

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\
 Data File : VU026309.D
 Acq On : 23 Aug 2018 19:27
 Operator : MD/SY
 Sample : J4598-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 24 02:07:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 02:06:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	290130	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	284573	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	133128	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	88580	50.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.12%
7) Chloroethane-d5	1.68	69	73742	51.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.27	63	136877	39.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.70%
21) 2-Butanone-d5	4.18	46	145256	102.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.85%
24) Chloroform-d	4.65	84	199903	50.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.36%
26) 1,2-Dichloroethane-d4	5.31	65	131602	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.54%
32) Benzene-d6	5.35	84	382723	50.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.54%
36) 1,2-Dichloropropane-d6	6.33	67	125971	51.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.06%
41) Toluene-d8	7.57	98	348298	47.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.72%
43) trans-1,3-Dichloropropene-	7.85	79	58166	46.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.12%
47) 2-Hexanone-d5	8.31	63	102523	98.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.13%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	175652	48.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	147408	52.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.36%

Target Compounds

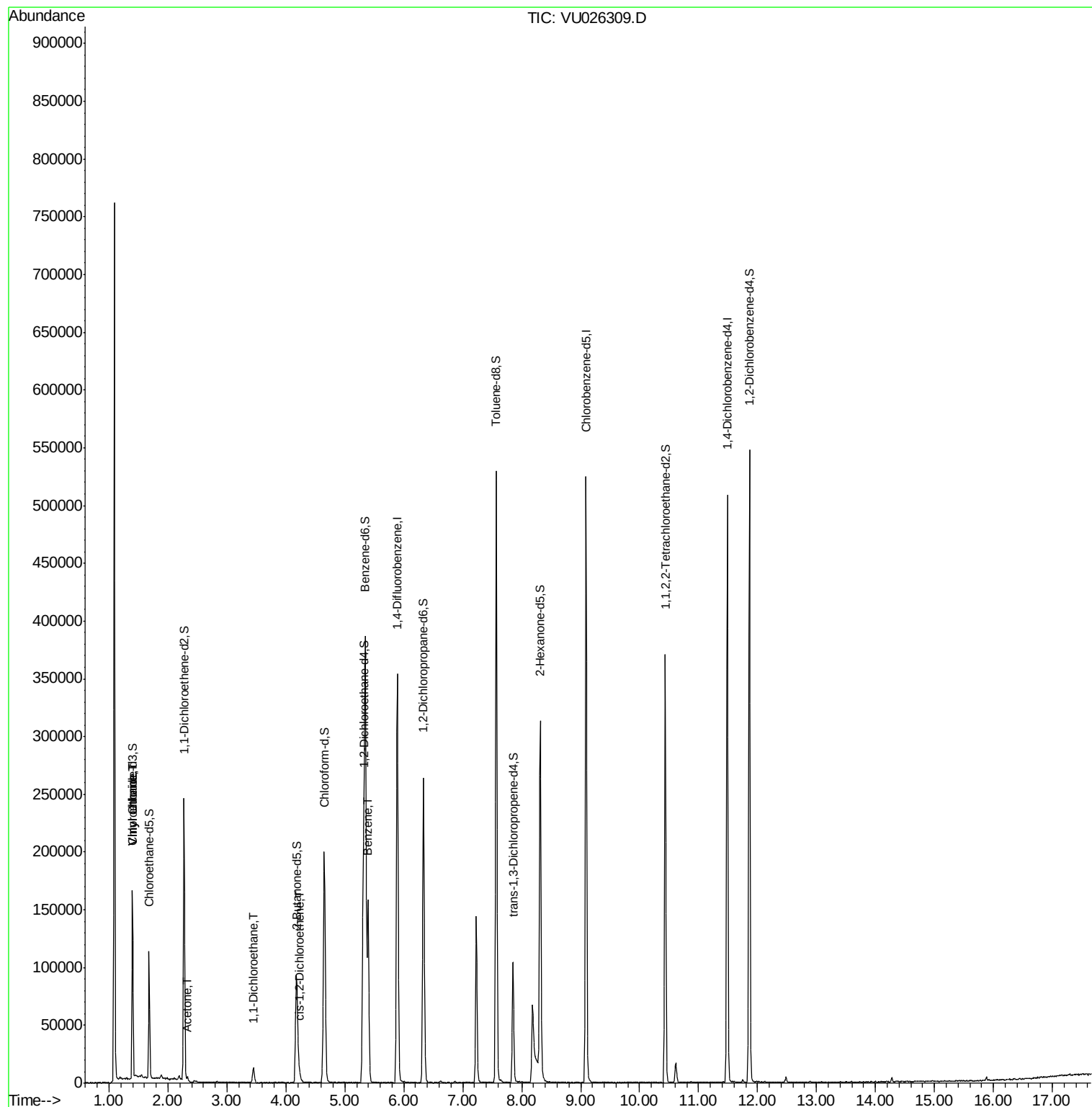
					Ovalue
5) Vinyl chloride	1.40	62	16235	7.672 ug/L	# 77
8) Chloroethane	1.40	64	10021	8.258 ug/L	92
13) Acetone	2.32	43	2230	2.040 ug/L	85
19) 1,1-Dichloroethane	3.45	63	13332	3.890 ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	2654	1.277 ug/L	96
33) Benzene	5.39	78	154100	19.863 ug/L	100

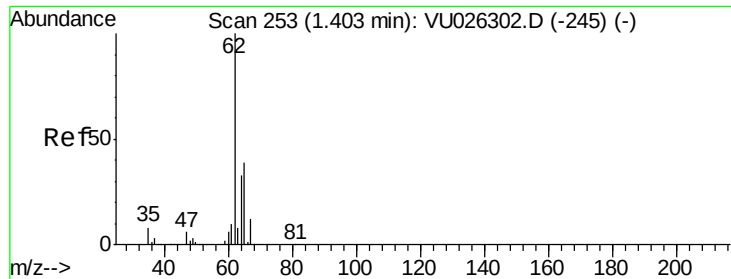
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 24 02:06:29 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.672 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU026309.D

Acq: 23 Aug 2018 19:27

Instrument :

MSVOA_U

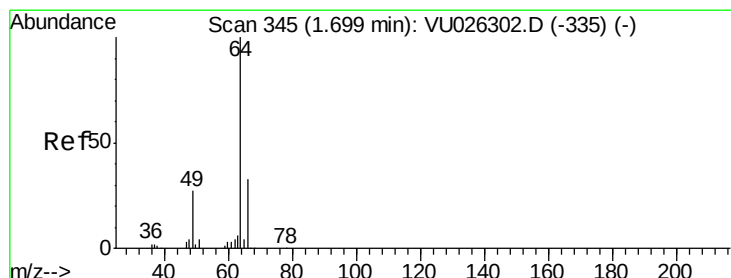
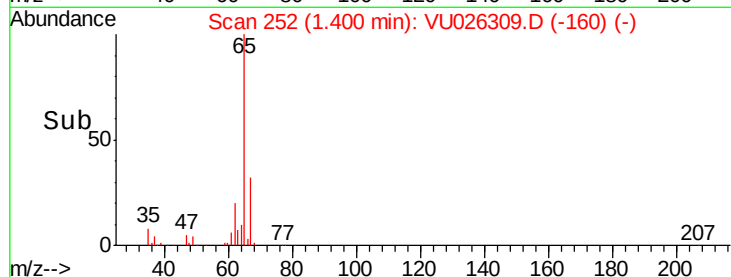
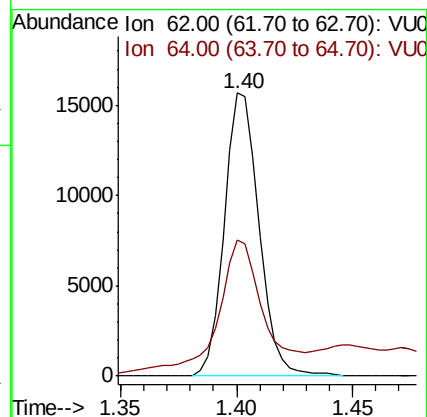
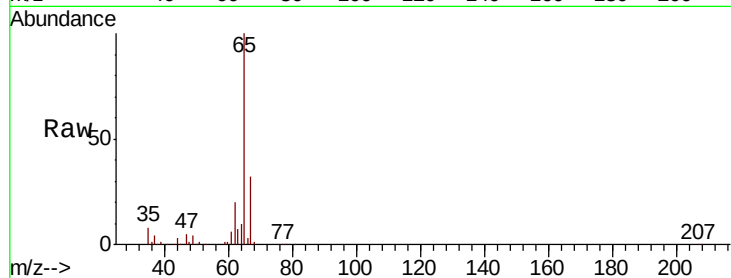
ClientSampleId :

Tot Ion: 62 Resp: 16235

Ion Ratio Lower Upper

62 100

64 48.1 24.2 45.0#



#8

Chloroethane

Concen: 8.258 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.30 min

Lab File: VU026309.D

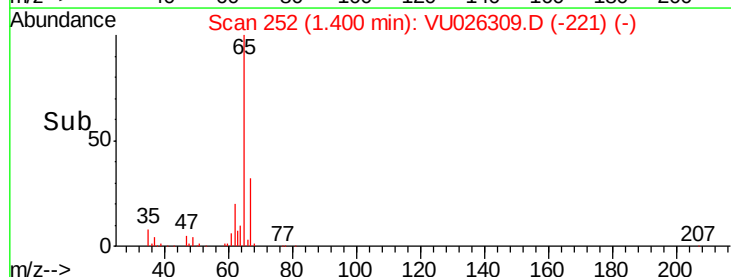
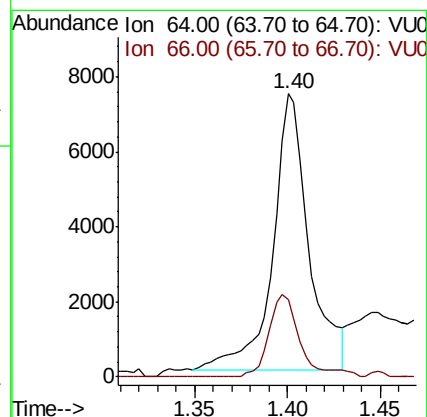
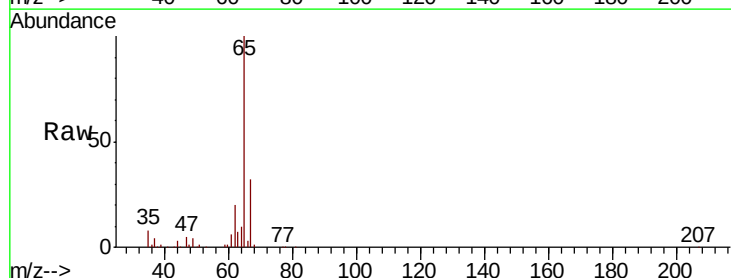
Acq: 23 Aug 2018 19:27

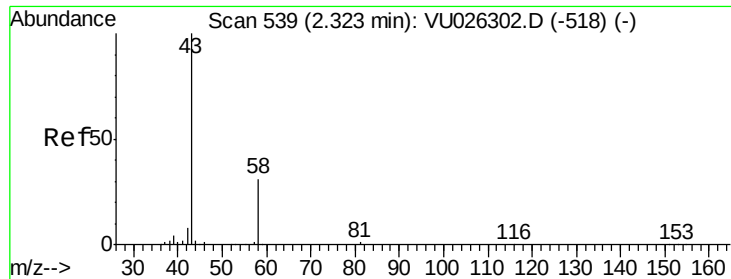
Tgt Ion: 64 Resp: 10021

Ion Ratio Lower Upper

64 100

66 27.2 21.9 40.7





#13

Acetone

Concen: 2.040 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU026309.D

Acq: 23 Aug 2018 19:27

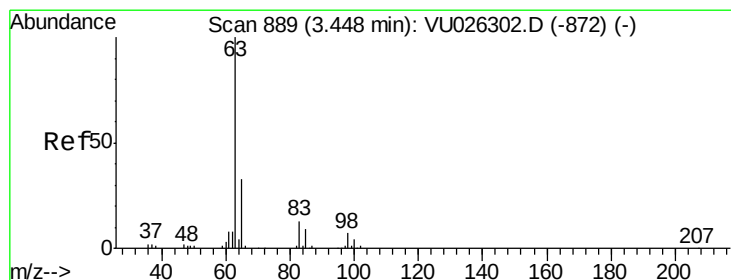
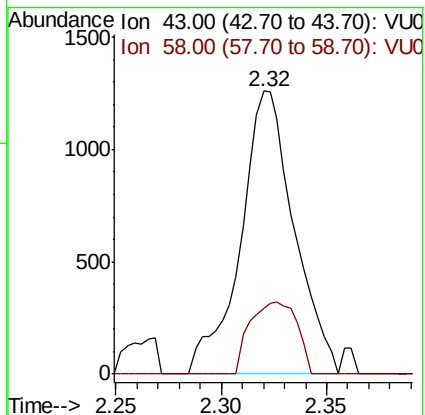
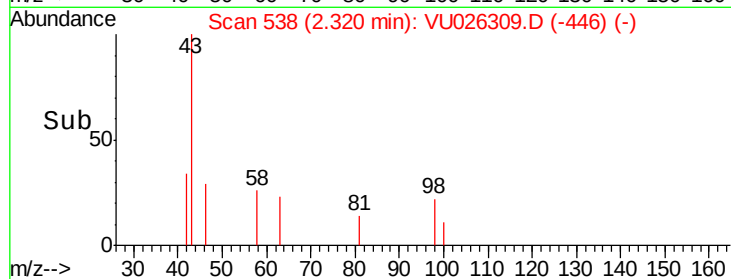
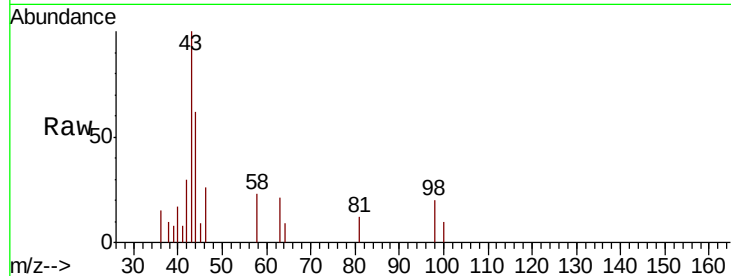
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 2230

Ion Ratio Lower Upper

43 100

58 22.2 0.0 61.2



#19

1,1-Dichloroethane

Concen: 3.890 ug/L

RT: 3.45 min Scan# 889

Delta R.T. 0.00 min

Lab File: VU026309.D

Acq: 23 Aug 2018 19:27

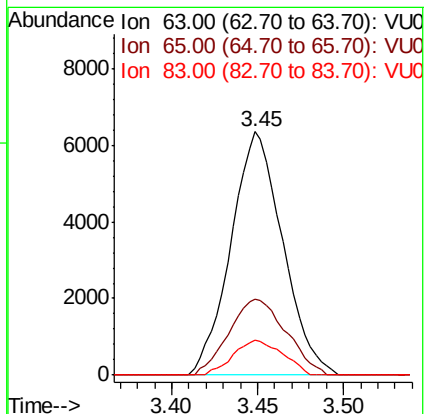
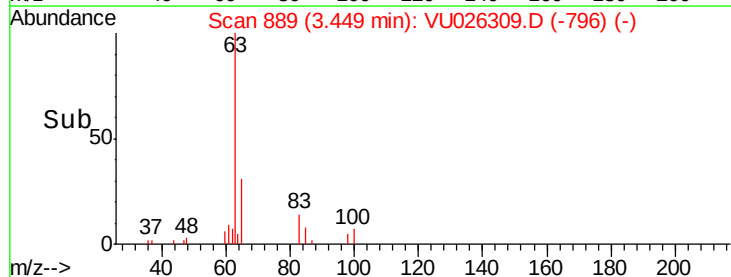
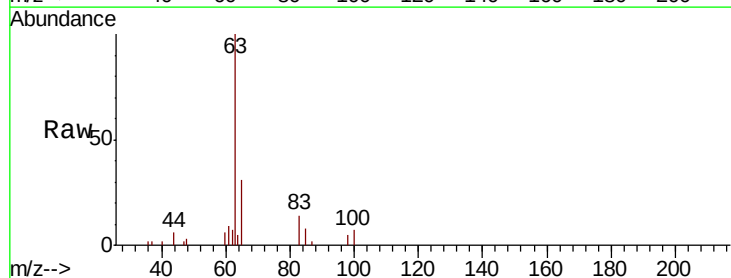
Tgt Ion: 63 Resp: 13332

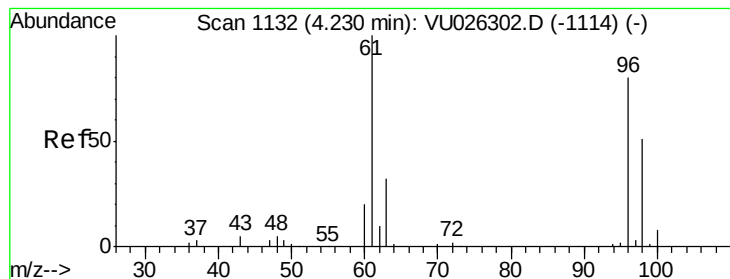
Ion Ratio Lower Upper

63 100

65 31.3 21.4 39.8

83 14.3 9.2 17.2





#20

cis-1,2-Dichloroethene

Concen: 1.277 ug/L

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU026309.D

Acq: 23 Aug 2018 19:27

Instrument :

MSVOA_U

ClientSampleId :

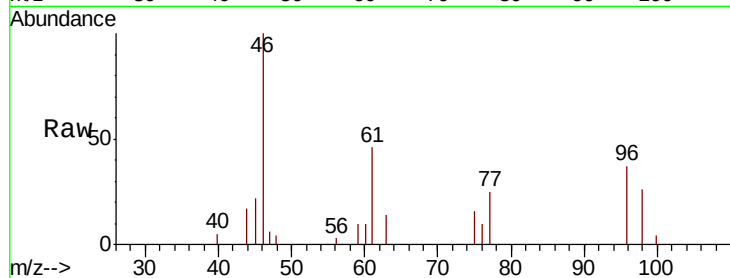
Tot Ion: 96 Resp: 2654

Ion Ratio Lower Upper

96 100

61 124.7 90.3 167.7

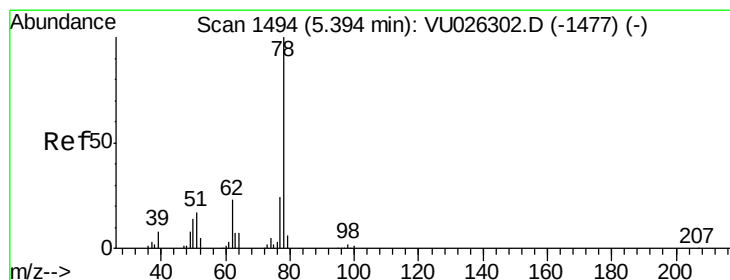
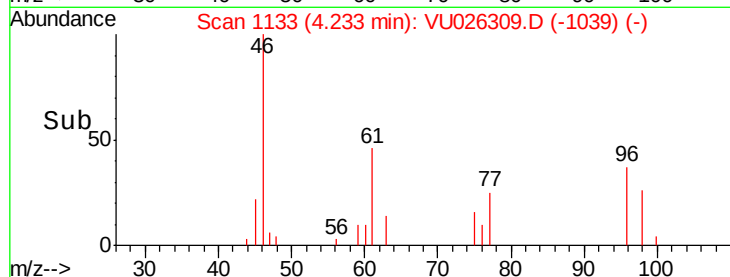
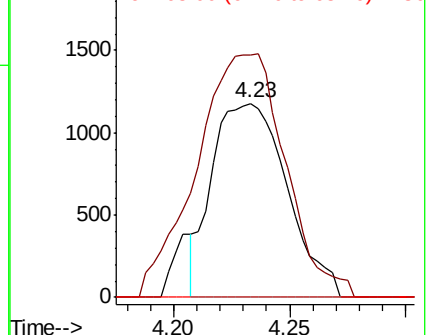
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0



#33

Benzene

Concen: 19.863 ug/L

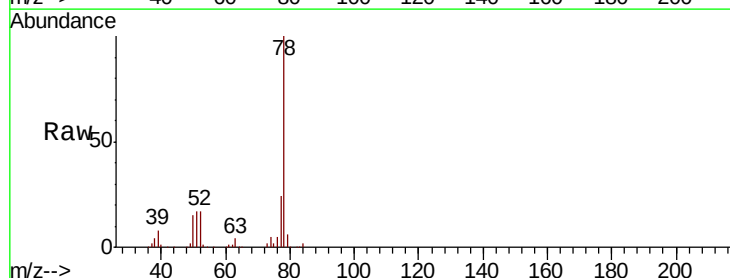
RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU026309.D

Acq: 23 Aug 2018 19:27

Tgt Ion: 78 Resp: 154100



Abundance Ion 78.00 (77.70 to 78.70): VU0

