

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071818\
 Data File : VU025490.D
 Acq On : 18 Jul 2018 12:04
 Operator : MD/SY
 Sample : J4024-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 19 01:08:35 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	310250	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	283981	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	136912	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	68740	46.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.96%
7) Chloroethane-d5	1.68	69	65734	52.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.48%
11) 1,1-Dichloroethene-d2	2.28	63	125335	39.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.02%
21) 2-Butanone-d5	4.18	46	141893	91.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.14%
24) Chloroform-d	4.65	84	193167	50.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.31	65	133247	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.18%
32) Benzene-d6	5.35	84	370336	53.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.92%
36) 1,2-Dichloropropane-d6	6.34	67	121762	53.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.16%
41) Toluene-d8	7.57	98	345751	52.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.10%
43) trans-1,3-Dichloropropene-	7.85	79	58569	49.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.02%
47) 2-Hexanone-d5	8.31	63	102170	86.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.71%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	165054	48.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	146006	53.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.44%

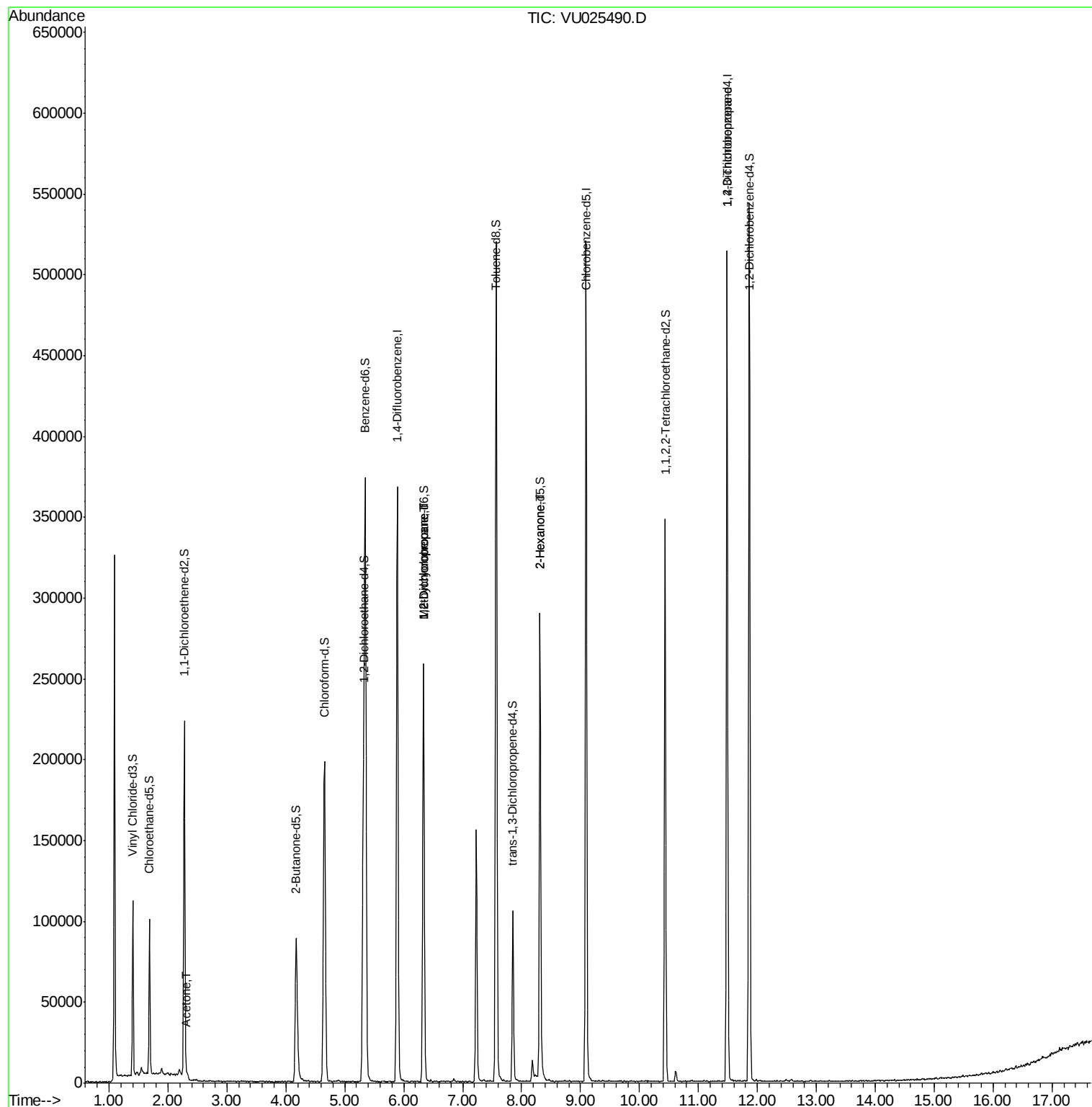
Target Compounds

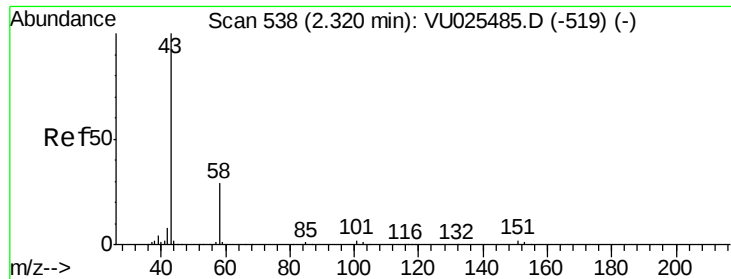
					Qvalue
13) Acetone	2.32	43	3619	2.662 ug/L	86
35) Methylcyclohexane	6.33	83	29713	8.800 ug/L #	18
37) 1,2-Dichloropropane	6.34	63	13541	5.843 ug/L #	88
48) 2-Hexanone	8.31	43	12132	4.518 ug/L #	69
59) 1,2,3-Trichloropropane	11.49	75	14482	4.699 ug/L #	78

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

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#13

Acetone

Concen: 2.662 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU025490.D

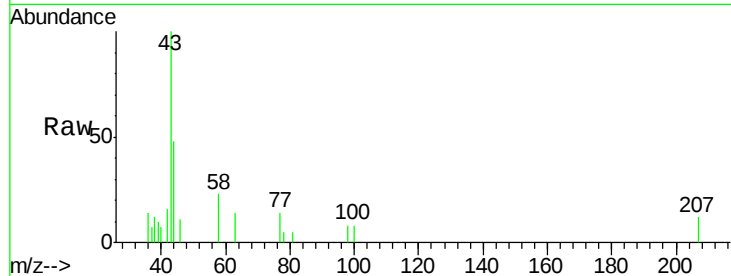
Acq: 18 Jul 2018 12:04

Tgt Ion: 43 Resp: 3619

Ion Ratio Lower Upper

43 100

58 21.9 0.0 59.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2500

2000

1500

1000

500

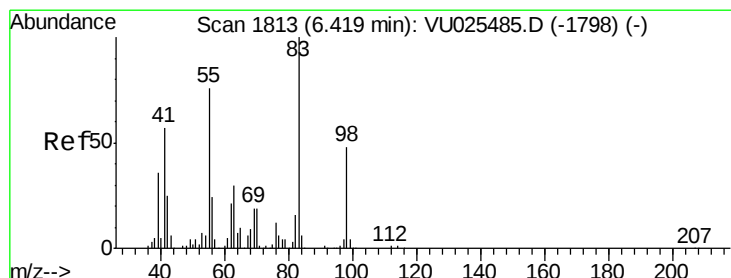
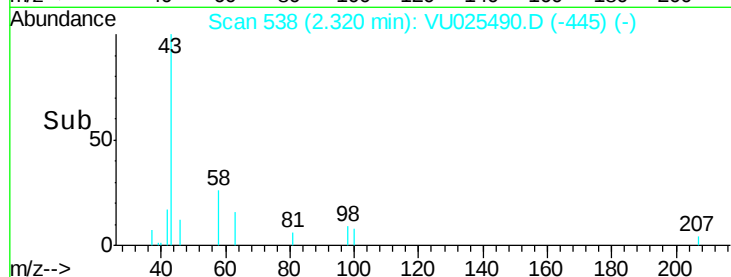
0

2.30

2.32

2.35

Time-->



#35

Methylcyclohexane

Concen: 8.800 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.09 min

Lab File: VU025490.D

Acq: 18 Jul 2018 12:04

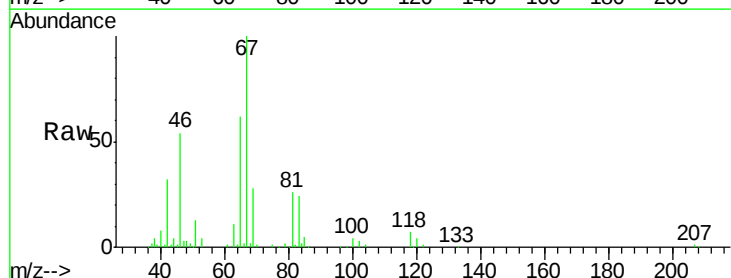
Tgt Ion: 83 Resp: 29713

Ion Ratio Lower Upper

83 100

55 0.3 61.8 92.8#

98 0.7 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

20000

15000

10000

5000

0

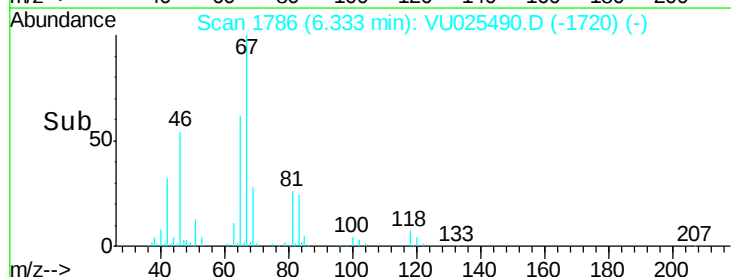
6.25

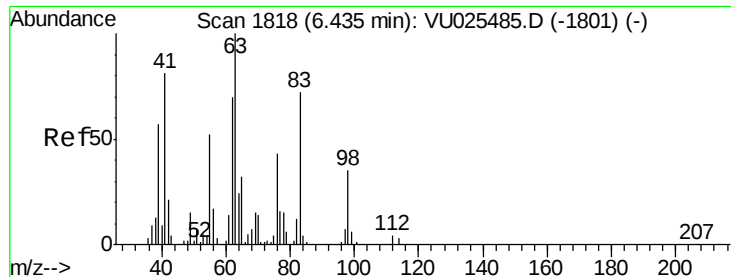
6.30

6.33

6.40

Time-->





#37

1,2-Dichloropropane

Concen: 5.843 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU025490.D

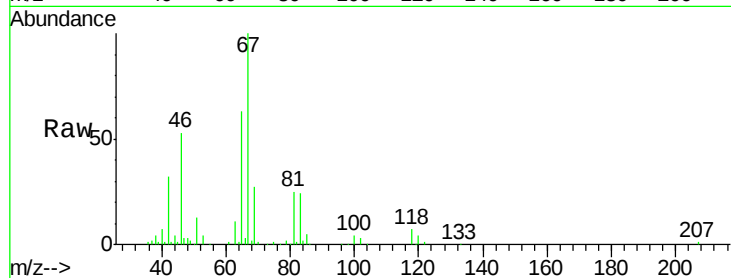
Acq: 18 Jul 2018 12:04

Tgt Ion: 63 Resp: 13541

Ion Ratio Lower Upper

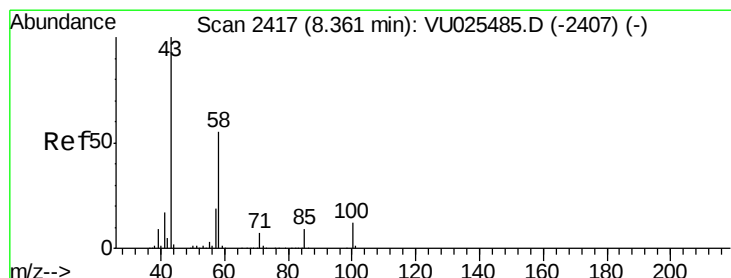
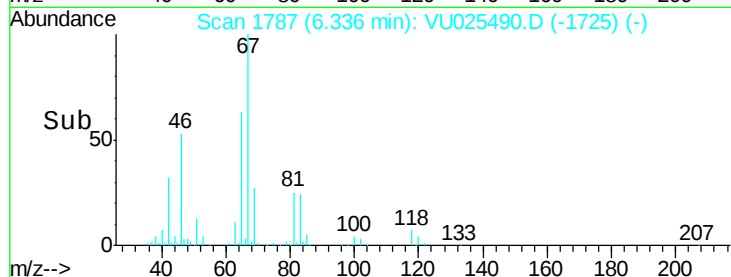
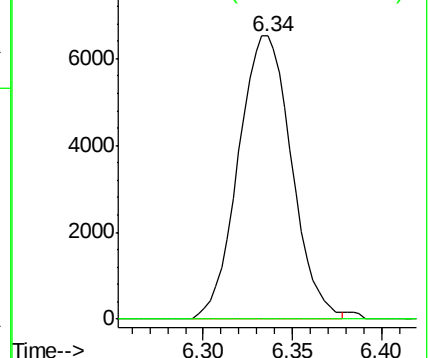
63 100

112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



#48

2-Hexanone

Concen: 4.518 ug/L

RT: 8.31 min Scan# 2401

Delta R.T. -0.05 min

Lab File: VU025490.D

Acq: 18 Jul 2018 12:04

Tgt Ion: 43 Resp: 12132

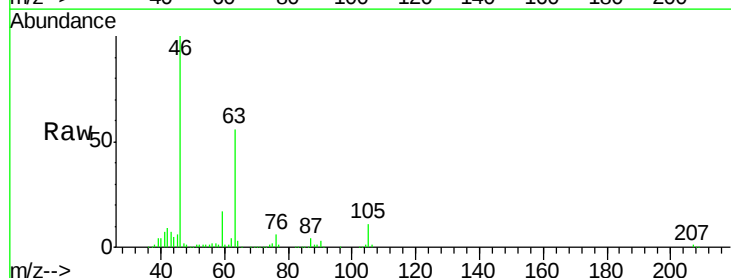
Ion Ratio Lower Upper

43 100

58 25.2 42.3 63.5#

57 23.3 15.6 23.4

100 0.0 9.3 13.9#

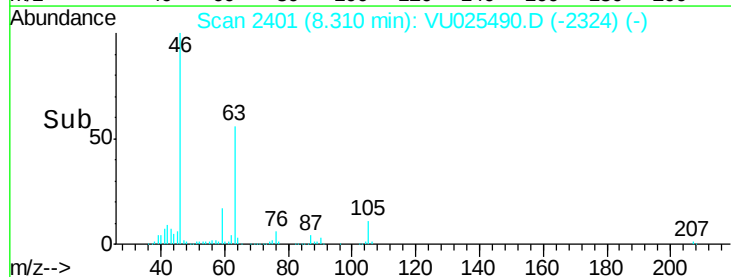
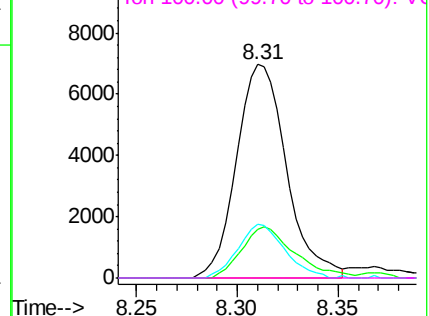


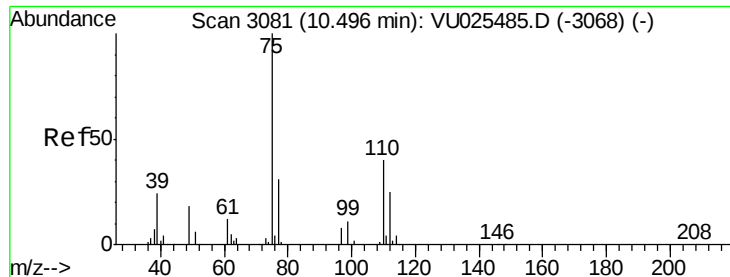
Abundance Ion 43.00 (42.70 to 43.70): VU0

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





#59

1,2,3-Trichloropropane

Concen: 4.699 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025490.D

Acq: 18 Jul 2018 12:04

Tgt Ion: 75 Resp: 14482

Ion Ratio Lower Upper

75 100

77 45.0 26.2 39.2#

