

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080418\
 Data File : VU025821.D
 Acq On : 03 Aug 2018 16:24
 Operator : MD/SY
 Sample : J4265-13DL 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB5DL

Quant Time: Aug 03 23:52:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 23:51:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	298204	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	277688	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	134942	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79327	46.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.20%
7) Chloroethane-d5	1.68	69	63340	45.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.22%
11) 1,1-Dichloroethene-d2	2.27	63	124299	35.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.14%
21) 2-Butanone-d5	4.18	46	131082	99.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.73%
24) Chloroform-d	4.65	84	171385	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.31	65	120010	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
32) Benzene-d6	5.35	84	341412	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.88%
36) 1,2-Dichloropropane-d6	6.33	67	109844	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.74%
41) Toluene-d8	7.57	98	318817	46.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.36%
43) trans-1,3-Dichloropropene-	7.85	79	54649	46.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.24%
47) 2-Hexanone-d5	8.31	63	90807	94.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.51%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	144692	45.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	130669	47.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.56%

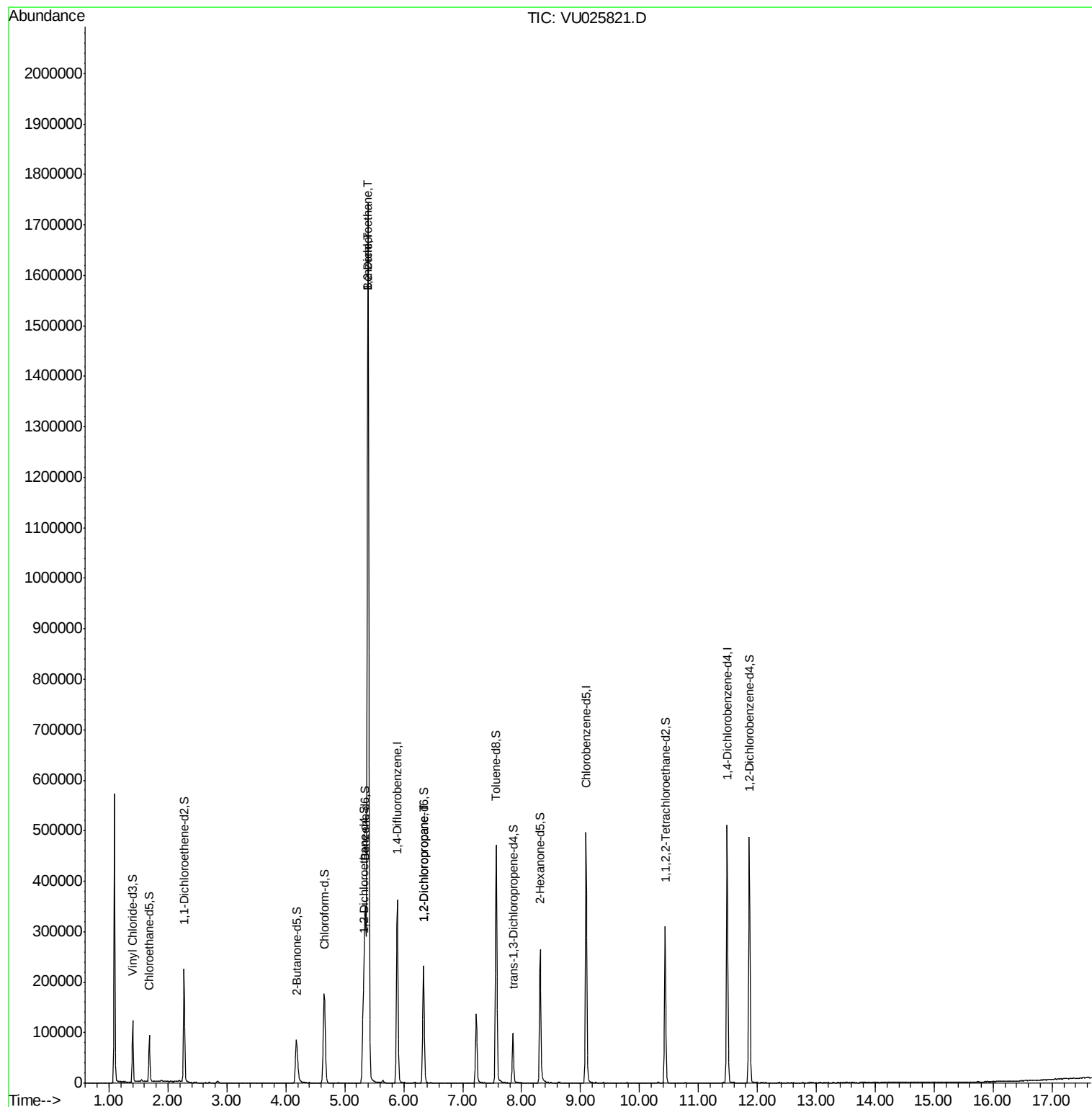
Target Compounds					Qvalue
27) 1,2-Dichloroethane	5.39	62	16247	5.136 ug/L #	77
33) Benzene	5.39	78	1685803	211.285 ug/L	100
37) 1,2-Dichloropropane	6.33	63	12437	5.704 ug/L #	88

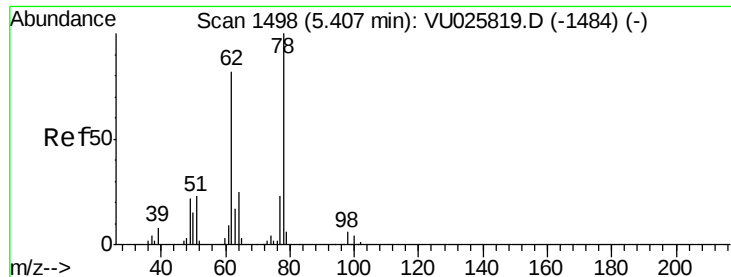
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#27

1,2-Dichloroethane

Concen: 5.136 ug/L

RT: 5.39 min Scan# 1494

Delta R.T. -0.01 min

Lab File: VU025821.D

Acq: 03 Aug 2018 16:24

Instrument :

MSVOA_U

ClientSampleId :

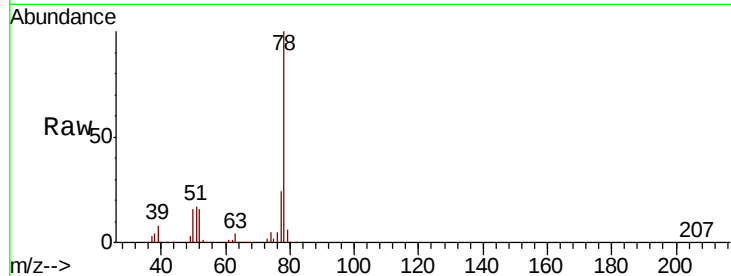
C0AB5DL

Tgt Ion: 62 Resp: 16247

Ion Ratio Lower Upper

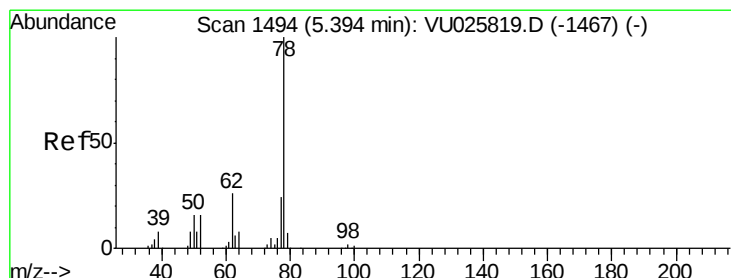
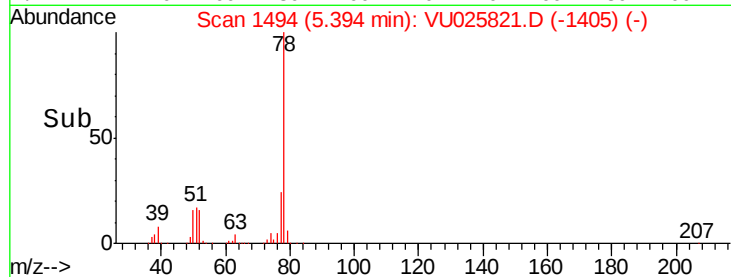
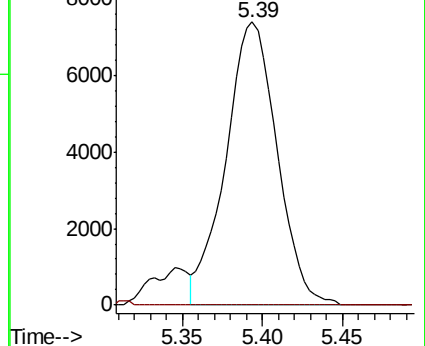
62 100

98 0.0 6.5 9.7#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#33

Benzene

Concen: 211.285 ug/L

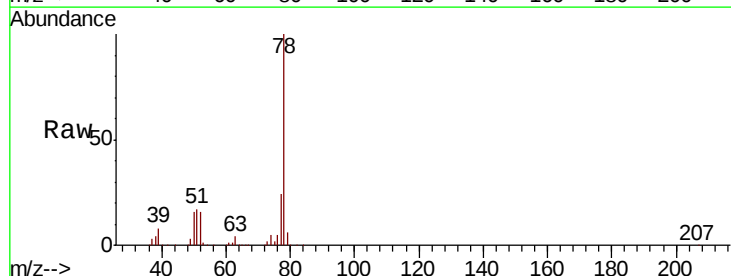
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

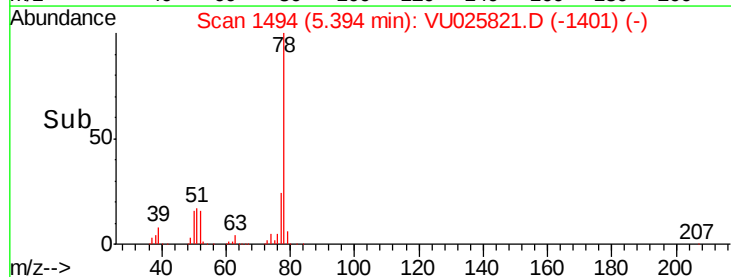
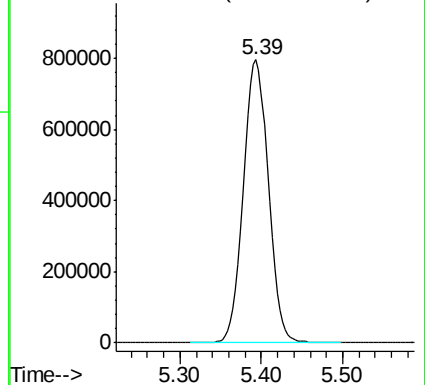
Lab File: VU025821.D

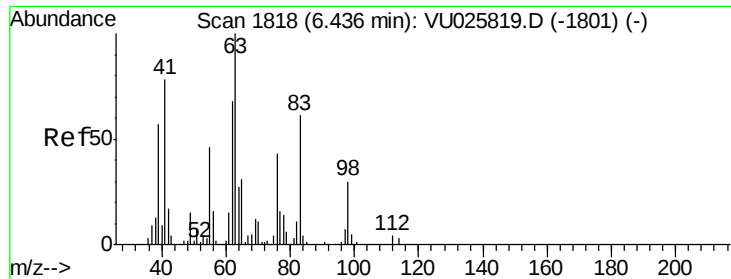
Acq: 03 Aug 2018 16:24

Tgt Ion: 78 Resp: 1685803



Abundance Ion 78.00 (77.70 to 78.70): VU0





#37
 1,2-Dichloropropane
 Concen: 5.704 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU025821.D
 Acq: 03 Aug 2018 16:24

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB5DL

Tgt Ion: 63 Resp: 12437
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#

