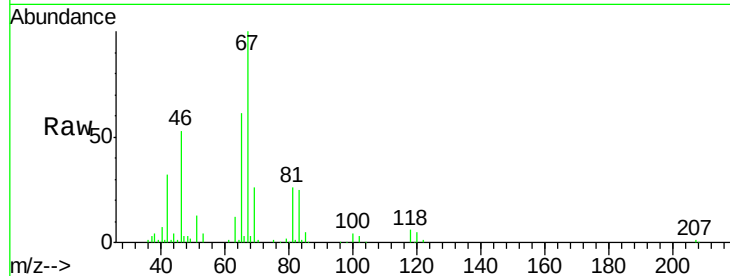
Ion 98.00 (97.70 to 98.70): VU0





#37
 1,2-Dichloropropane
 Concen: 5.702 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU025494.D
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Tgt Ion: 63 Resp: 14330
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.908 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU025494.D
 Acq: 18 Jul 2018 14:05

Tgt Ion: 75 Resp: 16403
 Ion Ratio Lower Upper
 75 100
 77 43.1 26.2 39.2#

