

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082218\
 Data File : VU026275.D
 Acq On : 23 Aug 2018 02:05
 Operator : MD/SY
 Sample : J4599-05 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOK7

Quant Time: Aug 23 07:47:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 23 07:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	277471	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	268427	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	125636	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	68273	40.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.68%
7) Chloroethane-d5	1.68	69	60315	43.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.27	63	109462	32.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.82%
21) 2-Butanone-d5	4.18	46	133486	98.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.83%
24) Chloroform-d	4.65	84	169850	45.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.06%
26) 1,2-Dichloroethane-d4	5.31	65	114091	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
32) Benzene-d6	5.35	84	320244	44.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.18%
36) 1,2-Dichloropropane-d6	6.33	67	109406	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.90%
41) Toluene-d8	7.57	98	278158	40.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.06%
43) trans-1,3-Dichloropropene-	7.85	79	51261	43.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.06%
47) 2-Hexanone-d5	8.31	63	93370	94.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.75%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	156771	45.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	122244	45.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.70%

Target Compounds

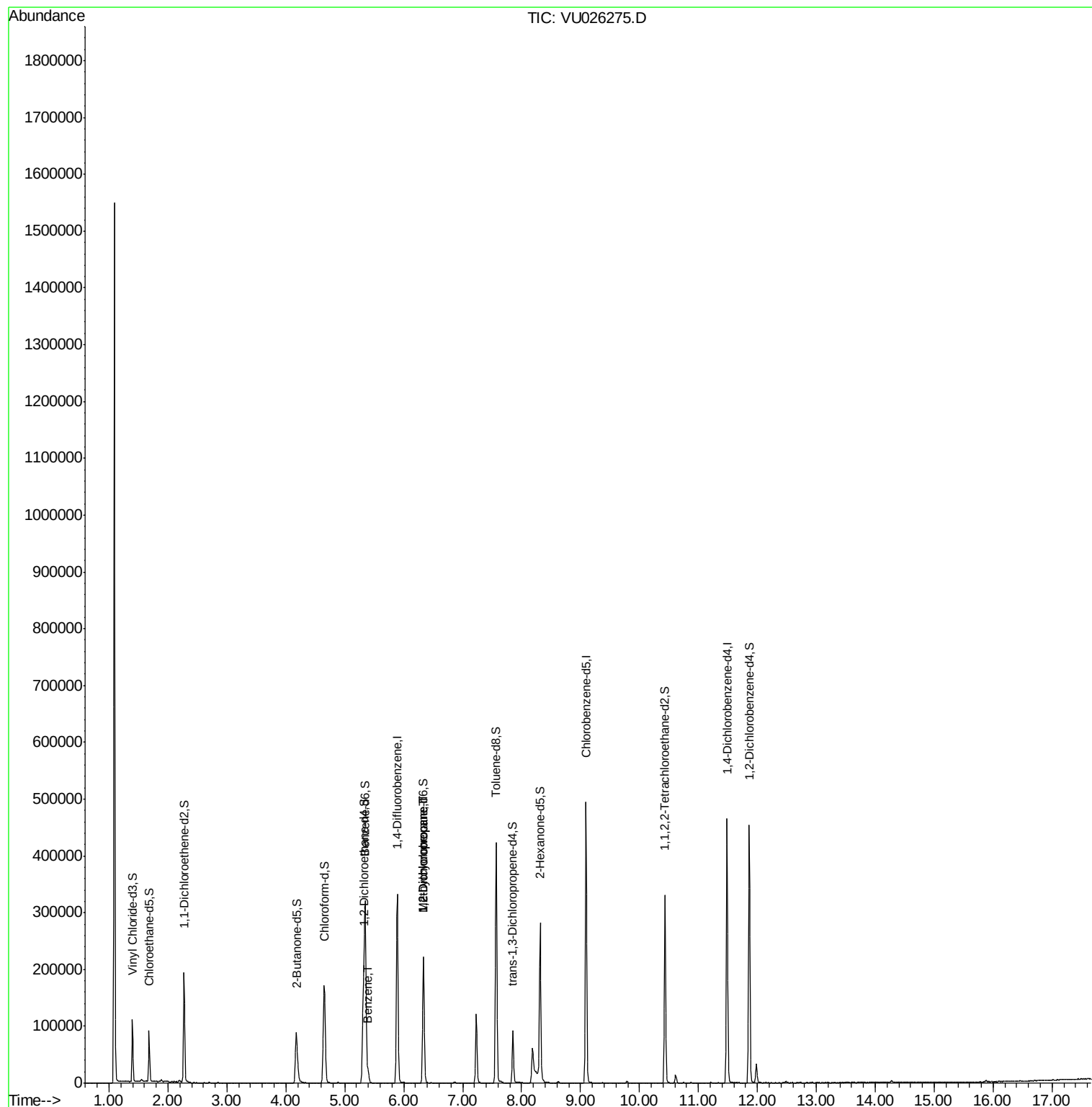
					Qvalue
33) Benzene	5.39	78	20807	2.843 ug/L	100
35) Methylcyclohexane	6.33	83	25656	8.670 ug/L #	20
37) 1,2-Dichloropropane	6.34	63	12059	6.030 ug/L #	88

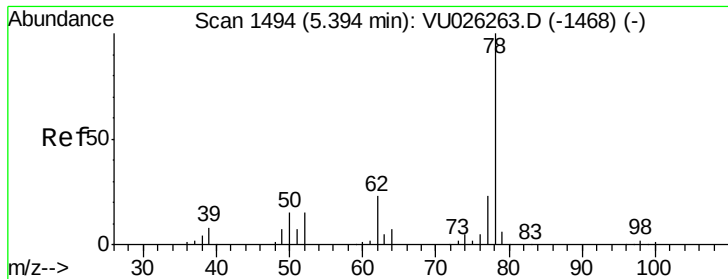
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 2.843 ug/L

RT: 5.39 min Scan# 1494

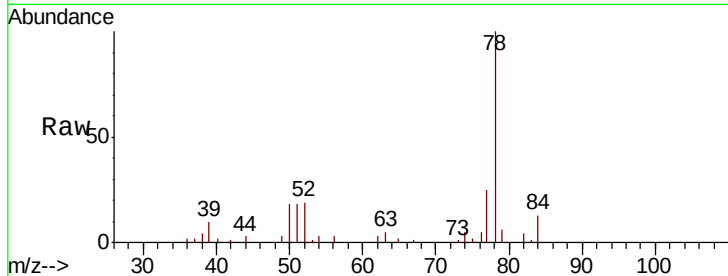
Delta R.T. 0.00 min

Lab File: VU026275.D

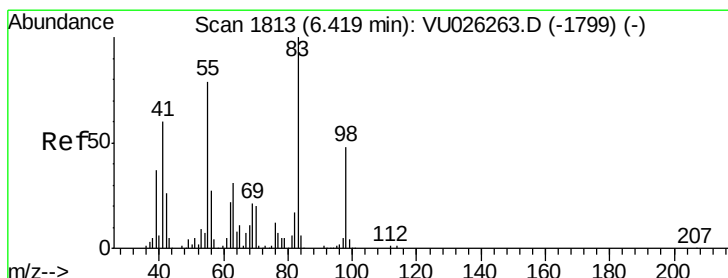
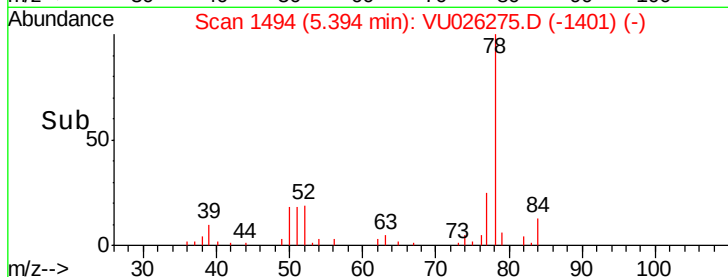
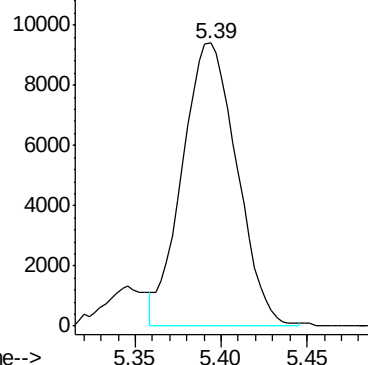
Acq: 23 Aug 2018 02:05

Instrument :
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ClientSampleId :
ETOK7

Tgt Ion: 78 Resp: 20807



Abundance Ion 78.00 (77.70 to 78.70): VU0



#35

Methylcyclohexane

Concen: 8.670 ug/L

RT: 6.33 min Scan# 1786

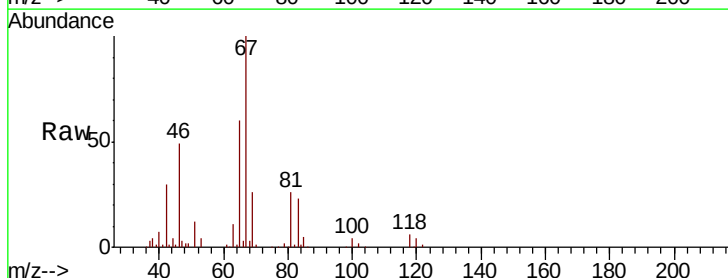
Delta R.T. -0.09 min

Lab File: VU026275.D

Acq: 23 Aug 2018 02:05

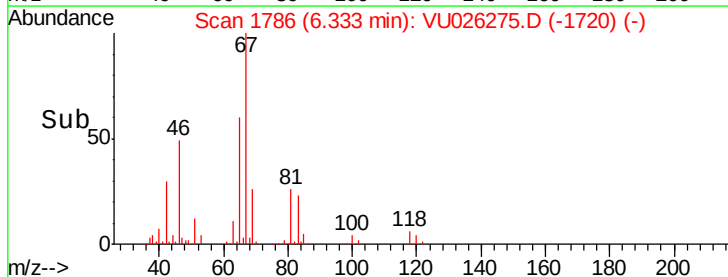
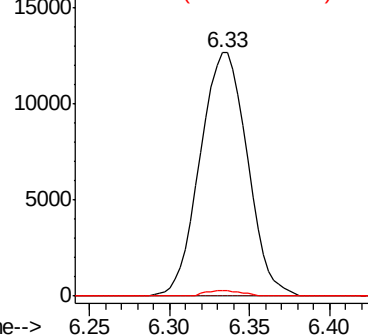
Tgt Ion: 83 Resp: 25656

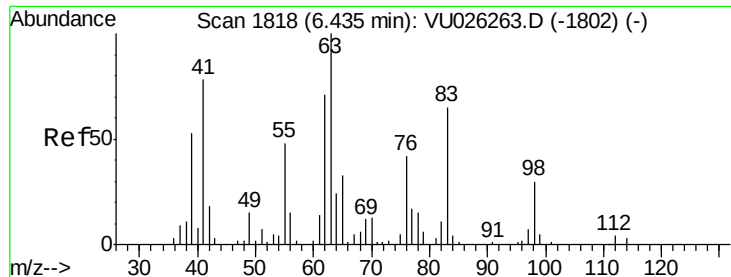
Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.6	91.0#
98	1.8	36.8	55.2#



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0





#37
 1,2-Dichloropropane
 Concen: 6.030 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
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Tgt Ion: 63 Resp: 12059
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.4 5.2#

