

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071718\
 Data File : VU025473.D
 Acq On : 17 Jul 2018 22:06
 Operator : MD/SY
 Sample : J4024-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB1P2

Quant Time: Jul 18 06:48:20 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	336177	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	303508	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	141066	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73888	46.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.22%
7) Chloroethane-d5	1.68	69	67032	49.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.26%
11) 1,1-Dichloroethene-d2	2.27	63	127358	36.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.18%
21) 2-Butanone-d5	4.18	46	153303	90.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.87%
24) Chloroform-d	4.65	84	195122	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.90%
26) 1,2-Dichloroethane-d4	5.31	65	135636	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.92%
32) Benzene-d6	5.35	84	373202	50.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.76%
36) 1,2-Dichloropropane-d6	6.34	67	123196	50.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.44%
41) Toluene-d8	7.57	98	351186	49.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.94%
43) trans-1,3-Dichloropropene-	7.85	79	57730	45.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.32%
47) 2-Hexanone-d5	8.31	63	110183	87.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.50%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	168338	46.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	144957	51.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.56%

Target Compounds

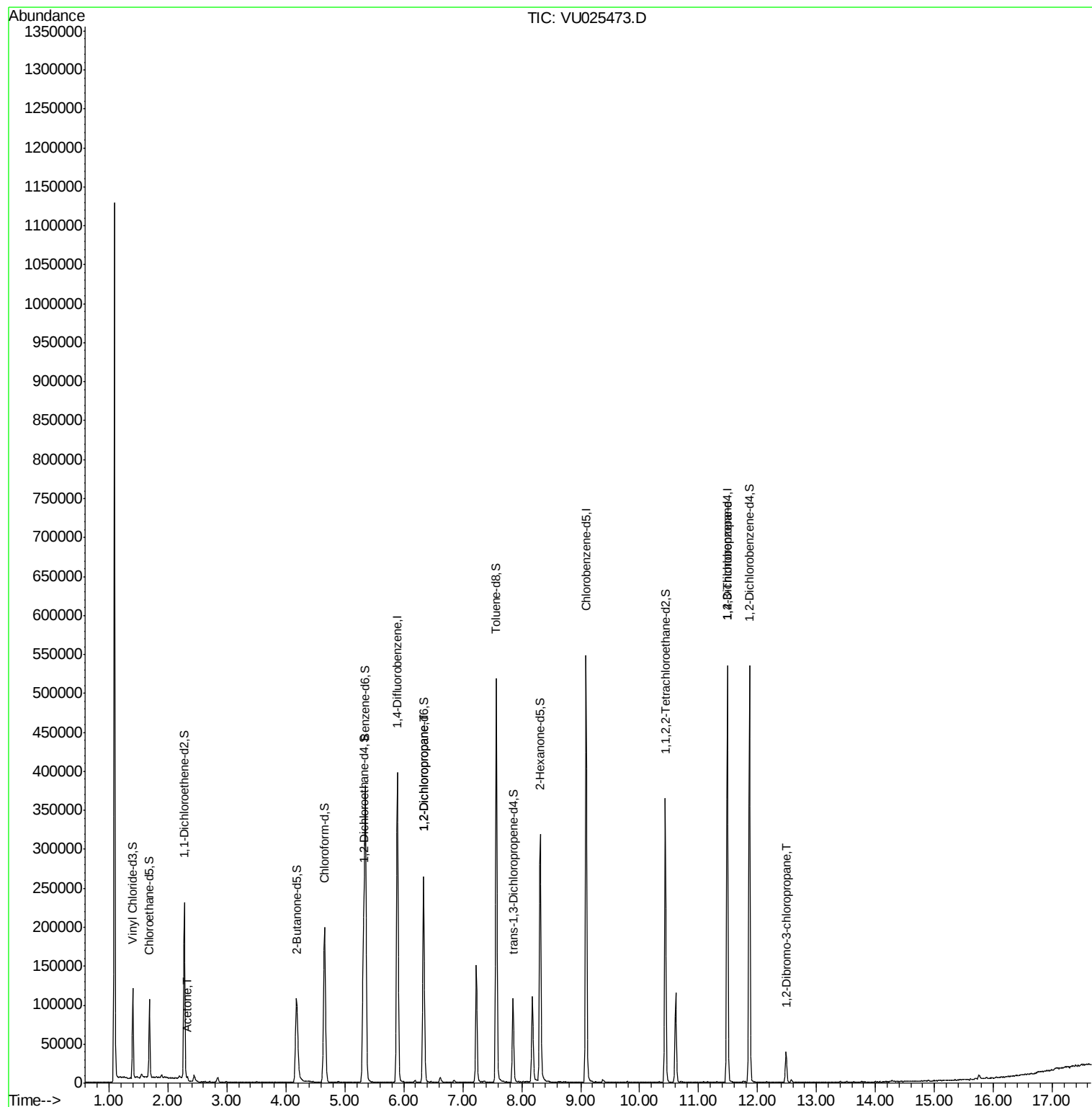
					Qvalue
13) Acetone	2.32	43	3927	2.666 ug/L	100
37) 1,2-Dichloropropane	6.33	63	14355	5.795 ug/L #	88
59) 1,2,3-Trichloropropane	11.49	75	15815	4.801 ug/L	89
66) 1,2-Dibromo-3-chloropropan	12.48	75	1128	1.221 ug/L #	1

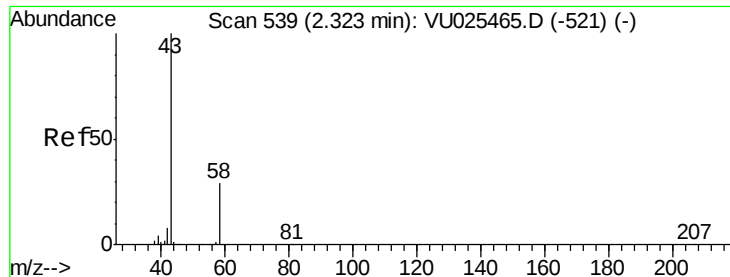
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.666 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025473.D

Acq: 17 Jul 2018 22:06

Instrument :

MSVOA_U

ClientSampleId :

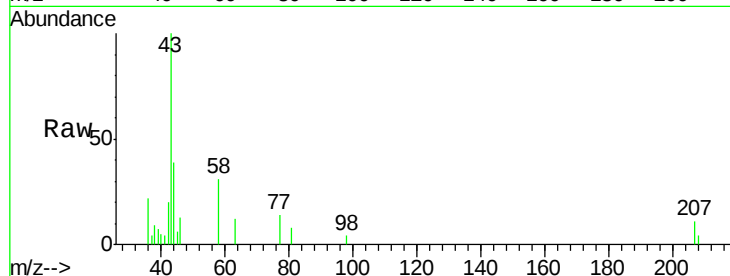
DB1P2

Tgt Ion: 43 Resp: 3927

Ion Ratio Lower Upper

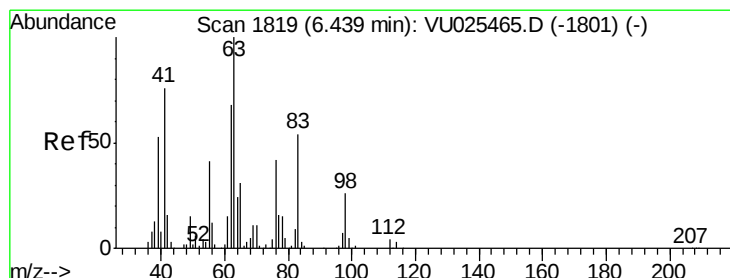
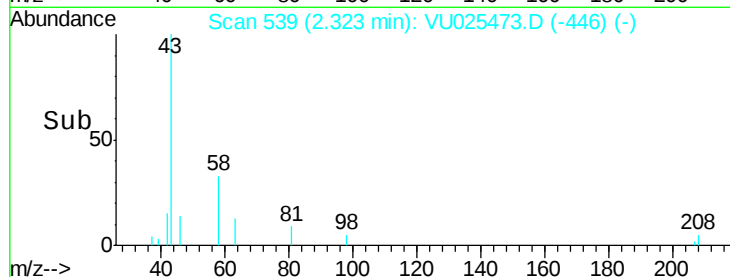
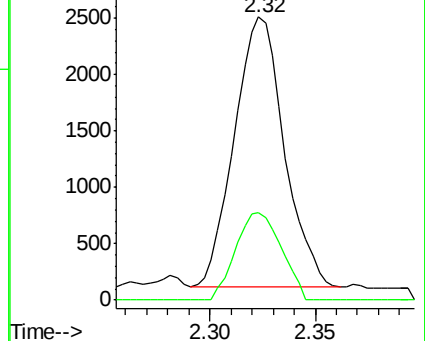
43 100

58 29.6 0.0 59.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#37

1,2-Dichloropropane

Concen: 5.795 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.11 min

Lab File: VU025473.D

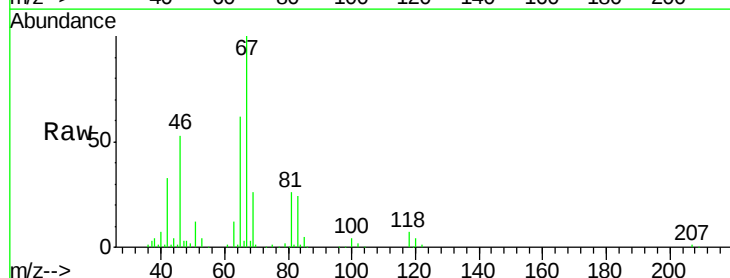
Acq: 17 Jul 2018 22:06

Tgt Ion: 63 Resp: 14355

Ion Ratio Lower Upper

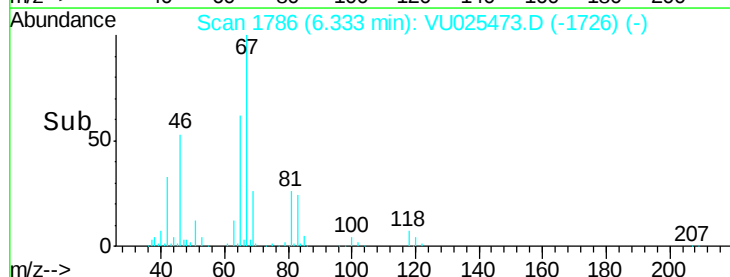
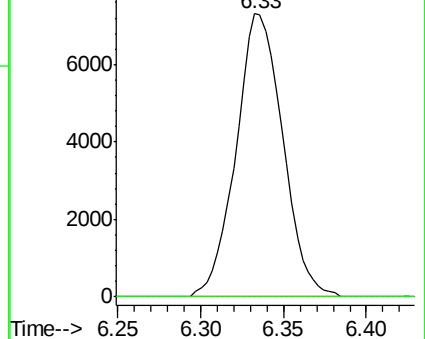
63 100

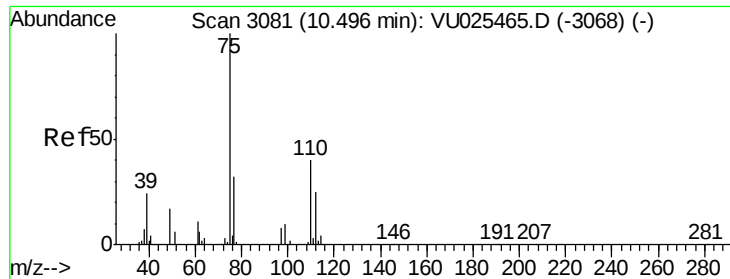
112 0.0 3.2 4.8#



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: 4.801 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025473.D

Acq: 17 Jul 2018 22:06

Instrument :

MSVOA_U

ClientSampled :

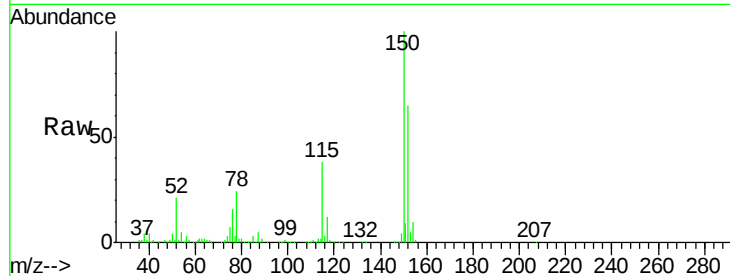
DB1P2

Tgt Ion: 75 Resp: 15815

Ion Ratio Lower Upper

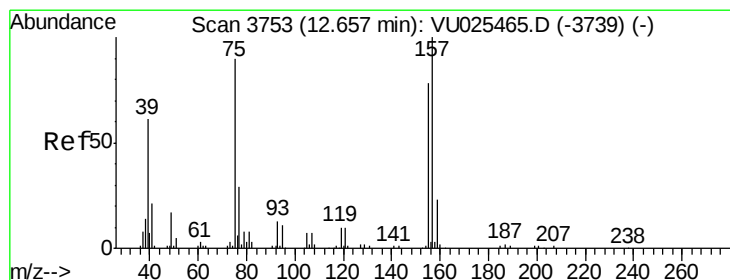
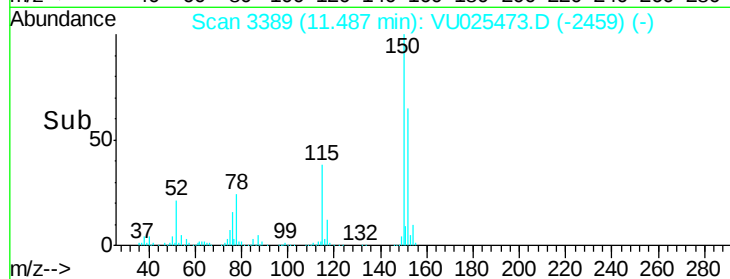
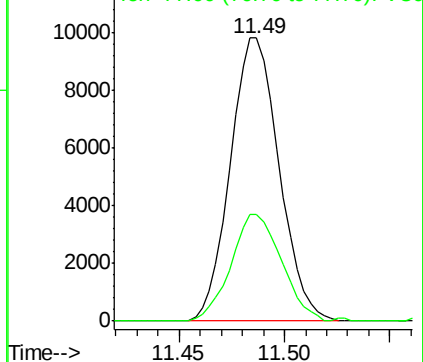
75 100

77 38.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#66

1,2-Dibromo-3-chloropropane

Concen: 1.221 ug/L

RT: 12.48 min Scan# 3698

Delta R.T. -0.18 min

Lab File: VU025473.D

Acq: 17 Jul 2018 22:06

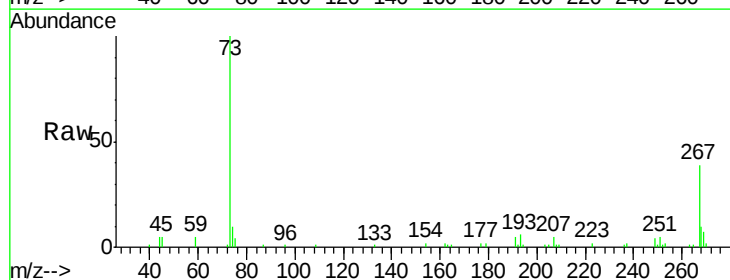
Tgt Ion: 75 Resp: 1128

Ion Ratio Lower Upper

75 100

155 0.0 67.4 101.0#

157 0.0 87.9 131.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

