

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\
 Data File : VU025541.D
 Acq On : 20 Jul 2018 15:01
 Operator : MD/SY
 Sample : J4039-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 21 01:30:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 01:28:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	332953	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	295180	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	132188	50.00	ug/L	0.00

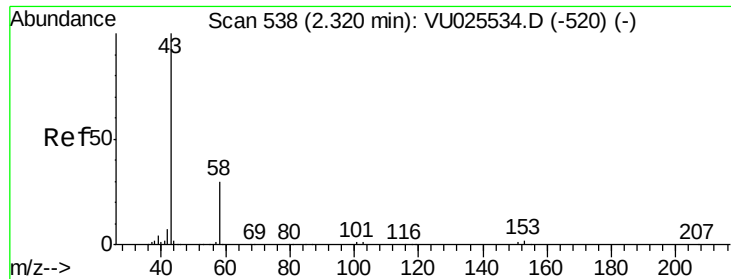
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53442	28.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	56.24%#
7) Chloroethane-d5	1.68	69	51821	33.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.10%#
11) 1,1-Dichloroethene-d2	2.27	63	95497	24.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.26%#
21) 2-Butanone-d5	4.17	46	151662	103.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.35%
24) Chloroform-d	4.65	84	167656	39.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.20%
26) 1,2-Dichloroethane-d4	5.31	65	116786	41.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.42%
32) Benzene-d6	5.35	84	306603	40.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.00%
36) 1,2-Dichloropropane-d6	6.34	67	106804	43.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.56%
41) Toluene-d8	7.57	98	280823	38.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.36%#
43) trans-1,3-Dichloropropene-	7.85	79	50021	40.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.30%
47) 2-Hexanone-d5	8.31	63	106755	104.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.52%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	155804	45.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	119290	44.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.06%

Target Compounds

					Ovalue
13) Acetone	2.32	43	5921	3.438 ug/L	100
37) 1,2-Dichloropropane	6.34	63	12068	5.207 ug/L #	88
59) 1,2,3-Trichloropropane	11.48	75	14181	5.209 ug/L #	82

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



#13

Acetone

Concen: 3.438 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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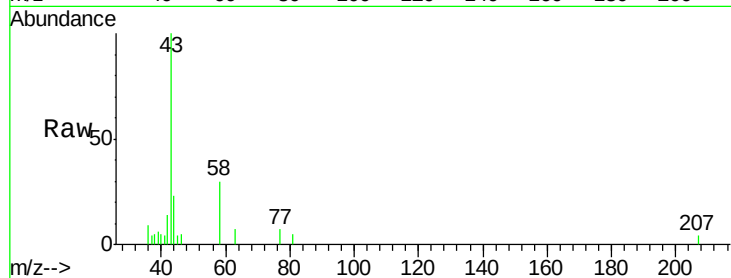
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 5921

Ion Ratio Lower Upper

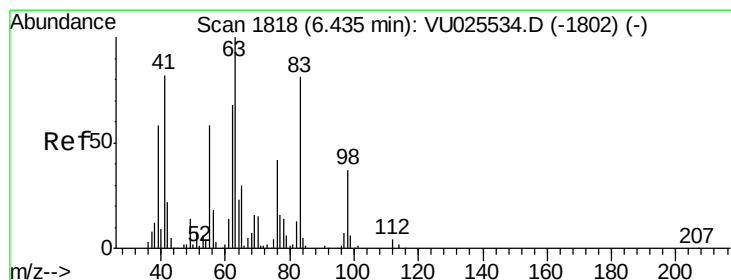
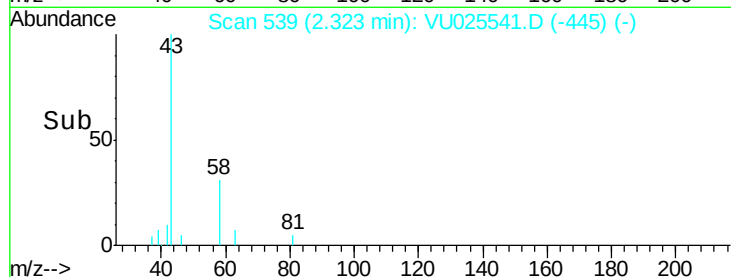
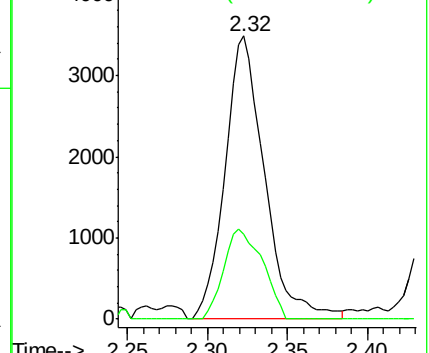
43 100

58 30.9 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#37

1,2-Dichloropropane

Concen: 5.207 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU025541.D

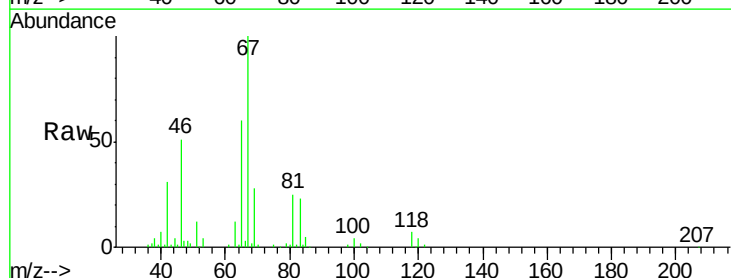
Acq: 20 Jul 2018 15:01

Tgt Ion: 63 Resp: 12068

Ion Ratio Lower Upper

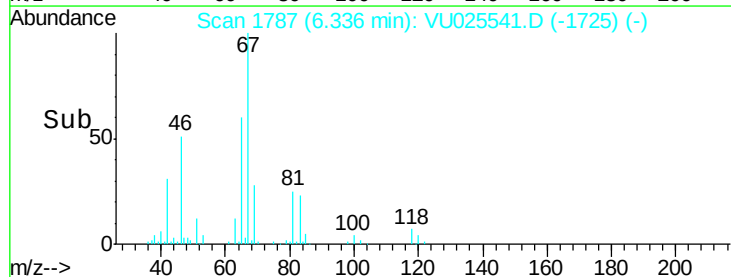
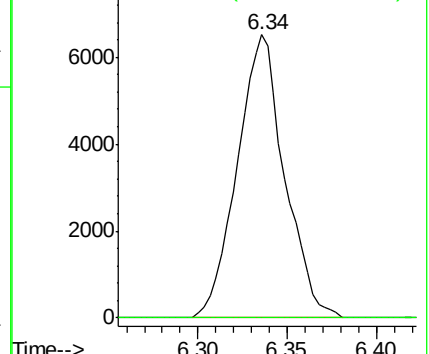
63 100

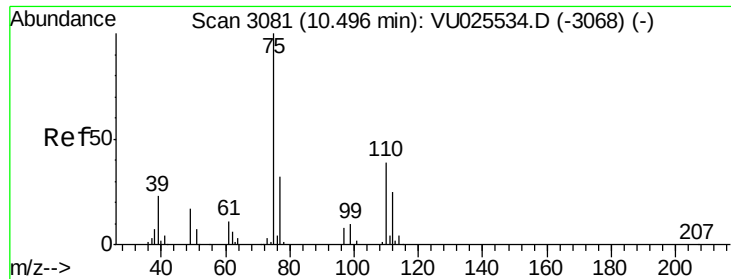
112 0.0 3.3 4.9#



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: 5.209 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU025541.D

Acq: 20 Jul 2018 15:01

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 14181

Ion Ratio Lower Upper

75 100

77 42.2 25.8 38.8#

