

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072118\
 Data File : VU025592.D
 Acq On : 21 Jul 2018 18:19
 Operator : MD/SY
 Sample : J4040-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 23 01:14:12 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	317064	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	296949	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	151003	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	72921	40.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.58%
7) Chloroethane-d5	1.68	69	63754	42.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.27	63	119190	31.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.26%
21) 2-Butanone-d5	4.18	46	137539	98.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.42%
24) Chloroform-d	4.65	84	177853	44.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.22%
26) 1,2-Dichloroethane-d4	5.31	65	122737	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.06%
32) Benzene-d6	5.35	84	347364	45.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.22%
36) 1,2-Dichloropropane-d6	6.34	67	114812	46.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.58%
41) Toluene-d8	7.57	98	329161	45.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.14%
43) trans-1,3-Dichloropropene-	7.85	79	55172	44.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.04%
47) 2-Hexanone-d5	8.31	63	97732	95.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.12%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	155365	45.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	144421	47.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.38%

Target Compounds

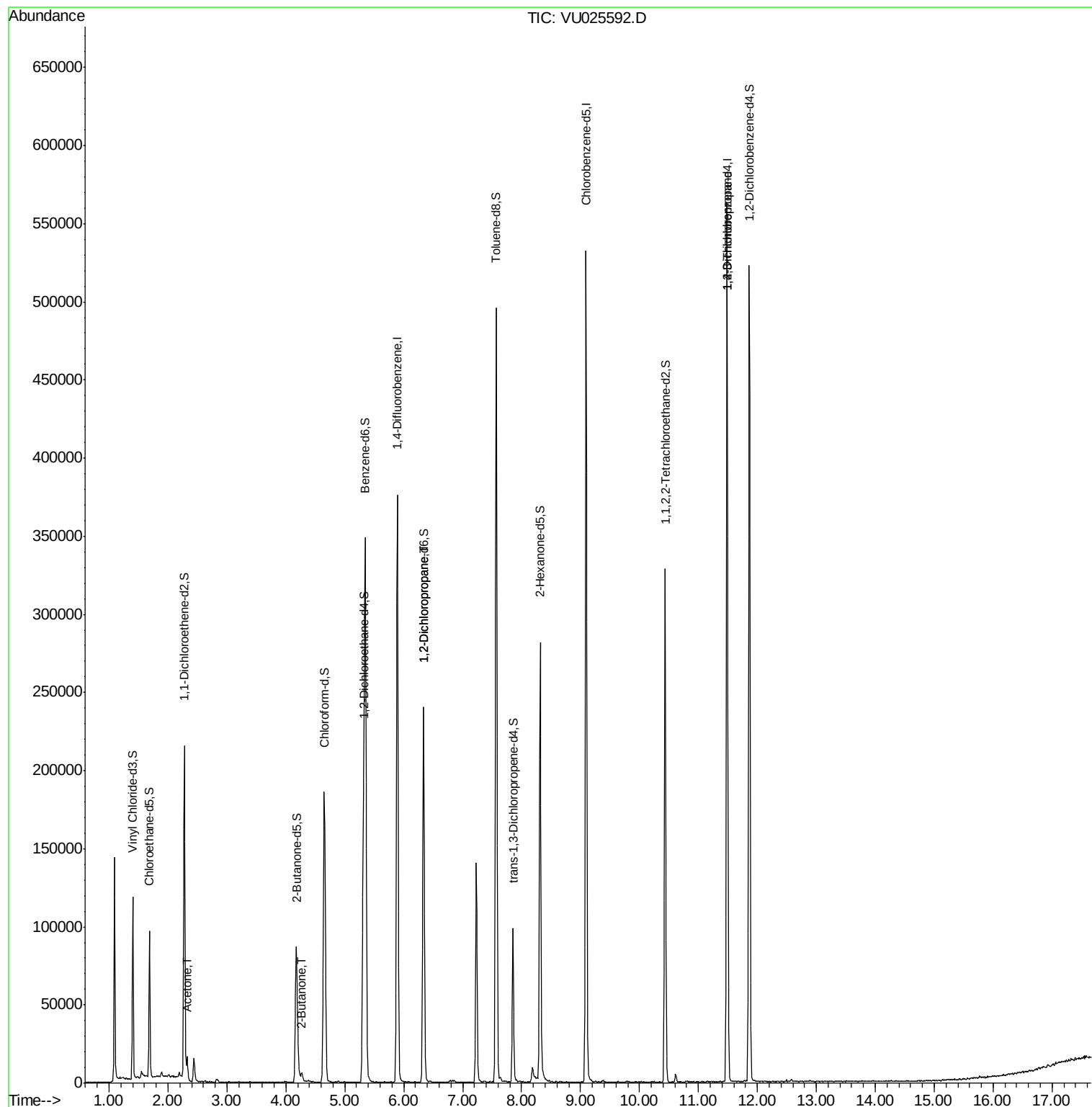
					Ovalue
13) Acetone	2.32	43	14457	8.814	ug/L 100
22) 2-Butanone	4.27	43	6902	3.780	ug/L 100
37) 1,2-Dichloropropane	6.33	63	13259	5.687	ug/L # 88
59) 1,2,3-Trichloropropane	11.49	75	15881	5.799	ug/L # 84

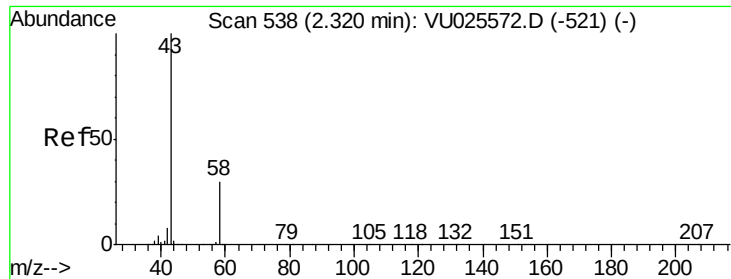
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.814 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025592.D

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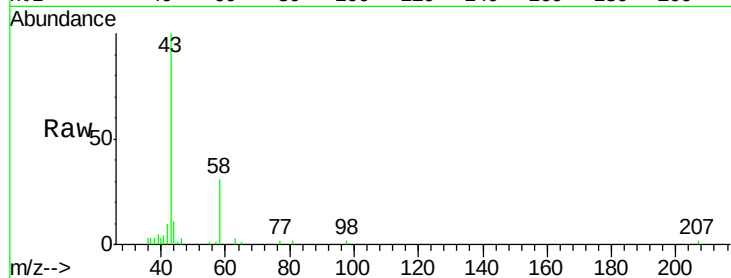
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 14457

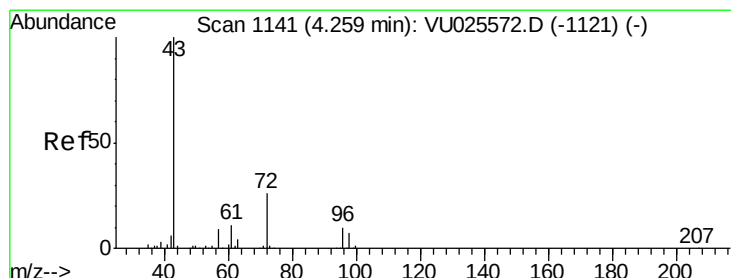
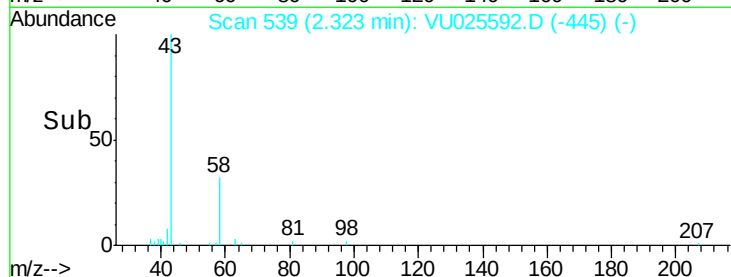
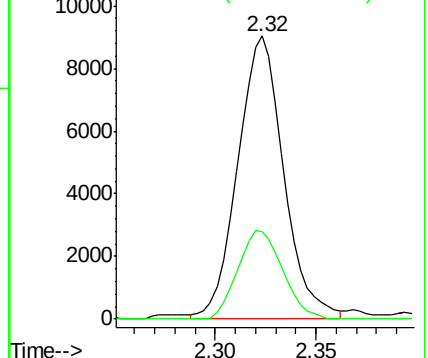
Ion Ratio Lower Upper

43 100

58 30.5 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0



#22

2-Butanone

Concen: 3.780 ug/L

RT: 4.27 min Scan# 1146

Delta R.T. 0.02 min

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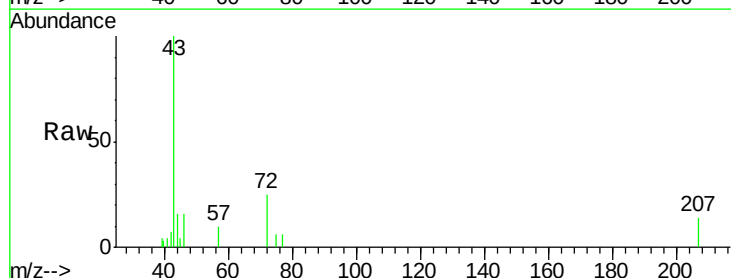
Acq: 21 Jul 2018 18:19

Tgt Ion: 43 Resp: 6902

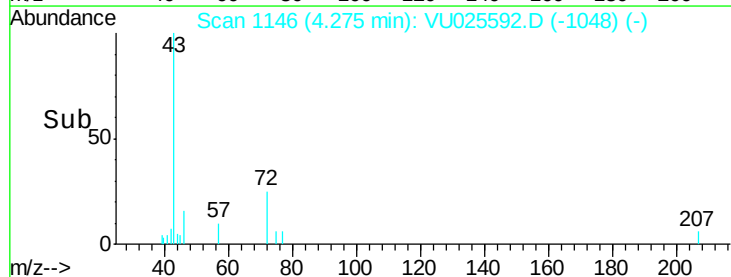
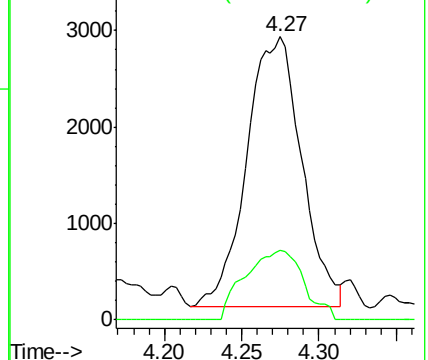
Ion Ratio Lower Upper

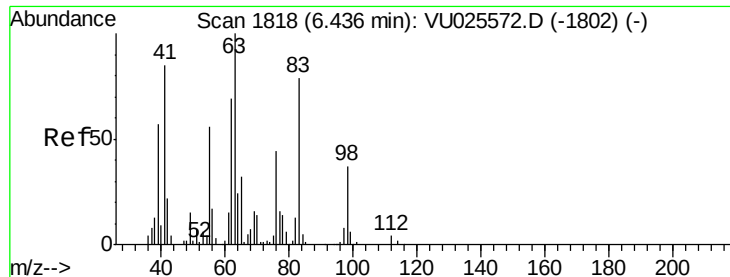
43 100

72 27.4 13.6 40.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 72.00 (71.70 to 72.70): VU0

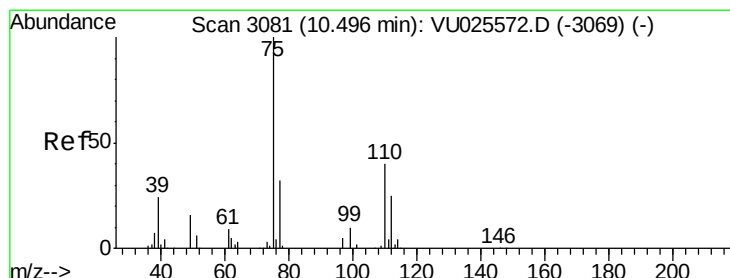
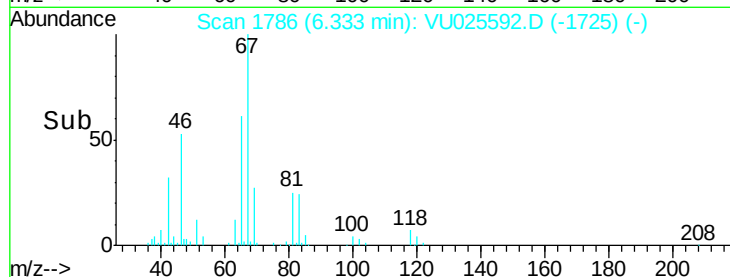
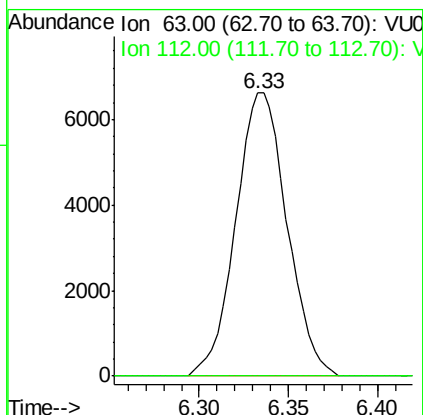
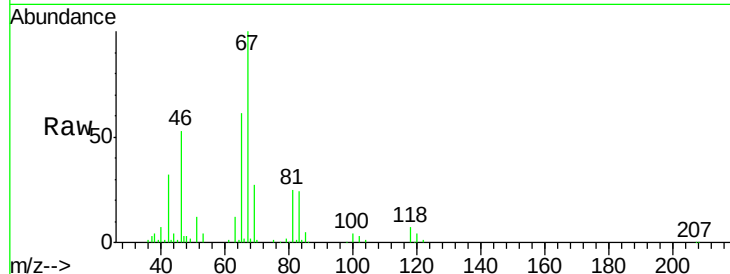




#37
 1,2-Dichloropropane
 Concen: 5.687 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU025592.D
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Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 63 Resp: 13259
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#59
 1,2,3-Trichloropropane
 Concen: 5.799 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU025592.D
 Acq: 21 Jul 2018 18:19

Tgt Ion: 75 Resp: 15881
 Ion Ratio Lower Upper
 75 100
 77 41.1 25.8 38.8#

