

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112118\
 Data File : VU028309.D
 Acq On : 21 Nov 2018 11:05
 Operator : MD/SY
 Sample : J5997-13DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YA9DL

Quant Time: Nov 21 23:08:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 21 22:33:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	169790	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	158859	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	72266	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63325	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	1.68	69	49156	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.27	63	92625	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.20	46	186665	43.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.32%
24) Chloroform-d	4.65	84	104767	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.31	65	58788	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	5.34	84	218720	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.33	67	78819	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.57	98	189996	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.85	79	28828	5.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.80%
46) 2-Hexanone-d5	8.31	63	130396	40.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53608	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	62569	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

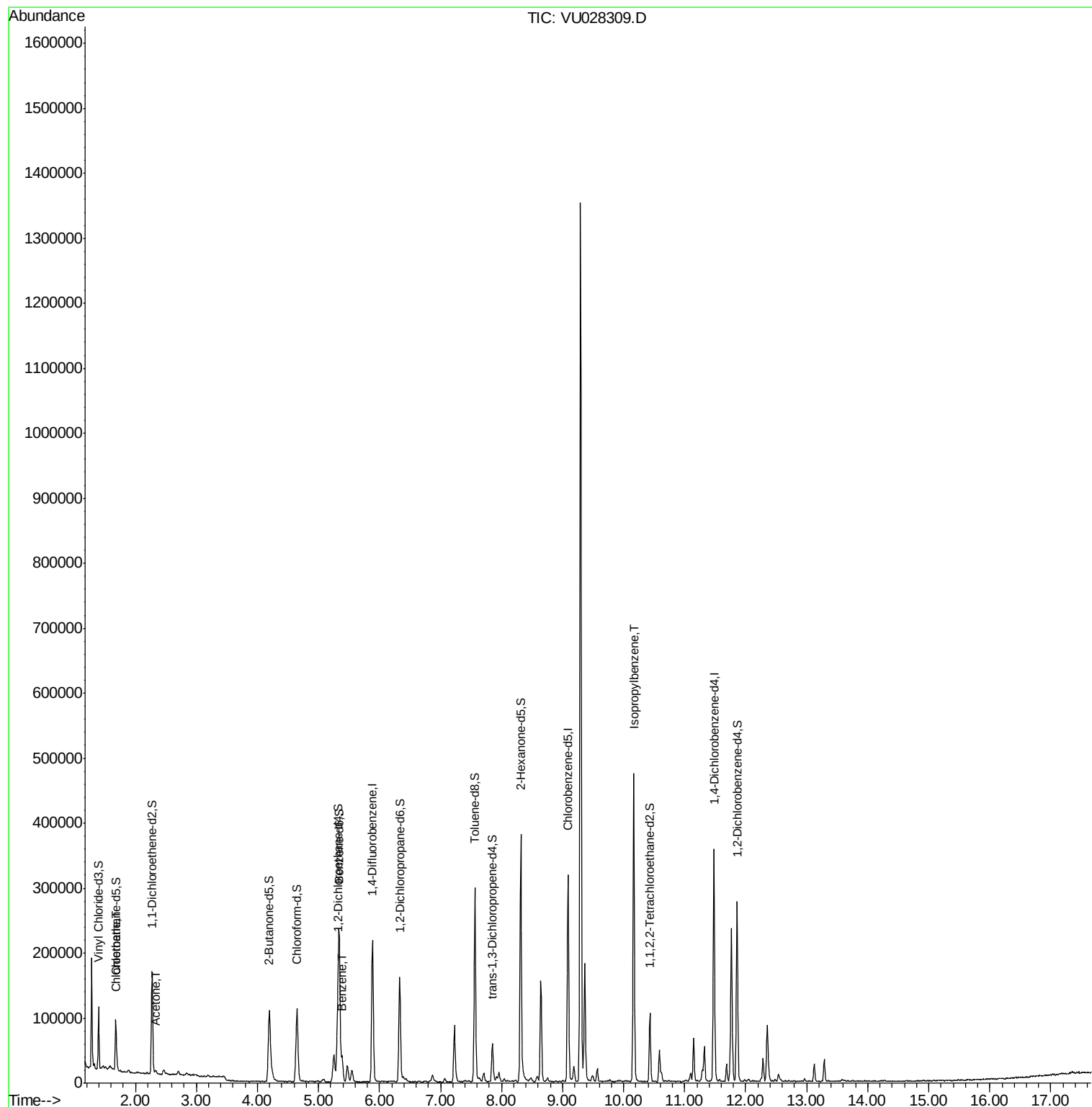
Target Compounds					Qvalue
8) Chloroethane	1.70	64	5756	0.565 ug/L	96
13) Acetone	2.33	43	4469	1.520 ug/L	81
33) Benzene	5.39	78	36453	0.695 ug/L	100
56) Isopropylbenzene	10.17	105	289595	5.457 ug/L	99

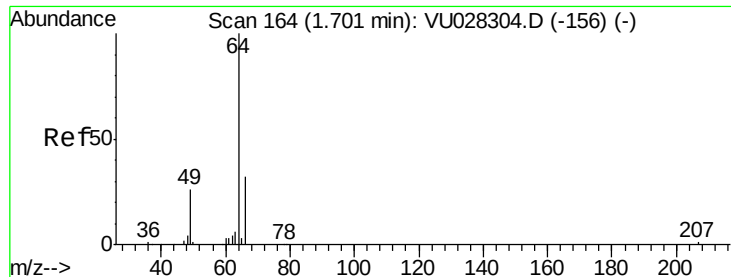
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.565 ug/L

RT: 1.70 min Scan# 163

Delta R.T. -0.00 min

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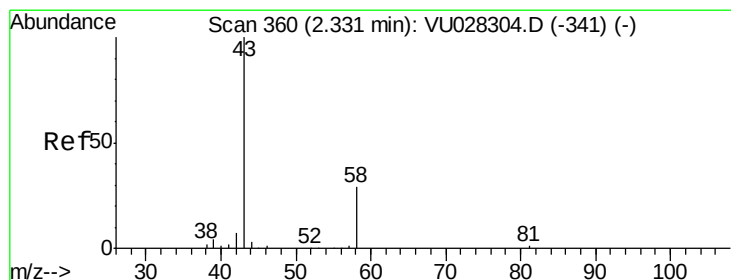
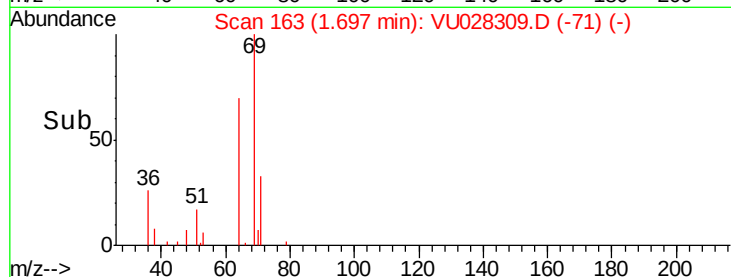
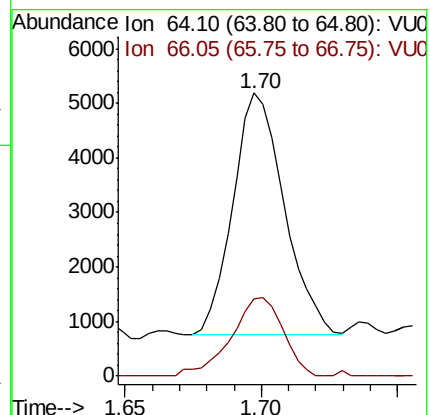
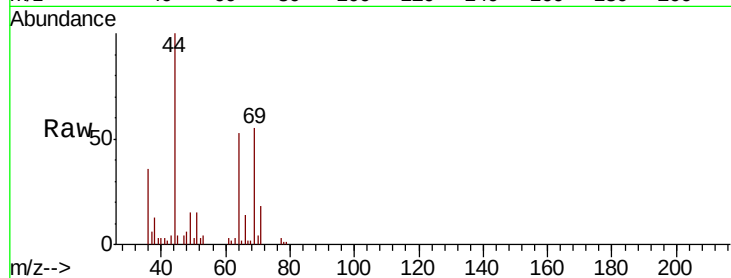
E3YA9DL

Tgt Ion: 64 Resp: 5756

Ion Ratio Lower Upper

64 100

66 27.2 20.7 38.5



#13

Acetone

Concen: 1.520 ug/L

RT: 2.33 min Scan# 359

Delta R.T. -0.00 min

Lab File: VU028309.D

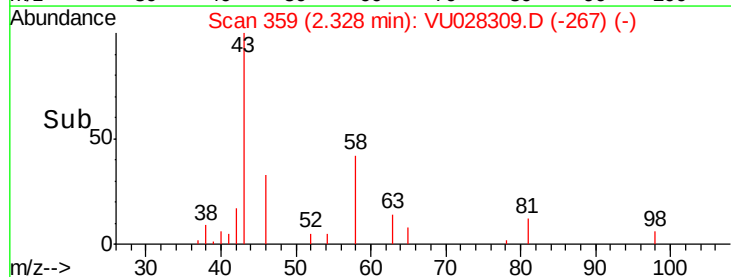
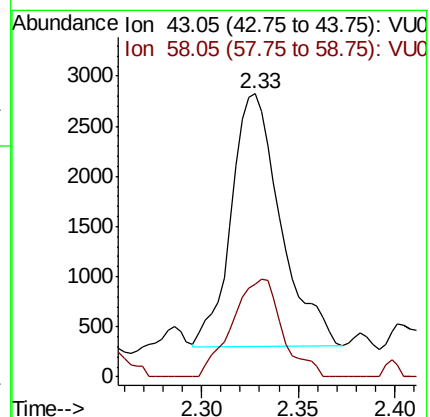
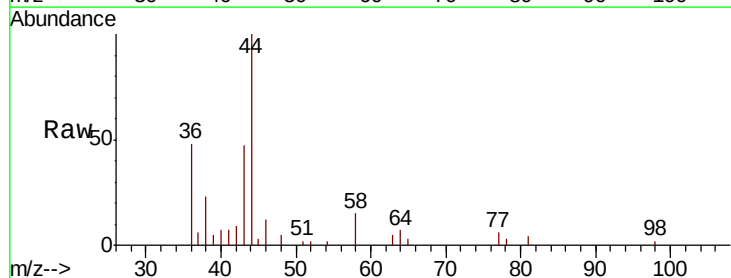
Acq: 21 Nov 2018 11:05

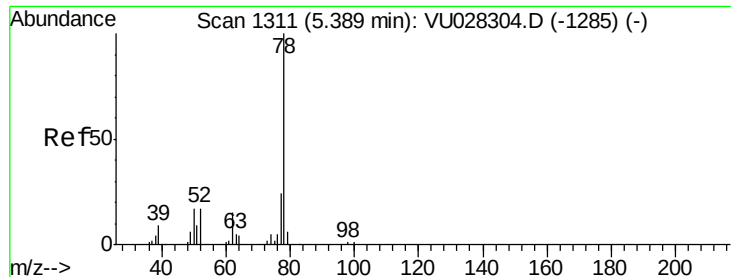
Tgt Ion: 43 Resp: 4469

Ion Ratio Lower Upper

43 100

58 39.5 0.0 58.6





#33

Benzene

Concen: 0.695 ug/L

RT: 5.39 min Scan# 1310

Delta R.T. -0.00 min

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Acq: 21 Nov 2018 11:05

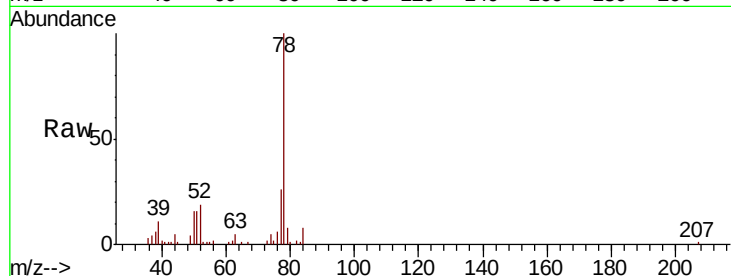
Instrument :

MSVOA_U

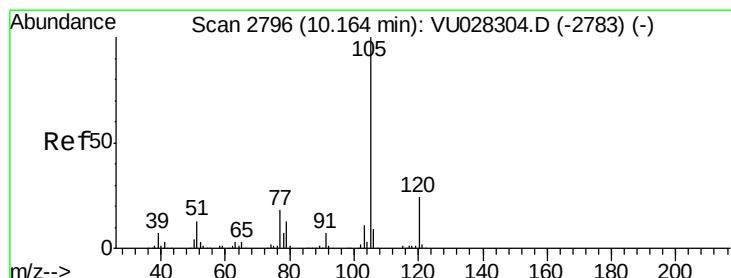
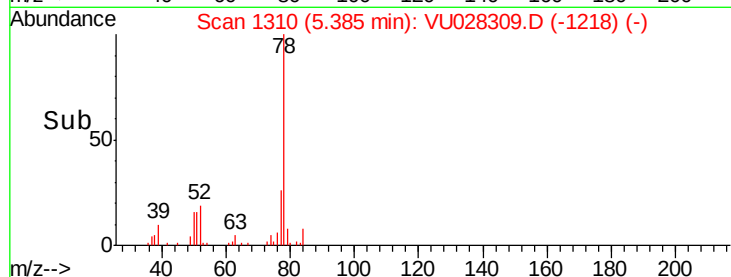
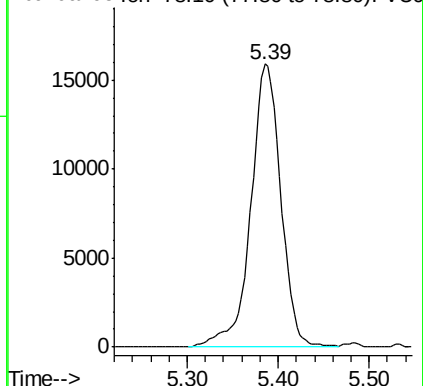
ClientSampleId :

E3YA9DL

Tgt Ion: 78 Resp: 36453



Abundance Ion 78.10 (77.80 to 78.80): VU0



#56

Isopropylbenzene

Concen: 5.457 ug/L

RT: 10.17 min Scan# 2797

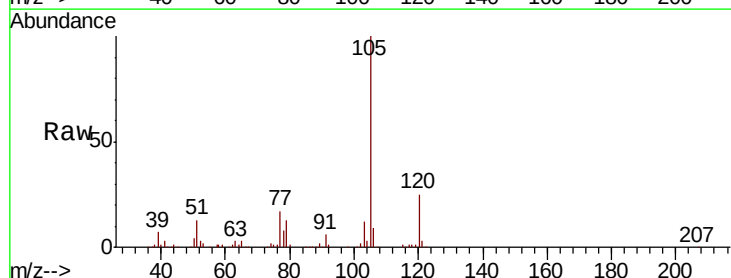
Delta R.T. 0.00 min

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Tgt Ion: 105 Resp: 289595

Ion	Ratio	Lower	Upper
105	100		
120	25.2	20.3	30.5
77	17.4	14.5	21.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0

