

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080218\
 Data File : VU025802.D
 Acq On : 02 Aug 2018 19:14
 Operator : MD/SY
 Sample : J4265-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB1

Quant Time: Aug 03 05:48:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 05:43:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	313550	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	297516	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	150499	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79192	44.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.48%
7) Chloroethane-d5	1.68	69	64345	43.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.16%
11) 1,1-Dichloroethene-d2	2.27	63	121222	32.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.06%
21) 2-Butanone-d5	4.18	46	139059	100.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.63%
24) Chloroform-d	4.65	84	170878	42.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.72%
26) 1,2-Dichloroethane-d4	5.31	65	118555	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.92%
32) Benzene-d6	5.35	84	337046	44.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.34%
36) 1,2-Dichloropropane-d6	6.34	67	108687	44.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.42%
41) Toluene-d8	7.57	98	323932	44.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.54%
43) trans-1,3-Dichloropropene-	7.85	79	55519	44.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.42%
47) 2-Hexanone-d5	8.31	63	101680	98.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.77%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	148855	43.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	133935	43.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.82%

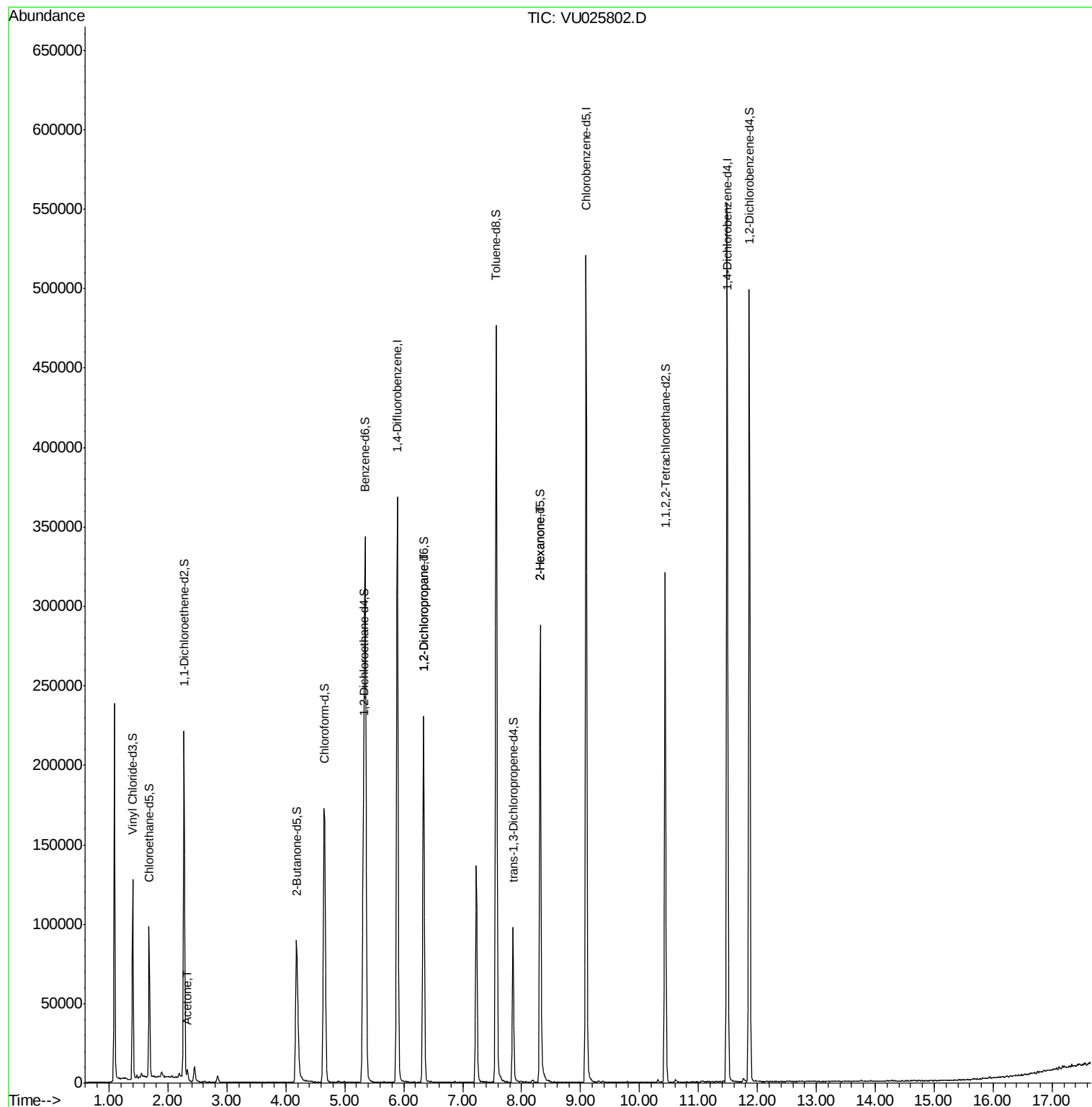
Target Compounds					Ovalue
13) Acetone	2.32	43	5595	3.45 ug/L	97
37) 1,2-Dichloropropane	6.33	63	12376	5.30 ug/L #	88
48) 2-Hexanone	8.31	43	12057	4.65 ug/L #	67

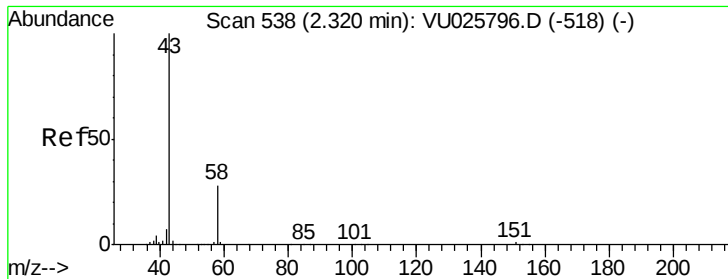
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.45 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025802.D

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Instrument :

MSVOA_U

ClientSampleId :

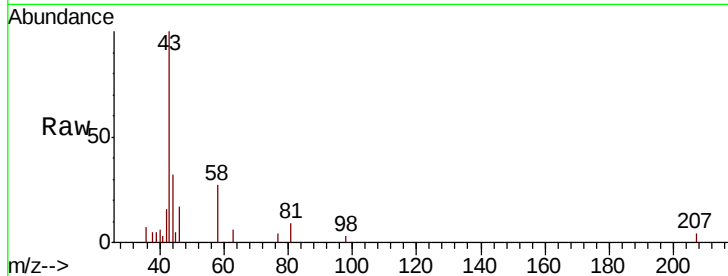
C0AB1

Tot Ion: 43 Resp: 5595

Ion Ratio Lower Upper

43 100

58 28.8 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU025802.D (-445) (-)

Ion 58.00 (57.70 to 58.70): VU025802.D (-445) (-)

2.32

3000

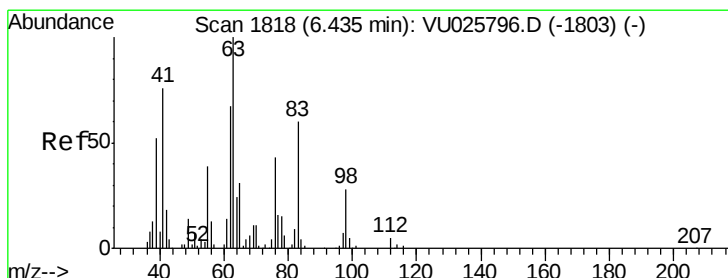
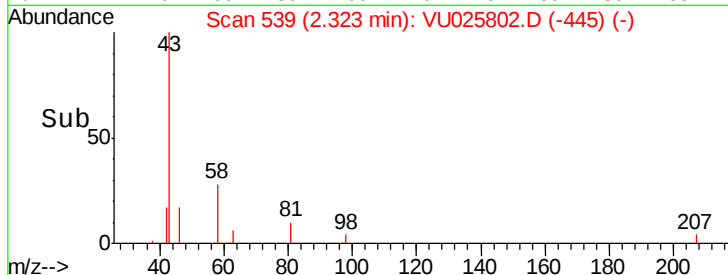
2000

1000

0

2.30 2.35

Time-->



#37

1,2-Dichloropropane

Concen: 5.30 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU025802.D

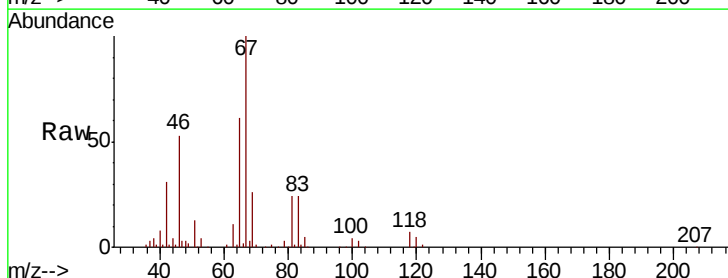
Acq: 02 Aug 2018 19:14

Tgt Ion: 63 Resp: 12376

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



Abundance Ion 63.00 (62.70 to 63.70): VU025802.D (-1725) (-)

Ion 112.00 (111.70 to 112.70): VU025802.D (-1725) (-)

6.33

6000

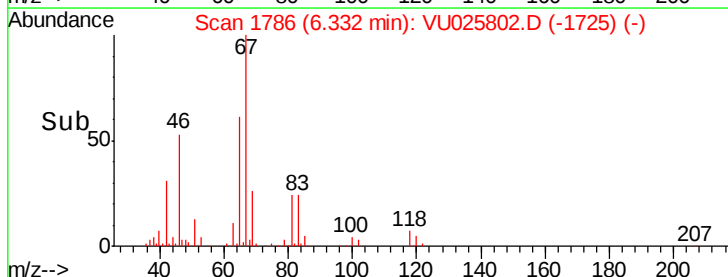
4000

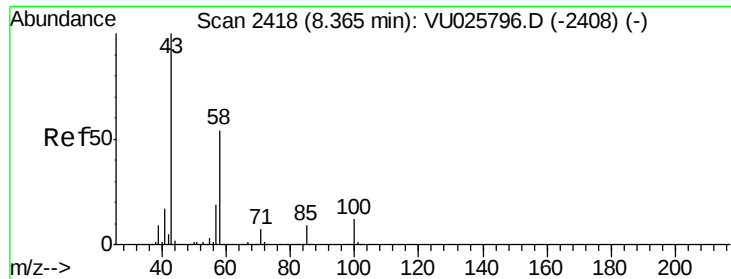
2000

0

6.30 6.35 6.40

Time-->





#48

2-Hexanone

Concen: 4.65 ug/L

RT: 8.31 min Scan# 2402

Delta R.T. -0.05 min

Lab File: VU025802.D

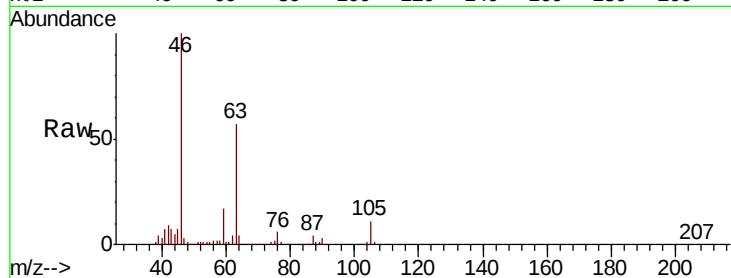
Acq: 02 Aug 2018 19:14

Instrument :

MSVOA_U

ClientSampleId :

C0AB1



Tot Ion: 43 Resp: 12057

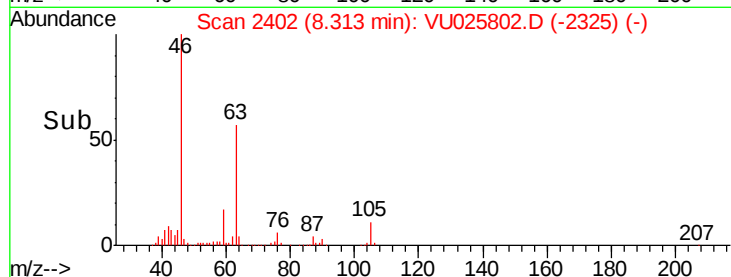
Ion Ratio Lower Upper

43 100

58 24.4 42.9 64.3#

57 24.7 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

