

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071718\
 Data File : VU025479.D
 Acq On : 18 Jul 2018 00:26
 Operator : MD/SY
 Sample : J4024-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB1R3

Quant Time: Jul 18 06:48:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 18 06:47:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	319271	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	287407	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	130479	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65484	43.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.98%
7) Chloroethane-d5	1.68	69	59868	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.34%
11) 1,1-Dichloroethene-d2	2.27	63	112649	34.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.14%
21) 2-Butanone-d5	4.18	46	151336	94.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.46%
24) Chloroform-d	4.65	84	182481	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.44%
26) 1,2-Dichloroethane-d4	5.31	65	128408	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
32) Benzene-d6	5.35	84	342507	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.62%
36) 1,2-Dichloropropane-d6	6.34	67	113862	49.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.00%
41) Toluene-d8	7.57	98	314542	46.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.58%
43) trans-1,3-Dichloropropene-	7.85	79	54063	45.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.30%
47) 2-Hexanone-d5	8.31	63	107624	90.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.26%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	159875	46.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	133095	50.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

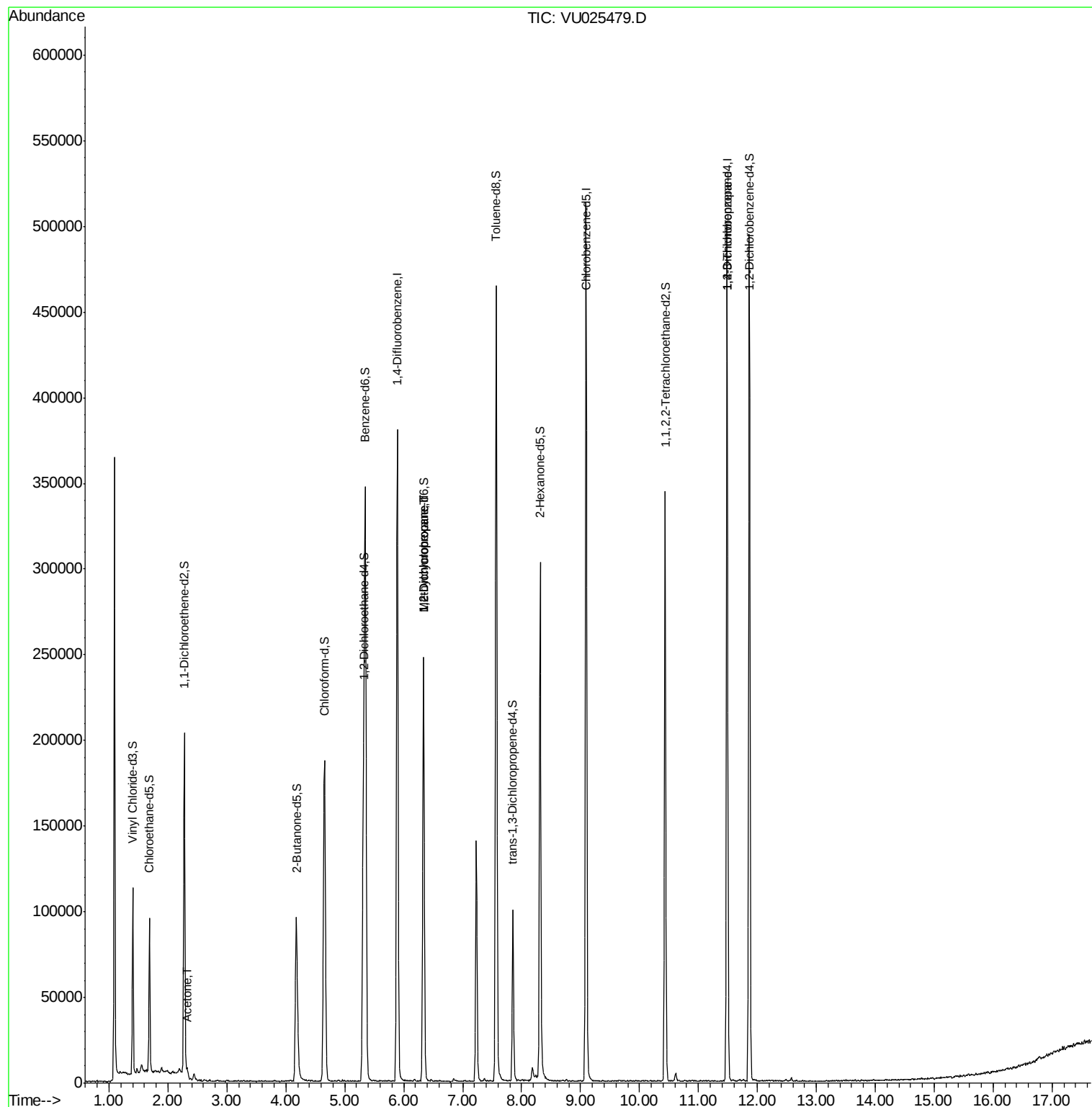
					Qvalue
13) Acetone	2.32	43	6984	4.992 ug/L	93
35) Methylcyclohexane	6.34	83	28138	8.234 ug/L #	18
37) 1,2-Dichloropropane	6.34	63	13176	5.617 ug/L #	88
59) 1,2,3-Trichloropropane	11.49	75	13526	4.336 ug/L #	81

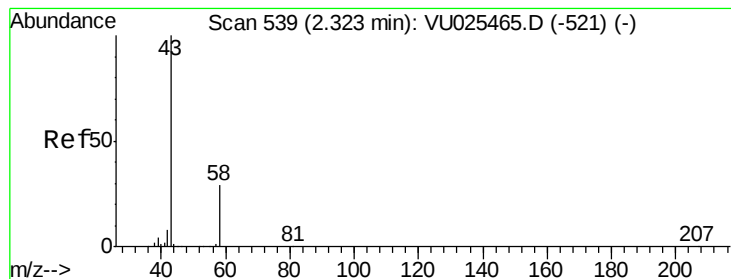
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.992 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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Acq: 18 Jul 2018 00:26

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ClientSampleId :

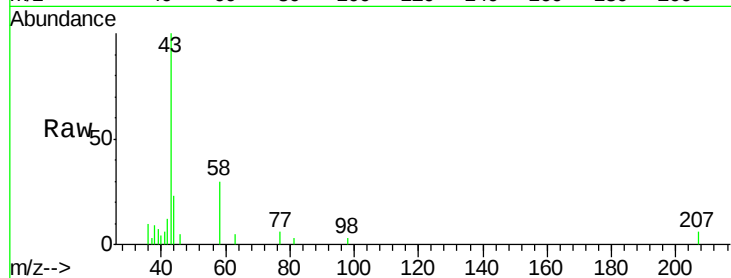
DB1R3

Tgt Ion: 43 Resp: 6984

Ion Ratio Lower Upper

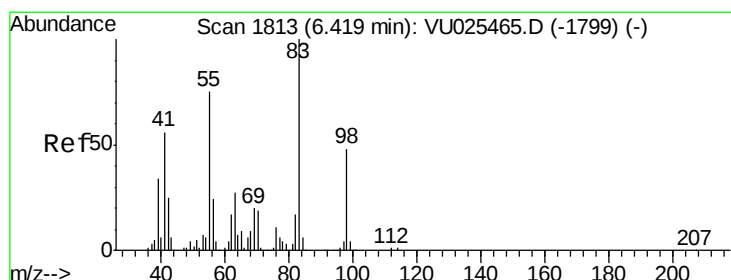
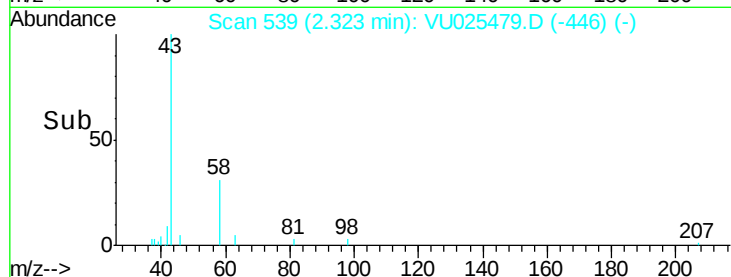
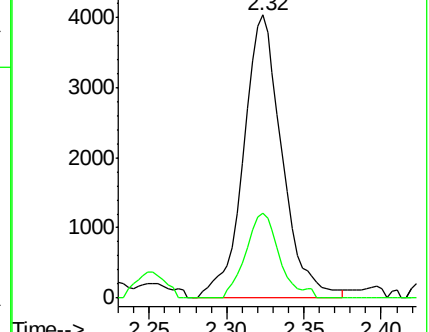
43 100

58 25.6 0.0 59.0



Abundance Ion 43.00 (42.70 to 43.70): VU025465.D (-521) (-)

Ion 58.00 (57.70 to 58.70): VU025465.D (-521) (-)



#35

Methylcyclohexane

Concen: 8.234 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

Lab File: VU025479.D

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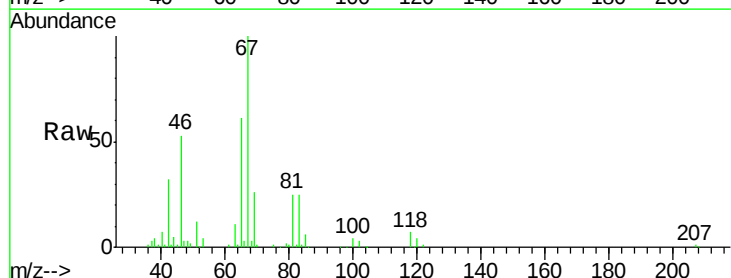
Tgt Ion: 83 Resp: 28138

Ion Ratio Lower Upper

83 100

55 0.2 61.8 92.8#

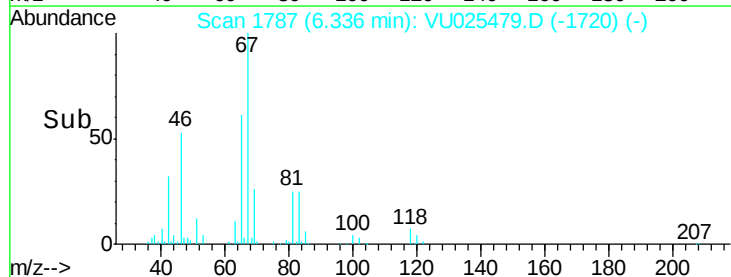
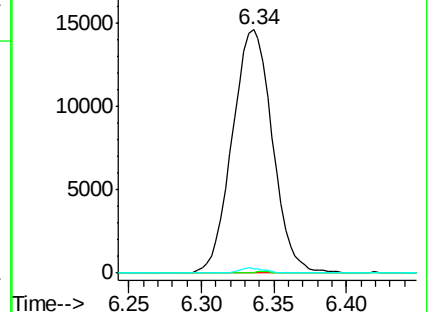
98 1.3 38.7 58.1#

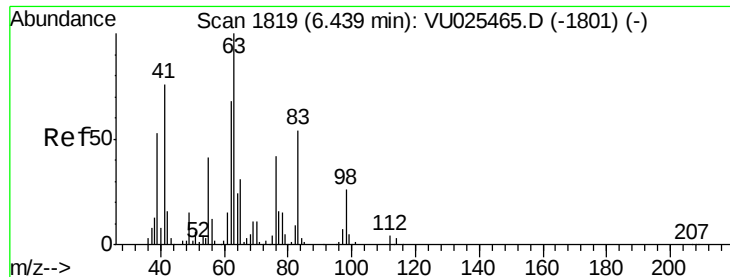


Abundance Ion 83.00 (82.70 to 83.70): VU025465.D (-1799) (-)

Ion 55.00 (54.70 to 55.70): VU025465.D (-1799) (-)

Ion 98.00 (97.70 to 98.70): VU025465.D (-1799) (-)





#37

1,2-Dichloropropane

Concen: 5.617 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

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MSVOA_U

ClientSampleId :

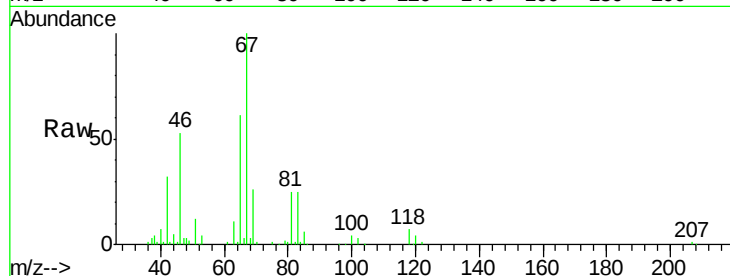
DB1R3

Tgt Ion: 63 Resp: 13176

Ion Ratio Lower Upper

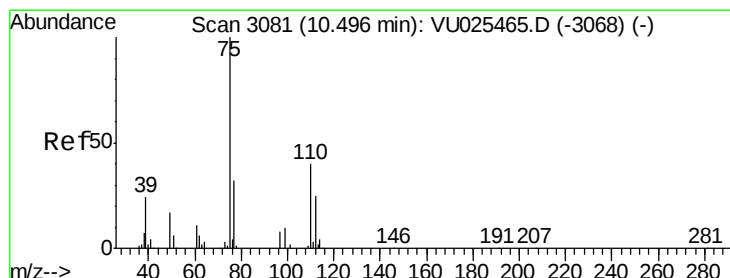
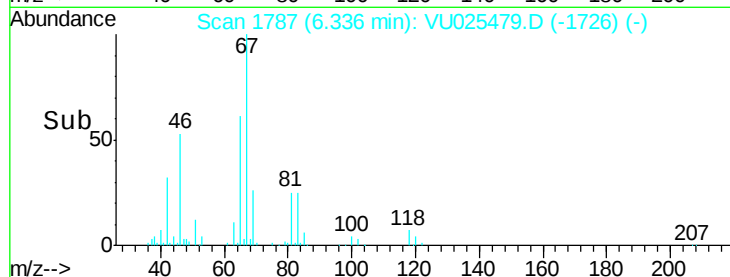
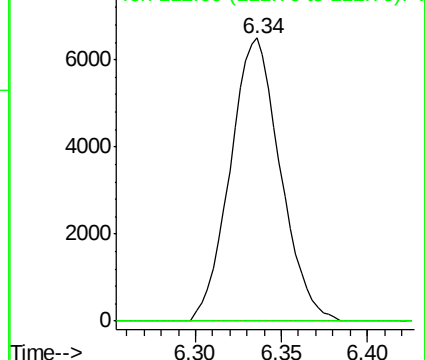
63 100

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



#59

1,2,3-Trichloropropane

Concen: 4.336 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025479.D

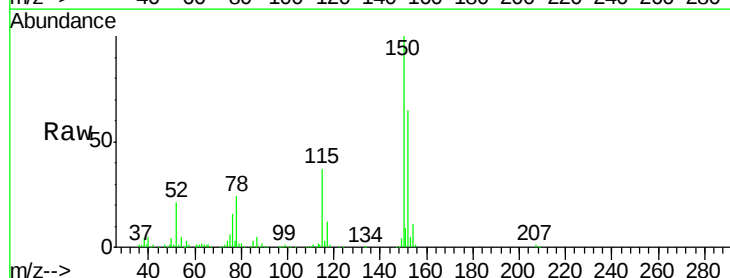
Acq: 18 Jul 2018 00:26

Tgt Ion: 75 Resp: 13526

Ion Ratio Lower Upper

75 100

77 43.6 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

