

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
 Data File : VU028154.D
 Acq On : 15 Nov 2018 05:16
 Operator : MD/SY
 Sample : J5943-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FN2

Quant Time: Nov 16 13:28:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 16 00:43:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	130717	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	123932	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	56502	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	46432	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.68	69	40196	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.28	63	69176	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.20	46	83234	26.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	52.92%
24) Chloroform-d	4.65	84	79720	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.31	65	48555	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.34	84	173786	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.33	67	65079	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.57	98	156478	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.85	79	15177	3.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.80%
46) 2-Hexanone-d5	8.31	63	116910	45.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	44604	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	51659	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

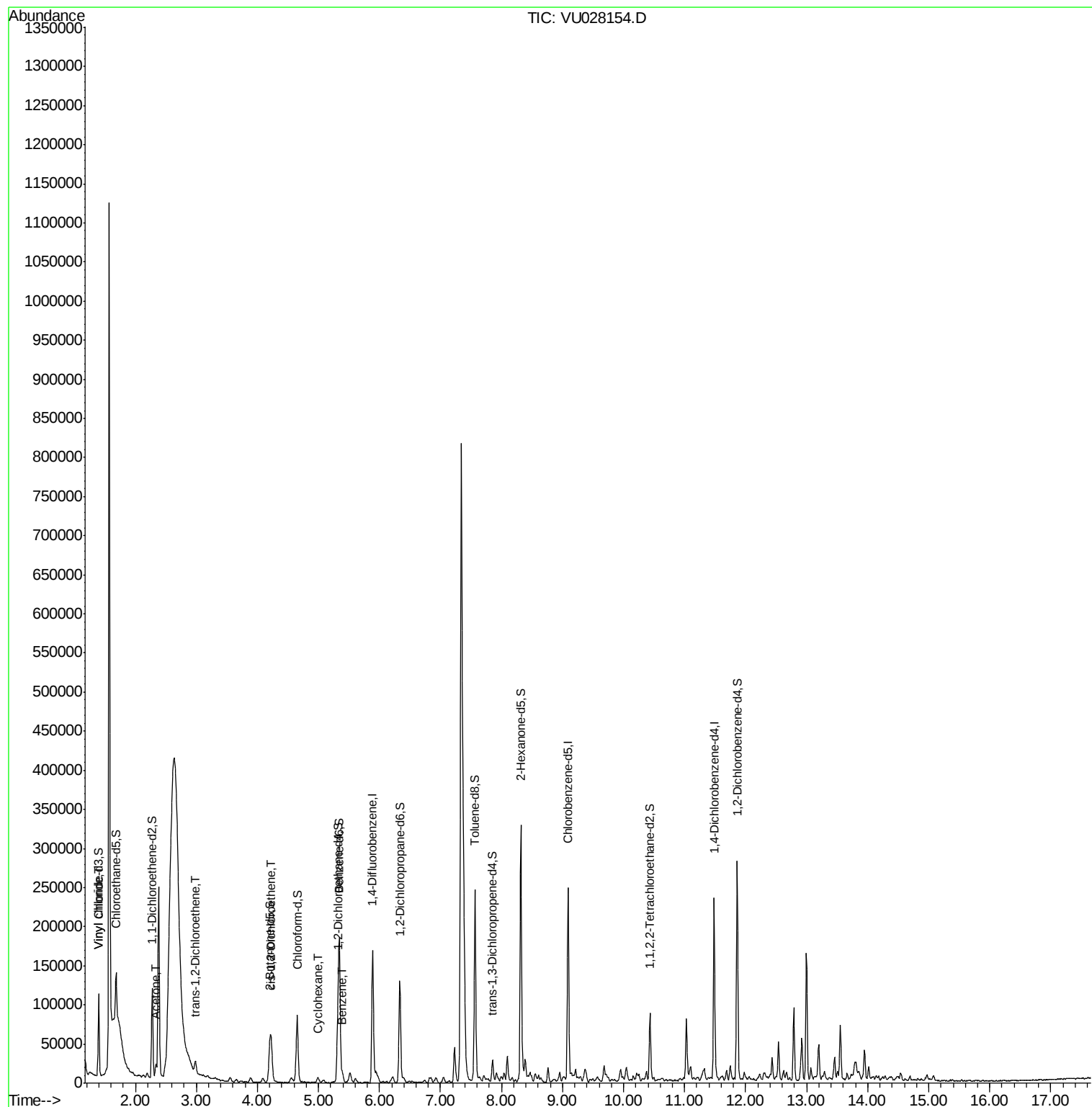
						Qvalue
5) Vinyl chloride	1.41	62	24862	1.78	ug/L	98
13) Acetone	2.34	43	20028	9.45	ug/L	89
18) trans-1,2-Dichloroethene	2.98	96	3372	0.36	ug/L	92
22) cis-1,2-Dichloroethene	4.23	96	18427	1.81	ug/L	95
30) Cyclohexane	4.99	56	3209	0.16	ug/L	90
33) Benzene	5.39	78	9110	0.22	ug/L	100

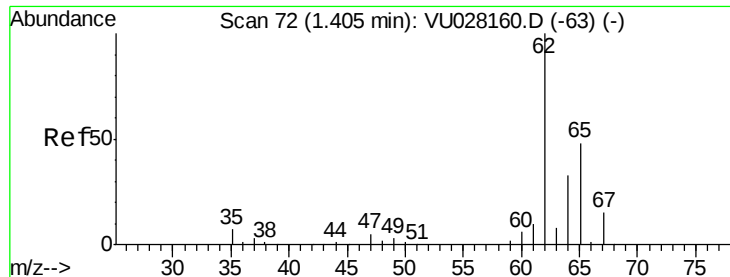
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.78 ug/L

RT: 1.41 min Scan# 72

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

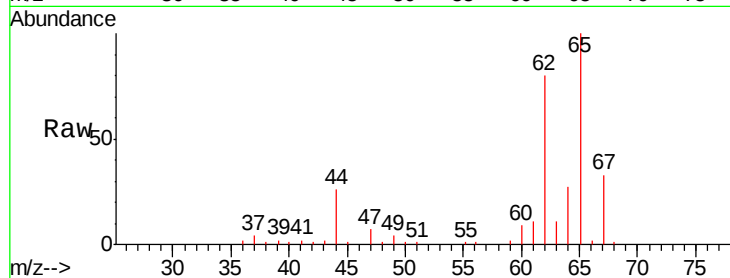
H0FN2

Tgt Ion: 62 Resp: 24862

Ion Ratio Lower Upper

62 100

64 33.6 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.41

25000

20000

15000

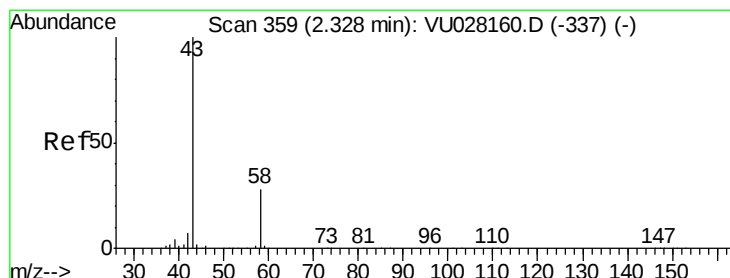
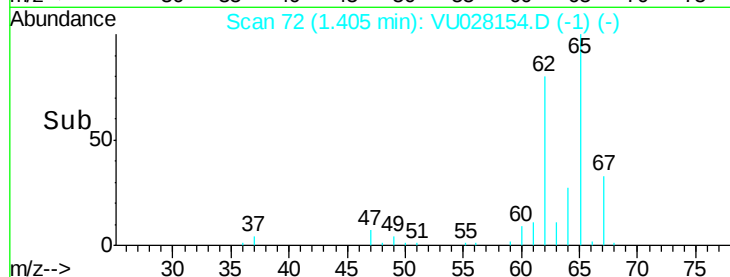
10000

5000

0

Time-->

1.35 1.40 1.45



#13

Acetone

Concen: 9.45 ug/L

RT: 2.34 min Scan# 362

Delta R.T. 0.01 min

Lab File: VU028154.D

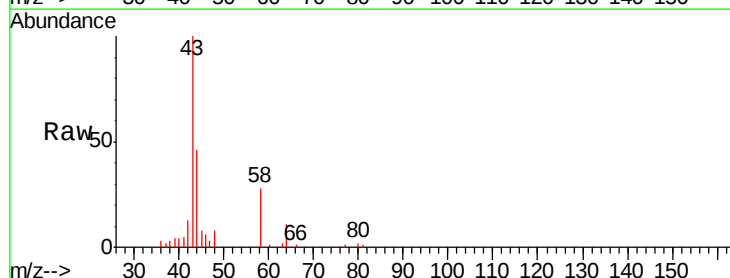
Acq: 15 Nov 2018 05:16

Tgt Ion: 43 Resp: 20028

Ion Ratio Lower Upper

43 100

58 24.8 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.34

10000

8000

6000

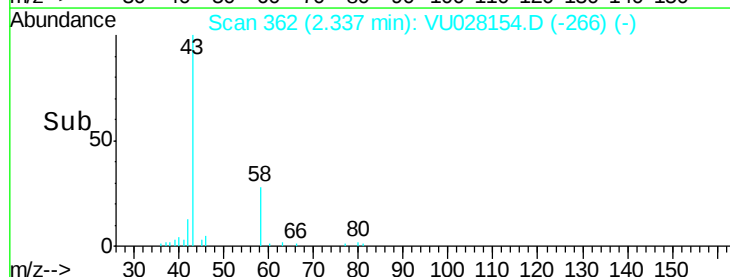
4000

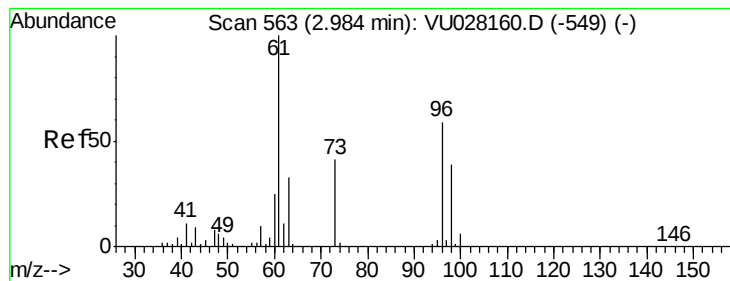
2000

0

Time-->

2.25 2.30 2.35 2.40





#18

trans-1,2-Dichloroethene

Concen: 0.36 ug/L

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU028154.D

Acq: 15 Nov 2018 05:16

Instrument :

MSVOA_U

ClientSampleId :

H0FN2

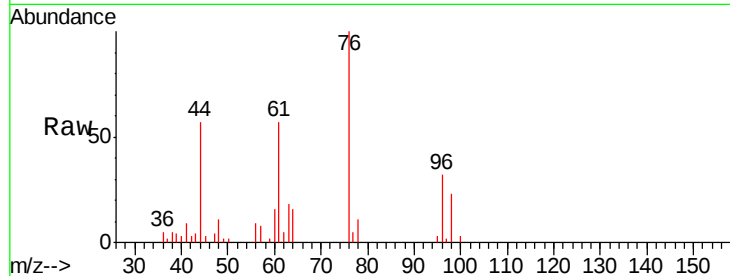
Tgt Ion: 96 Resp: 3372

Ion Ratio Lower Upper

96 100

61 178.4 118.5 220.1

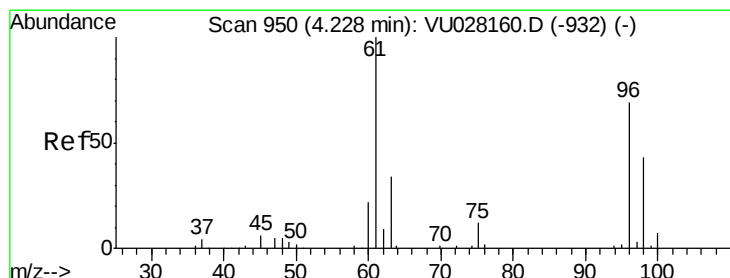
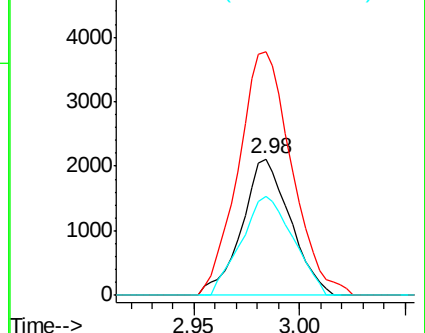
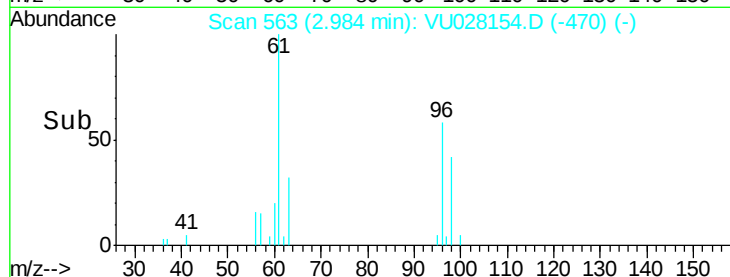
98 72.3 44.9 83.5



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0



#22

cis-1,2-Dichloroethene

Concen: 1.81 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU028154.D

Acq: 15 Nov 2018 05:16

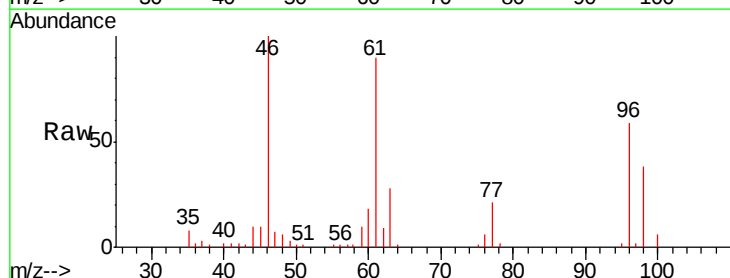
Tgt Ion: 96 Resp: 18427

Ion Ratio Lower Upper

96 100

61 152.1 101.8 189.0

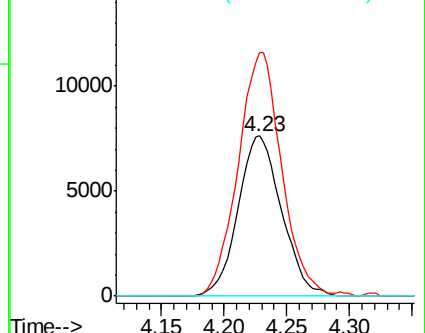
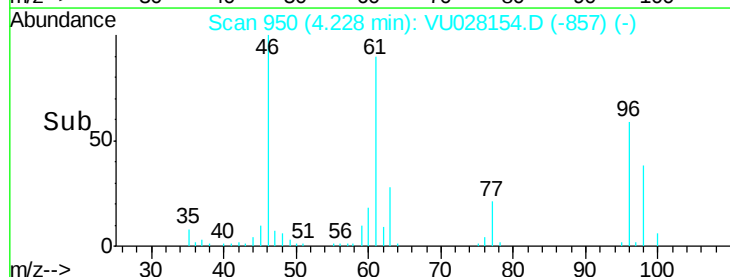
68 0.0 0.0 0.0

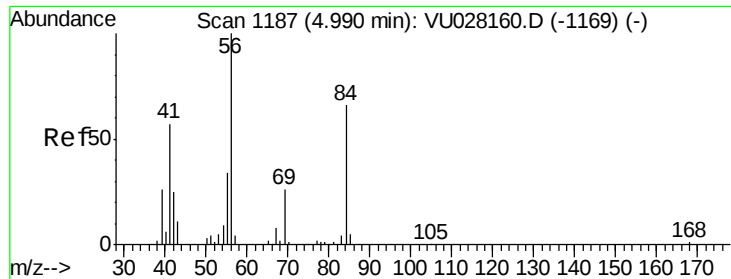


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

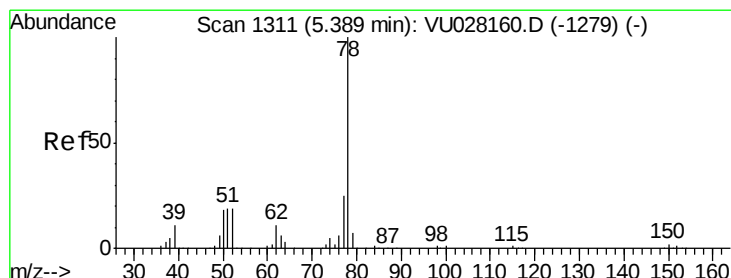
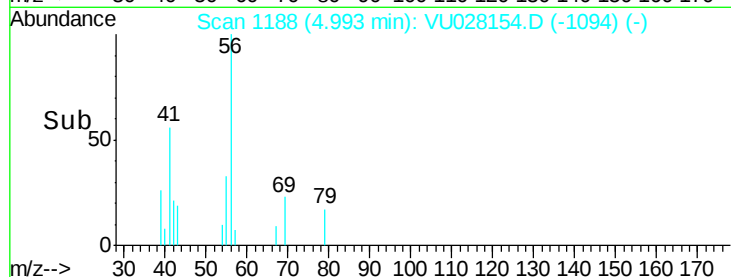
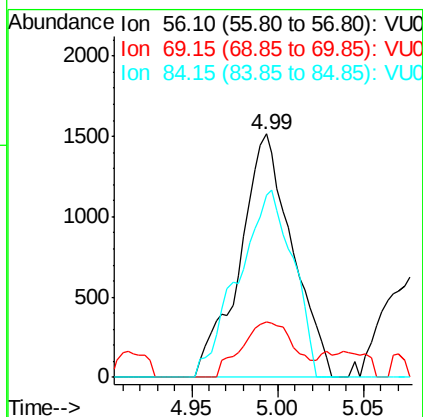
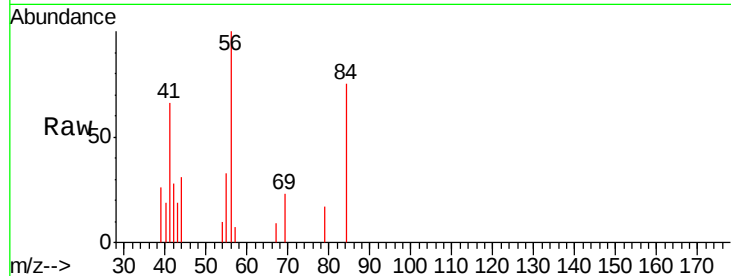




#30
Cyclohexane
Concen: 0.16 ug/L
RT: 4.99 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU028154.D
Acq: 15 Nov 2018 05:16

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H0FN2

Tgt Ion: 56 Resp: 3209
Ion Ratio Lower Upper
56 100
69 23.2 22.6 33.8
84 80.1 57.7 86.5



#33
Benzene
Concen: 0.22 ug/L
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU028154.D
Acq: 15 Nov 2018 05:16

Tgt Ion: 78 Resp: 9110

