

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038602.D
 Acq On : 06 Jun 2020 05:13
 Operator : SY/MD
 Sample : L2910-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D26

Quant Time: Jun 06 07:03:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 06 06:21:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	297708	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	298743	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	143062	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	61944	3.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.40%
7) Chloroethane-d5	1.93	69	56907	3.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.80%
11) 1,1-Dichloroethene-d2	2.59	63	104938	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	4.67	46	308821	52.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.52%
24) Chloroform-d	5.10	84	166198	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.74	65	97168	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.76	84	323191	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.72	67	102696	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.92	98	270287	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	8.20	79	37544	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.65	63	260209	53.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.84%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	94894	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	118397	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

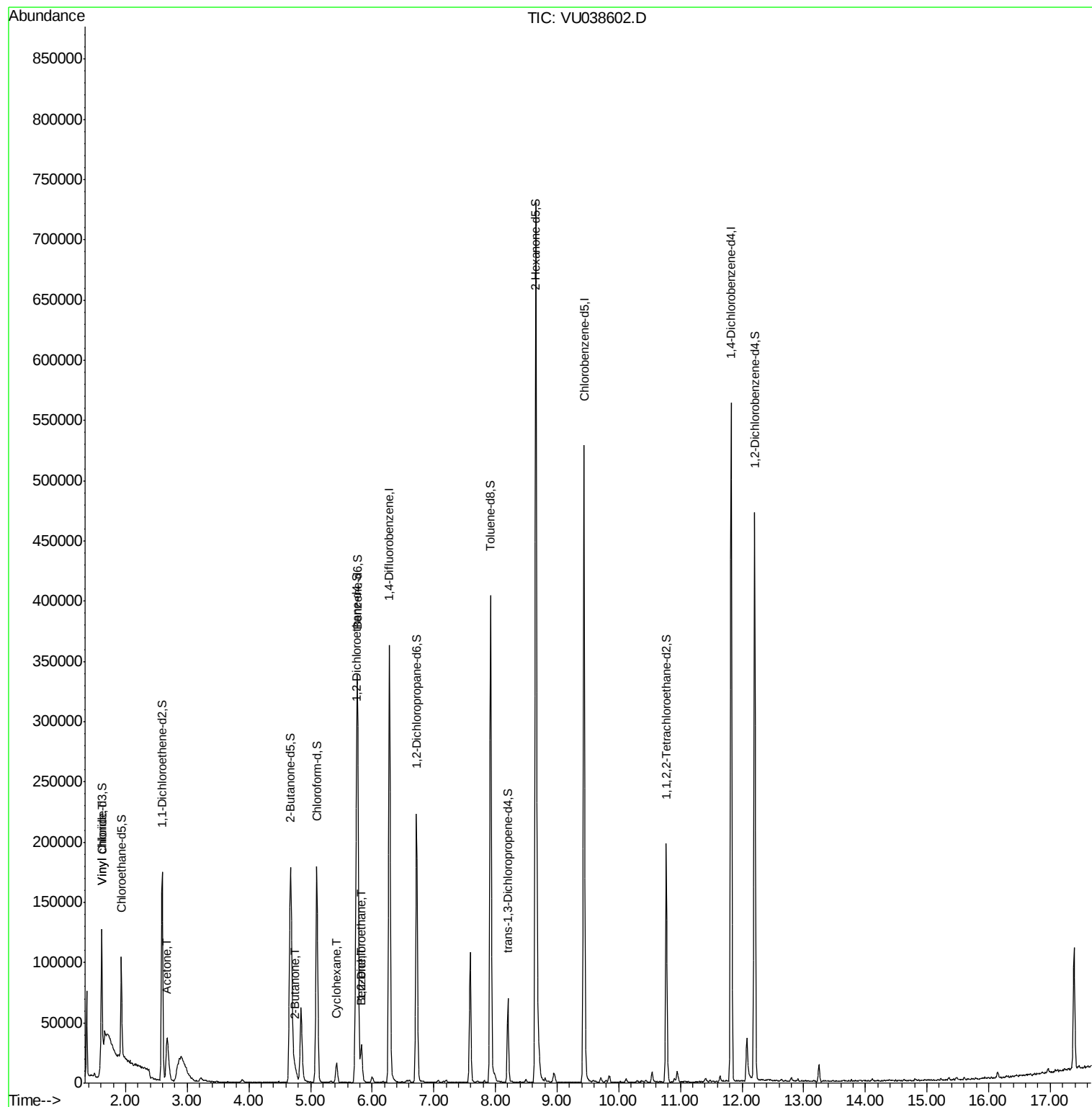
					Ovalue
5) Vinyl chloride	1.62	62	9853	0.427 ug/L #	1
13) Acetone	2.67	43	68570	17.901 ug/L	99
21) 2-Butanone	4.75	43	10131	1.572 ug/L	86
27) 1,2-Dichloroethane	5.83	62	21616	0.855 ug/L	95
30) Cyclohexane	5.42	56	7504	0.226 ug/L	99
33) Benzene	5.81	78	7908	0.095 ug/L	100

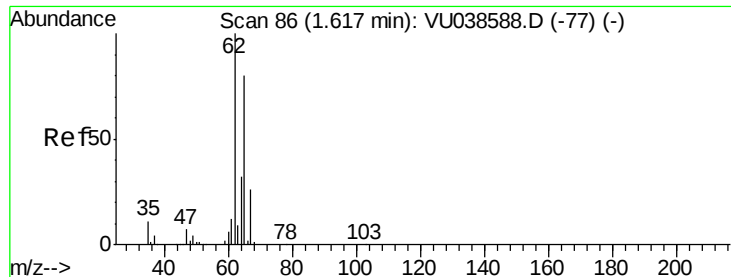
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 06 06:21:54 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.427 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU038602.D

Acq: 06 Jun 2020 05:13

Instrument :

MSVOA_U

ClientSampleId :

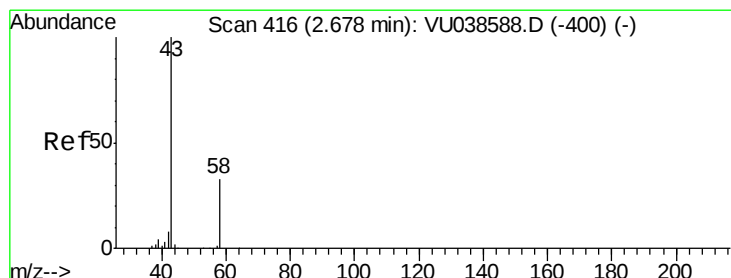
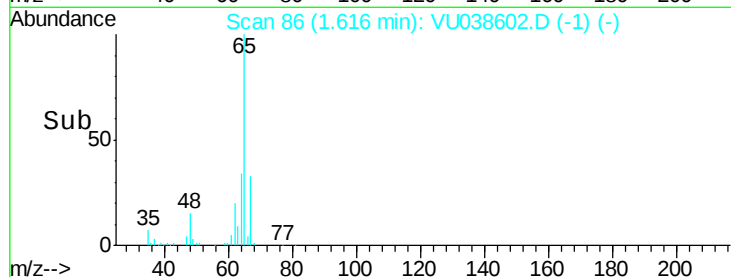
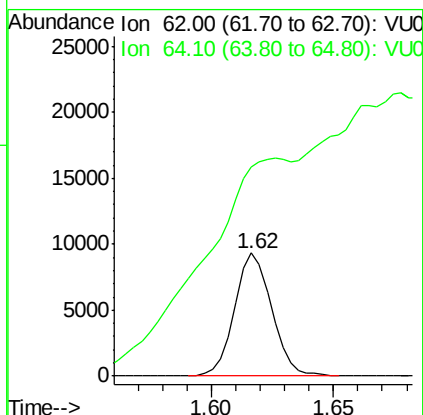
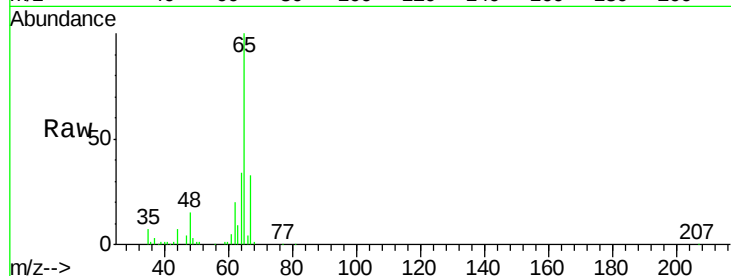
F9D26

Tot Ion: 62 Resp: 9853

Ion Ratio Lower Upper

62 100

64 169.8 23.7 43.9#



#13

Acetone

Concen: 17.901 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU038602.D

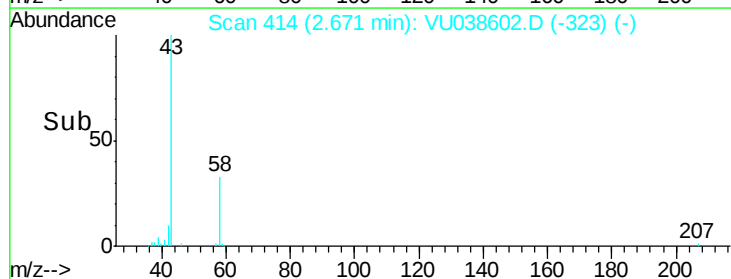
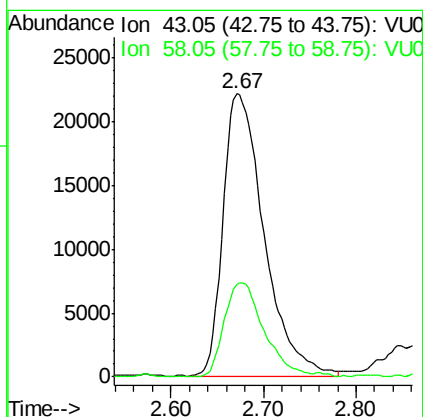
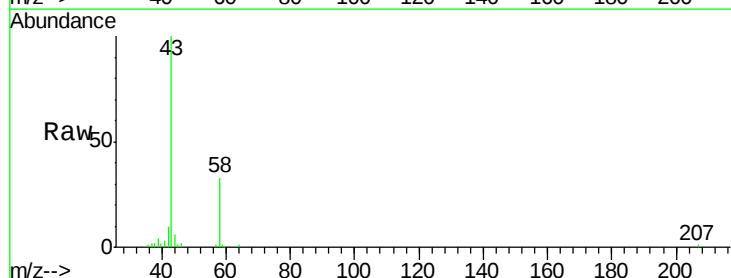
Acq: 06 Jun 2020 05:13

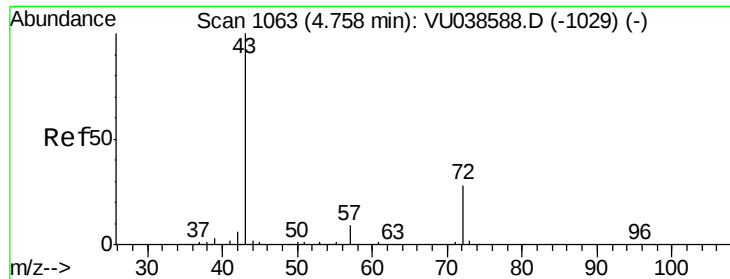
Tgt Ion: 43 Resp: 68570

Ion Ratio Lower Upper

43 100

58 32.0 0.0 65.6





#21

2-Butanone

Concen: 1.572 ug/L

RT: 4.75 min Scan# 1062

Delta R.T. -0.00 min

Lab File: VU038602.D

Acq: 06 Jun 2020 05:13

Instrument :

MSVOA_U

ClientSampleId :

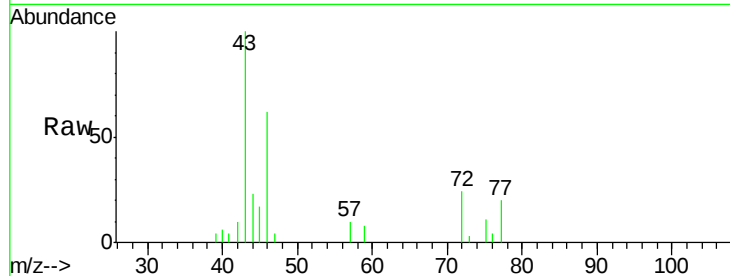
F9D26

Tot Ion: 43 Resp: 10131

Ion Ratio Lower Upper

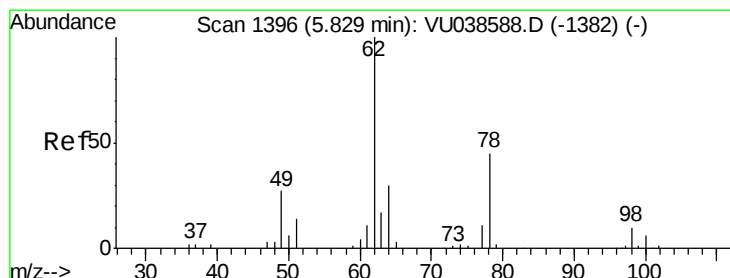
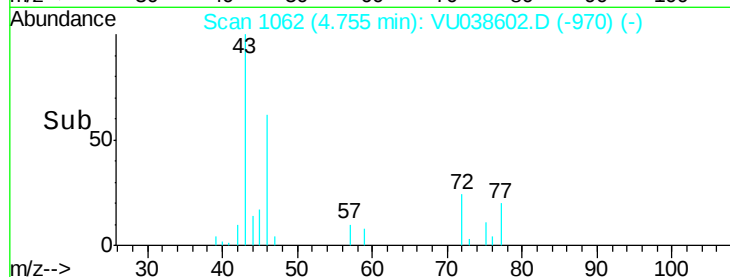
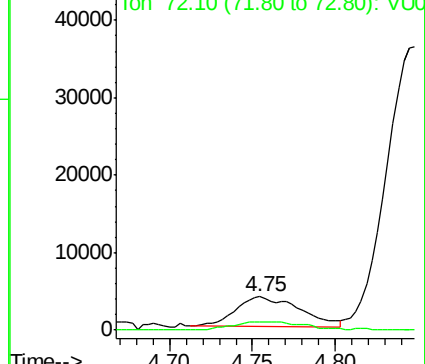
43 100

72 32.3 12.6 37.8



Abundance Ion 43.05 (42.75 to 43.75): VU038602.D (-970) (-)

Ion 72.10 (71.80 to 72.80): VU038602.D (-970) (-)



#27

1,2-Dichloroethane

Concen: 0.855 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VU038602.D

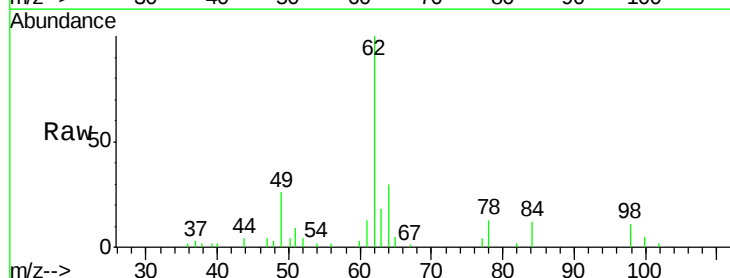
Acq: 06 Jun 2020 05:13

Tgt Ion: 62 Resp: 21616

Ion Ratio Lower Upper

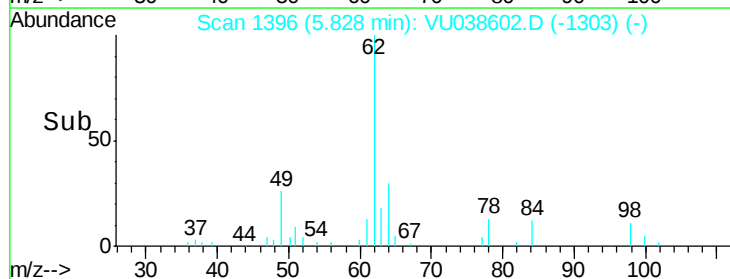
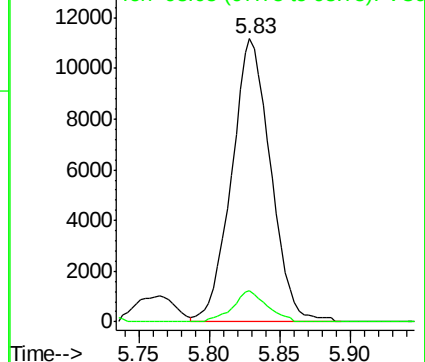
62 100

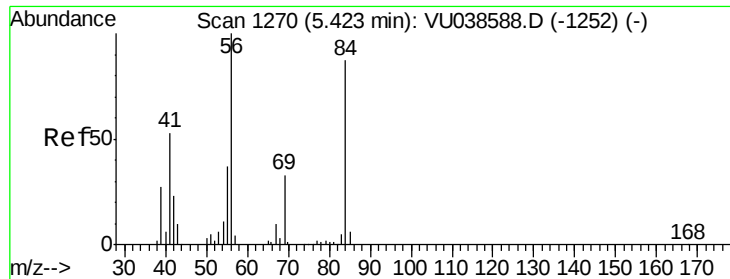
98 11.1 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VU038602.D (-1303) (-)

Ion 98.05 (97.75 to 98.75): VU038602.D (-1303) (-)

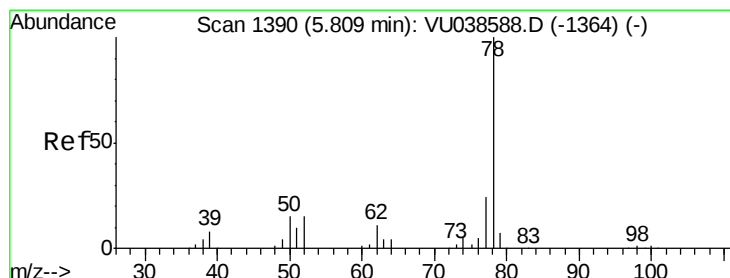
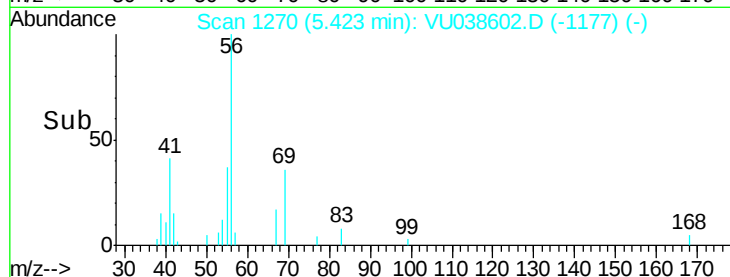
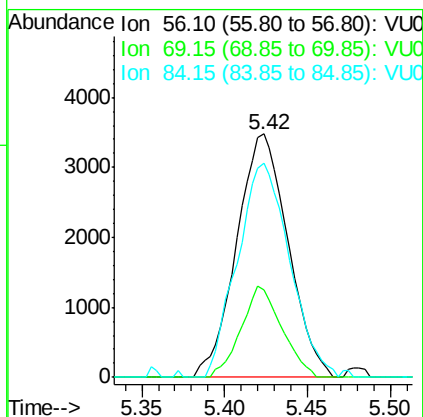
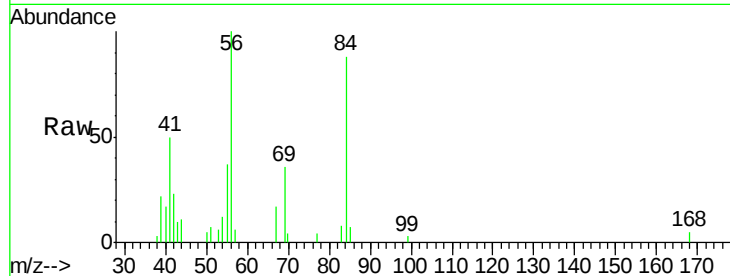




#30
Cyclohexane
Concen: 0.226 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038602.D
Acq: 06 Jun 2020 05:13

Instrument :
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ClientSampleId :
F9D26

Tot Ion: 56 Resp: 7504
Ion Ratio Lower Upper
56 100
69 29.7 24.2 36.4
84 89.4 70.8 106.2



#33
Benzene
Concen: 0.095 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU038602.D
Acq: 06 Jun 2020 05:13

Tgt Ion: 78 Resp: 7908

