

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102119\
 Data File : VU035322.D
 Acq On : 21 Oct 2019 12:37
 Operator : JC/SP
 Sample : K5344-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF6L6

Quant Time: Nov 02 03:28:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 21 05:38:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	669136	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	636061	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	242058	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	271189	47.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.22%
7) Chloroethane-d5	1.93	69	234483	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.08%
11) 1,1-Dichloroethene-d2	2.59	63	354399	37.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.62%
21) 2-Butanone-d5	4.69	46	348654	91.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.38%
24) Chloroform-d	5.11	84	430430	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.54%
26) 1,2-Dichloroethane-d4	5.75	65	293052	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.12%
32) Benzene-d6	5.77	84	914573	49.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.72%
36) 1,2-Dichloropropane-d6	6.74	67	292554	49.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.82%
41) Toluene-d8	7.93	98	859196	49.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.18%
43) trans-1,3-Dichloropropene-	8.21	79	148665	48.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.92%
47) 2-Hexanone-d5	8.68	63	242439	93.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.09%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	394698	45.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	263200	46.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

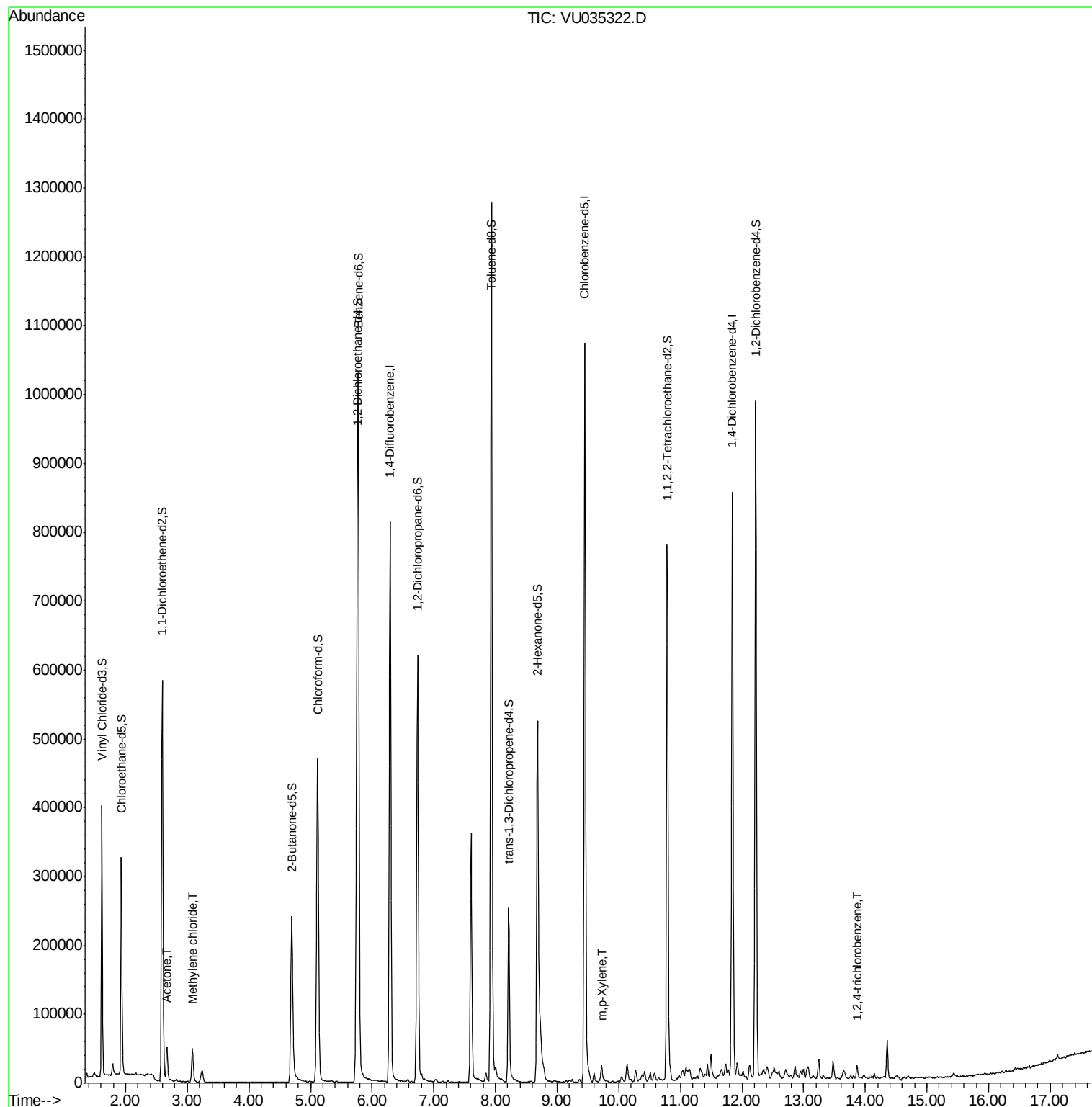
					Qvalue
13) Acetone	2.67	43	55965	16.451 ug/L	99
16) Methylene chloride	3.08	84	24283	4.992 ug/L	98
53) m,p-Xylene	9.72	106	7527	0.931 ug/L	96
68) 1,2,4-trichlorobenzene	13.87	180	5159	1.778 ug/L	94

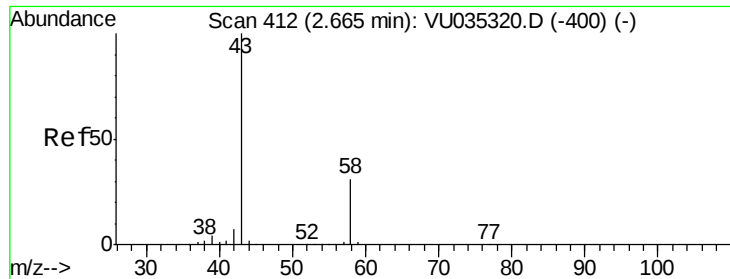
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 16.451 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU035322.D

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ClientSampleId :

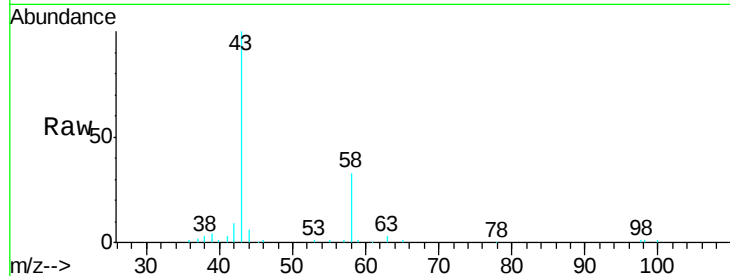
BF6L6

Tgt Ion: 43 Resp: 55965

Ion Ratio Lower Upper

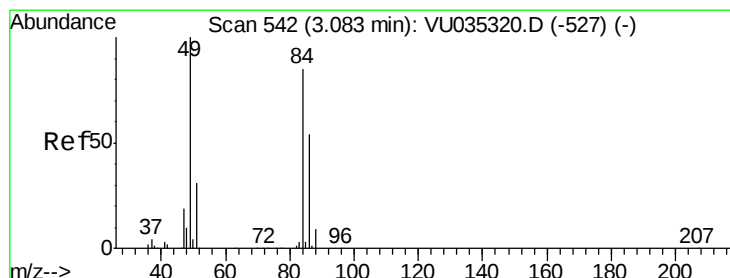
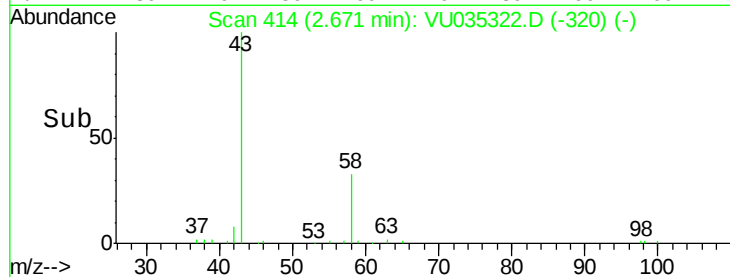
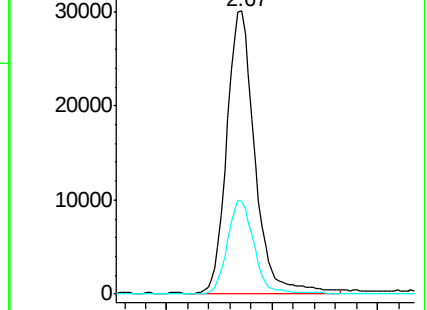
43 100

58 30.9 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU035322.D (-320) (-)

Ion 58.00 (57.70 to 58.70): VU035322.D (-320) (-)



#16

Methylene chloride

Concen: 4.992 ug/L

RT: 3.08 min Scan# 542

Delta R.T. -0.00 min

Lab File: VU035322.D

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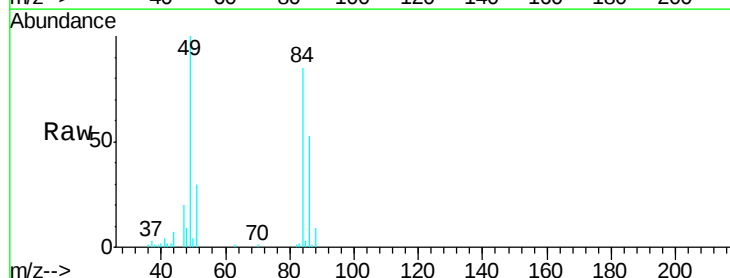
Tgt Ion: 84 Resp: 24283

Ion Ratio Lower Upper

84 100

86 62.8 44.4 82.5

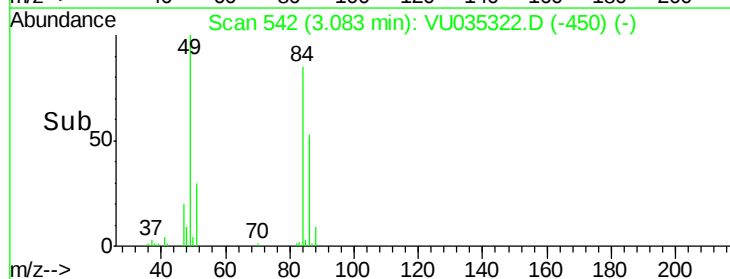
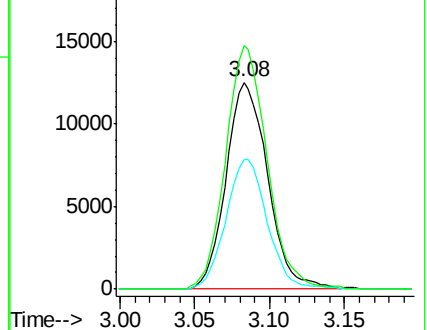
49 117.9 84.0 156.0

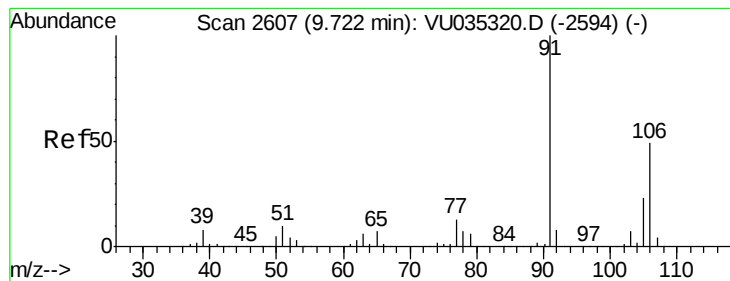


Abundance Ion 84.00 (83.70 to 84.70): VU035322.D (-450) (-)

Ion 86.00 (85.70 to 86.70): VU035322.D (-450) (-)

Ion 49.00 (48.70 to 49.70): VU035322.D (-450) (-)





#53

m,p-Xylene

Concen: 0.931 ug/L

RT: 9.72 min Scan# 2607

Delta R.T. -0.00 min

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ClientSampleId :

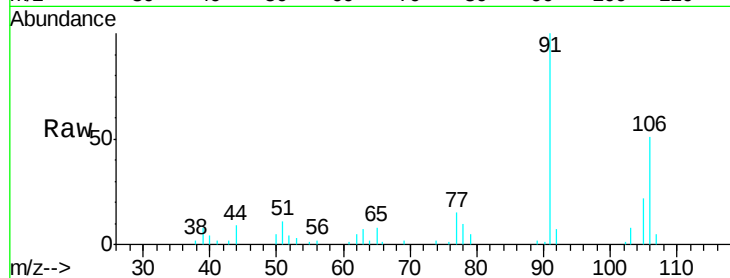
BF6L6

Tgt Ion:106 Resp: 7527

Ion Ratio Lower Upper

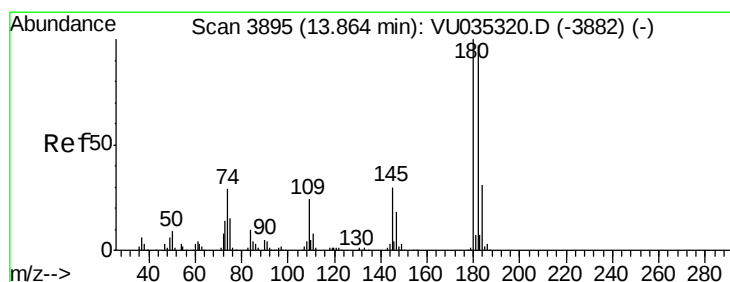
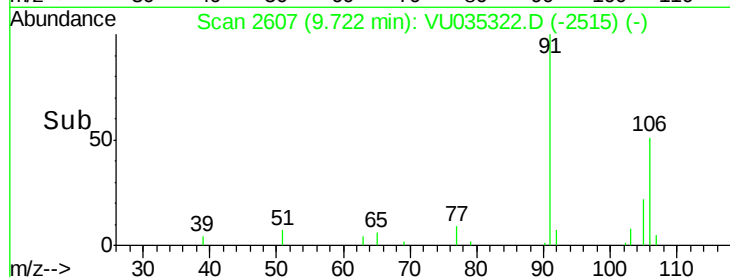
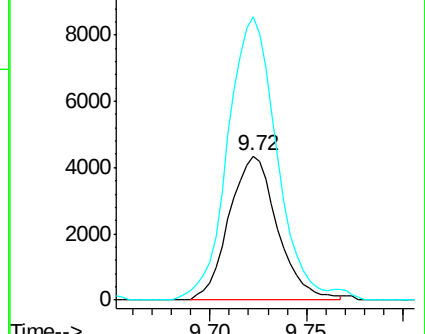
106 100

91 196.4 141.5 262.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#68

1,2,4-trichlorobenzene

Concen: 1.778 ug/L

RT: 13.87 min Scan# 3896

Delta R.T. -0.00 min

Lab File: VU035322.D

Acq: 21 Oct 2019 12:37

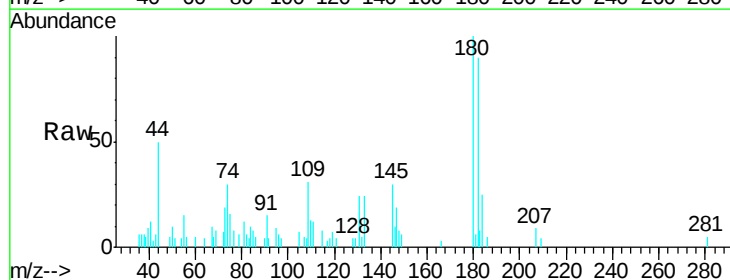
Tgt Ion:180 Resp: 5159

Ion Ratio Lower Upper

180 100

182 88.9 76.2 114.2

145 31.4 22.8 34.2



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

