

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
 Data File : VU039228.D
 Acq On : 30 Jun 2020 08:14
 Operator : SY/MD
 Sample : L3116-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q55

Quant Time: Jun 30 11:14:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 30 06:54:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	213046	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	215815	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	95171	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	69840	3.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.60%
7) Chloroethane-d5	1.93	69	56635	3.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.20%
11) 1,1-Dichloroethene-d2	2.59	63	108360	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	4.67	46	197929	33.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.28%
24) Chloroform-d	5.10	84	131355	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.60%
26) 1,2-Dichloroethane-d4	5.74	65	77800	3.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.20%
32) Benzene-d6	5.76	84	249398	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.00%
36) 1,2-Dichloropropane-d6	6.72	67	80122	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.60%
41) Toluene-d8	7.92	98	203696	3.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.00%#
43) trans-1,3-Dichloropropene-	8.20	79	31802	3.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.60%
46) 2-Hexanone-d5	8.65	63	131330	28.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	57.76%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	61260	3.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	61.80%#
64) 1,2-Dichlorobenzene-d4	12.20	152	78437	3.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.40%#

Target Compounds

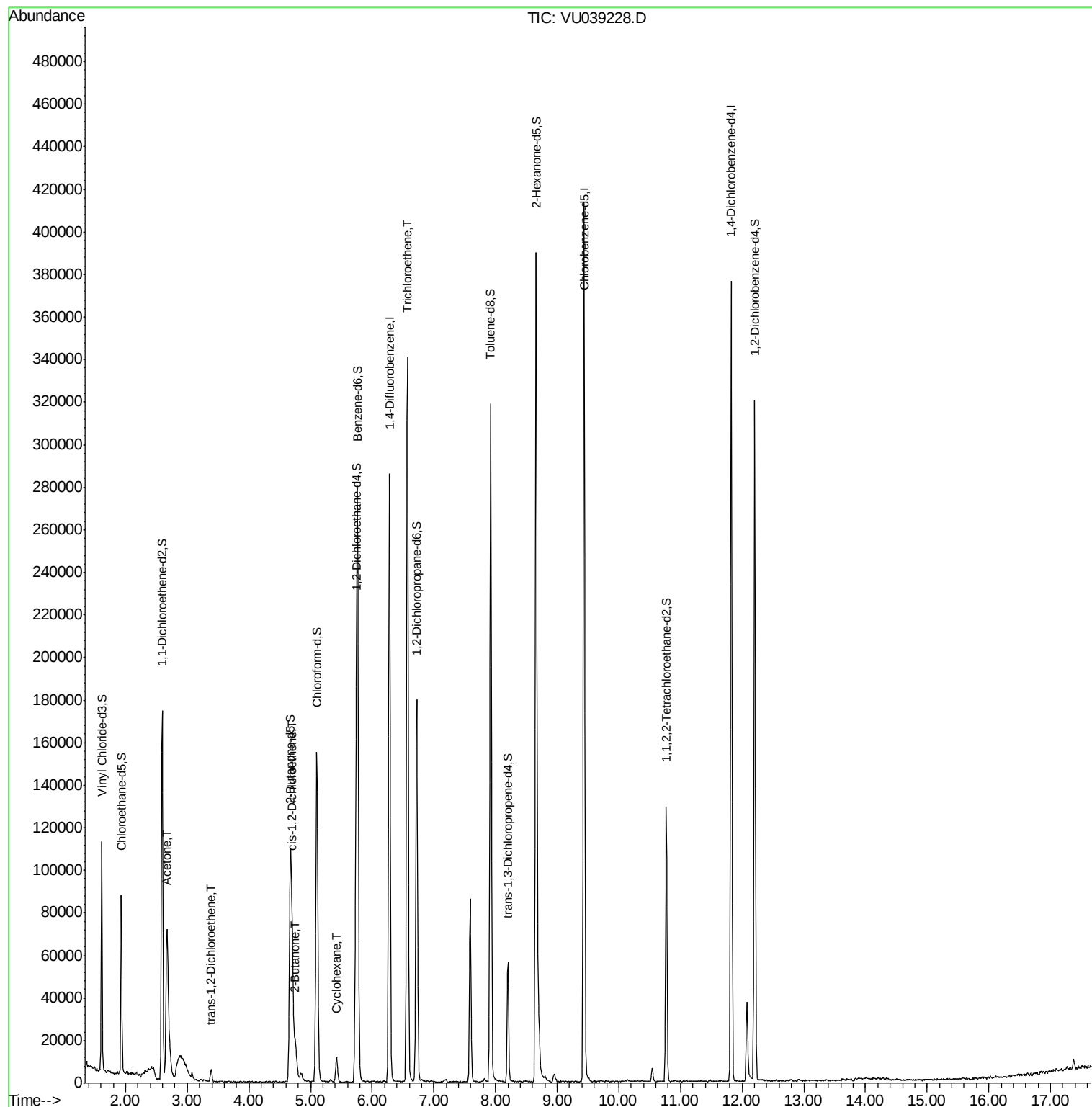
					Ovalue
13) Acetone	2.67	43	142625	38.953	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	2556	0.153	ug/L 84
21) 2-Butanone	4.75	43	25586	4.400	ug/L 98
22) cis-1,2-Dichloroethene	4.70	96	13594	0.811	ug/L 94
30) Cyclohexane	5.42	56	4964	0.183	ug/L 94
34) Trichloroethene	6.57	95	112448	6.325	ug/L 97

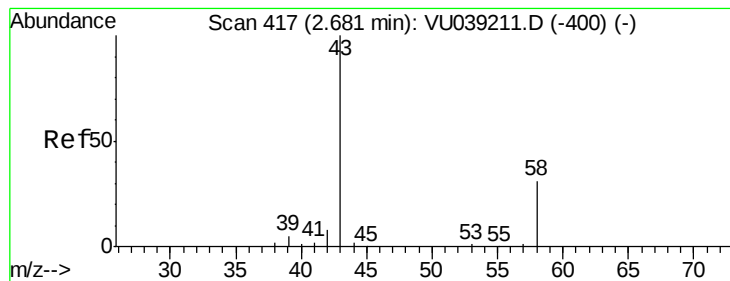
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 38.953 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU039228.D

Acq: 30 Jun 2020 08:14

Instrument :

MSVOA_U

ClientSampleId :

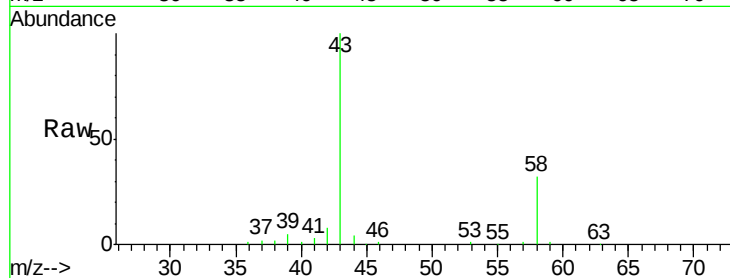
F9Q55

Tot Ion: 43 Resp: 142625

Ion Ratio Lower Upper

43 100

58 31.2 0.0 63.2



Abundance Ion 43.05 (42.75 to 43.75): VU039228.D (-324) (-)

Ion 58.05 (57.75 to 58.75): VU039228.D (-324) (-)

2.67

50000

40000

30000

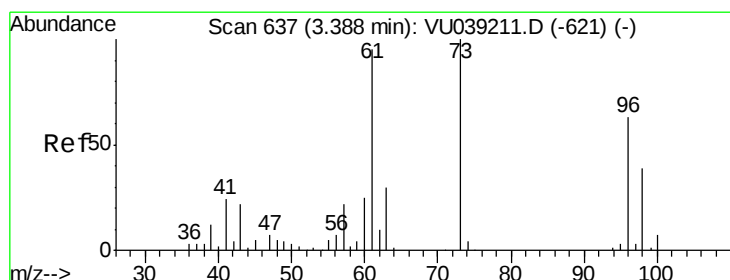
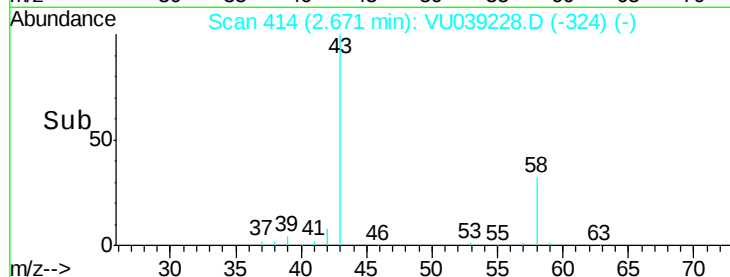
20000

10000

0

Time-->

2.60 2.70 2.80



#18

trans-1,2-Dichloroethene

Concen: 0.153 ug/L

RT: 3.39 min Scan# 637

Delta R.T. 0.00 min

Lab File: VU039228.D

Acq: 30 Jun 2020 08:14

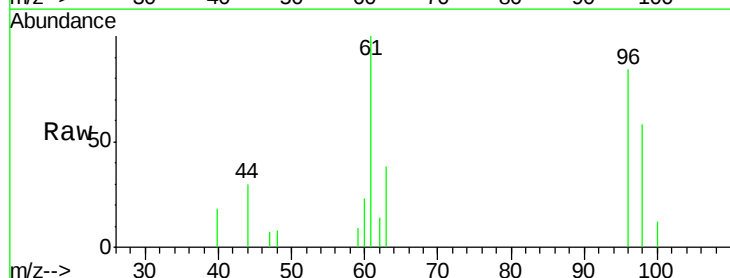
Tgt Ion: 96 Resp: 2556

Ion Ratio Lower Upper

96 100

61 118.7 100.5 186.7

98 69.4 44.7 83.1



Abundance Ion 96.00 (95.70 to 96.70): VU039228.D (-544) (-)

Ion 61.05 (60.75 to 61.75): VU039228.D (-544) (-)

Ion 97.95 (97.65 to 98.65): VU039228.D (-544) (-)

3.39

2000

1500

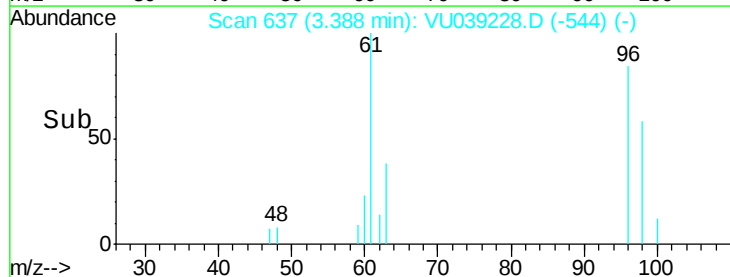
1000

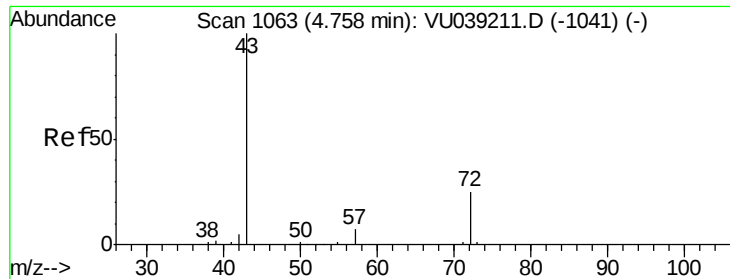
500

0

Time-->

3.35 3.40





#21

2-Butanone

Concen: 4.400 ug/L

RT: 4.75 min Scan# 1062

Delta R.T. -0.00 min

Lab File: VU039228.D

Acq: 30 Jun 2020 08:14

Instrument :

MSVOA_U

ClientSampleId :

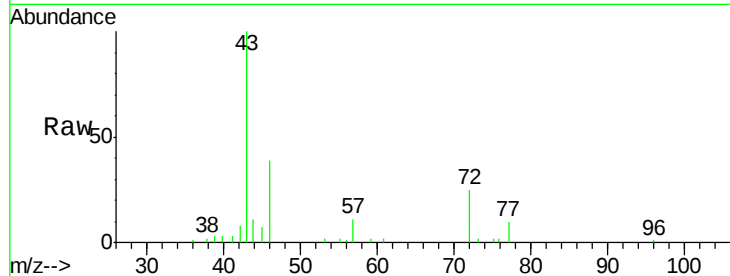
F9Q55

Tot Ion: 43 Resp: 25586

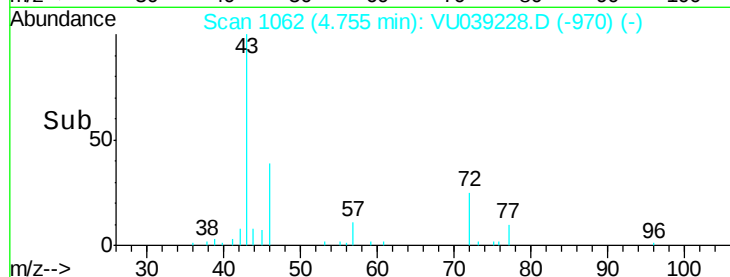
Ion Ratio Lower Upper

43 100

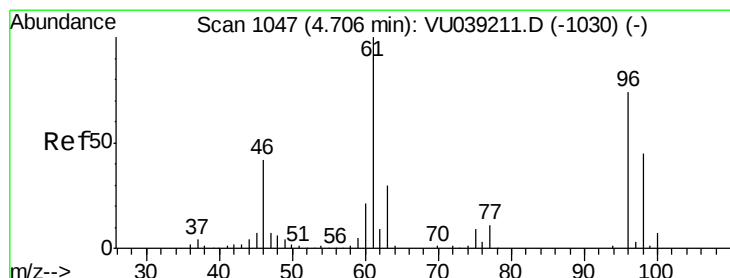
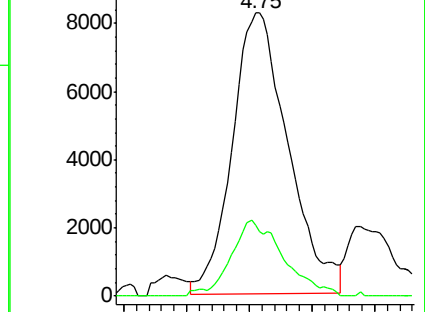
72 25.4 13.2 39.6



Abundance Ion 43.05 (42.75 to 43.75): VU039228.D (-970) (-)



Ion 72.10 (71.80 to 72.80): VU039228.D (-970) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.811 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU039228.D

Acq: 30 Jun 2020 08:14

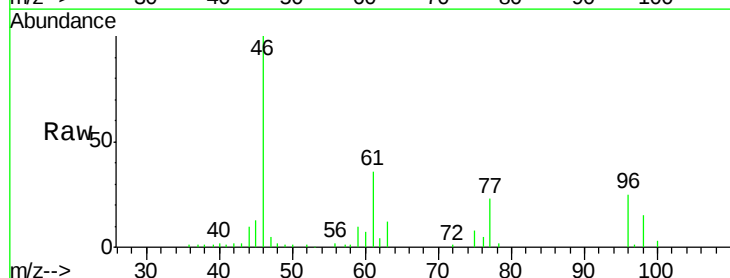
Tgt Ion: 96 Resp: 13594

Ion Ratio Lower Upper

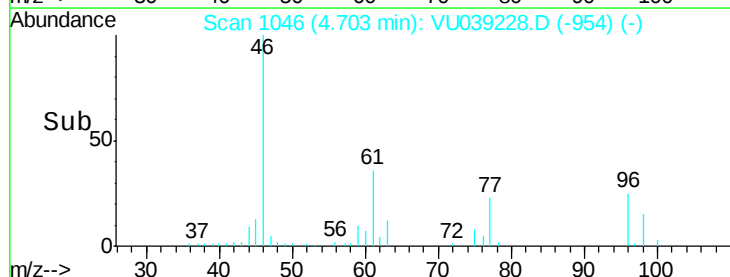
96 100

61 145.3 96.3 178.9

68 0.0 0.0 0.0

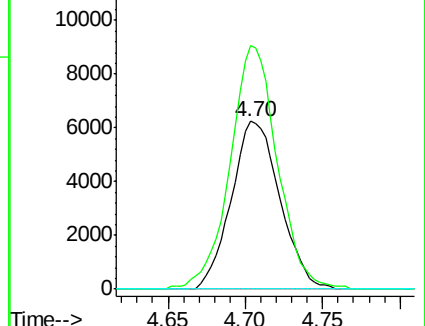


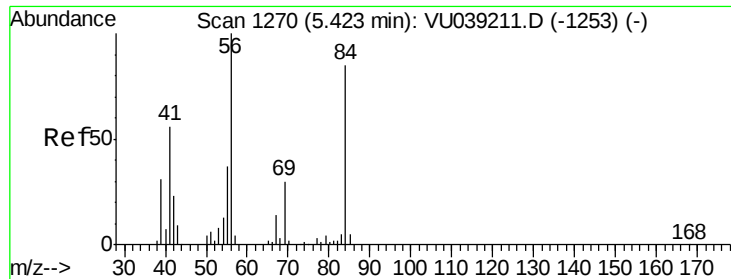
Abundance Ion 96.00 (95.70 to 96.70): VU039228.D (-954) (-)



Ion 61.05 (60.75 to 61.75): VU039228.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU039228.D (-954) (-)

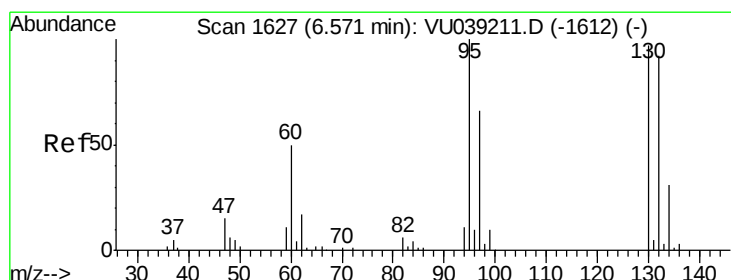
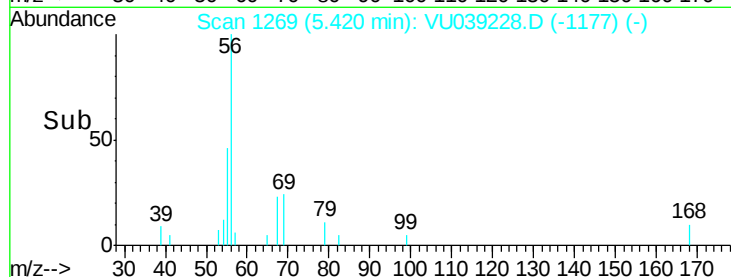
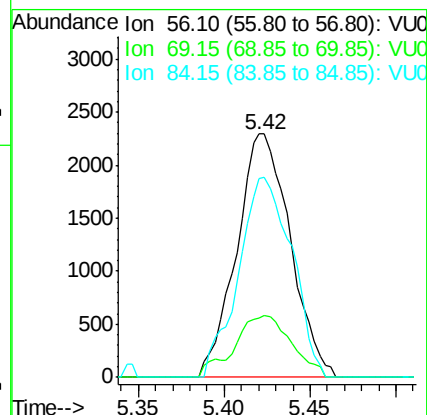
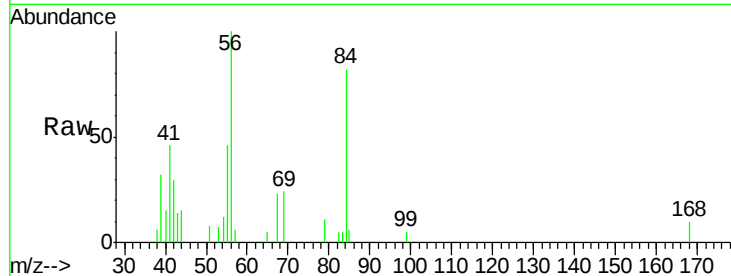




#30
Cyclohexane
Concen: 0.183 ug/L
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU039228.D
Acq: 30 Jun 2020 08:14

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Tot Ion: 56 Resp: 4964
Ion Ratio Lower Upper
56 100
69 27.2 25.0 37.4
84 81.6 69.4 104.2



#34
Trichloroethene
Concen: 6.325 ug/L
RT: 6.57 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VU039228.D
Acq: 30 Jun 2020 08:14

Tgt Ion: 95 Resp: 112448
Ion Ratio Lower Upper
95 100
97 60.5 44.0 81.8
132 91.2 61.2 113.8
130 93.0 66.4 123.4

