

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U060620\
 Data File : VU038628.D
 Acq On : 06 Jun 2020 19:35
 Operator : SY/MD
 Sample : L2912-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D39

Quant Time: Jun 07 06:15:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jun 07 04:01:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	315330	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	314005	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	150635	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63975	3.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.80%
7) Chloroethane-d5	1.93	69	62918	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.20%
11) 1,1-Dichloroethene-d2	2.59	63	110272	2.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.00%#
20) 2-Butanone-d5	4.67	46	352107	56.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.58%
24) Chloroform-d	5.10	84	179099	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.74	65	107129	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.76	84	349337	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.72	67	113473	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.92	98	288864	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.20	79	43183	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.65	63	302422	59.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.14%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	106122	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	129228	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

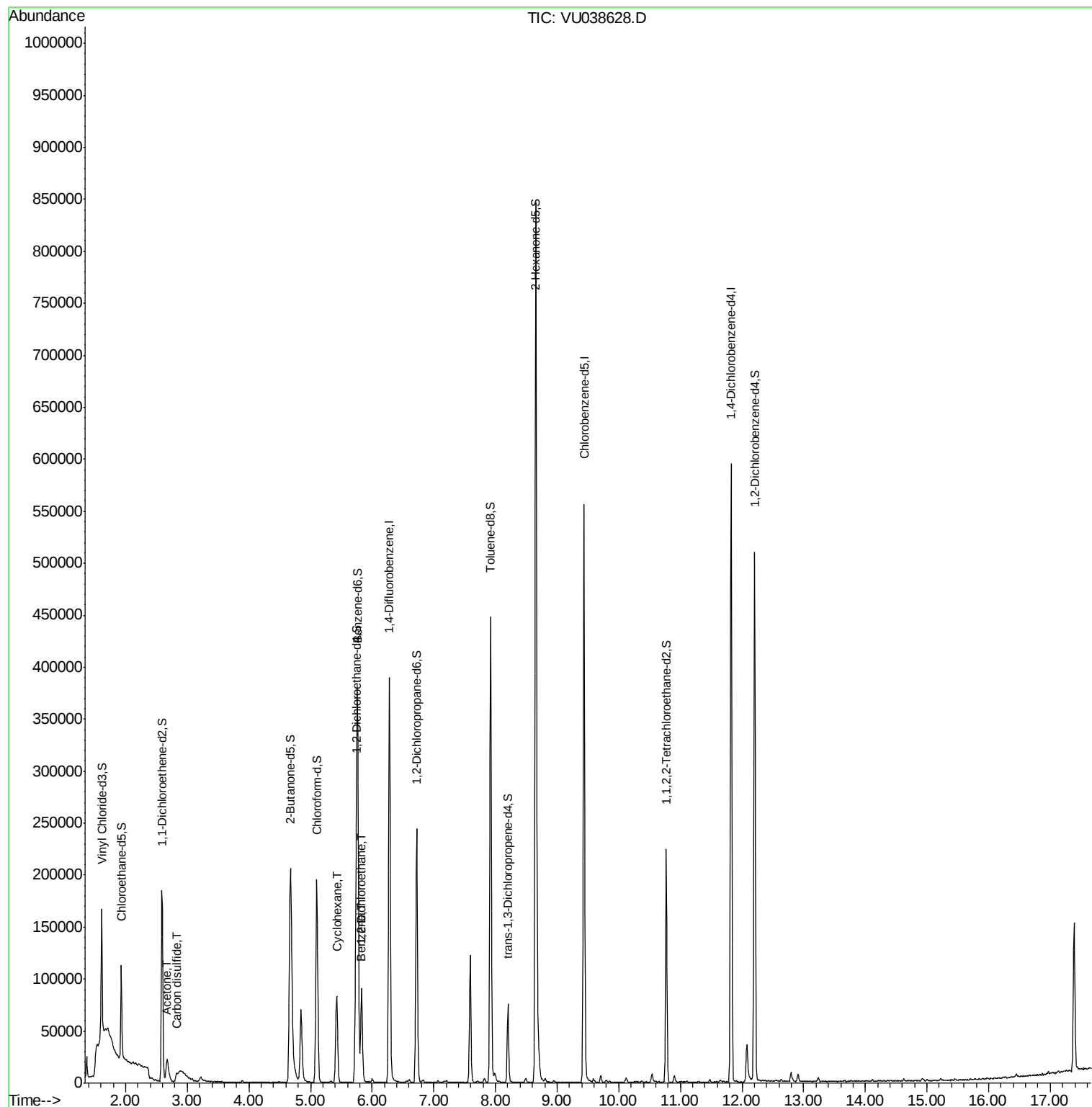
					Ovalue
13) Acetone	2.67	43	39042	9.623 ug/L	96
14) Carbon disulfide	2.83	76	6688	0.101 ug/L	98
27) 1,2-Dichloroethane	5.83	62	71643	2.675 ug/L	100
30) Cyclohexane	5.42	56	41075	1.179 ug/L	97
33) Benzene	5.81	78	9109	0.104 ug/L	100

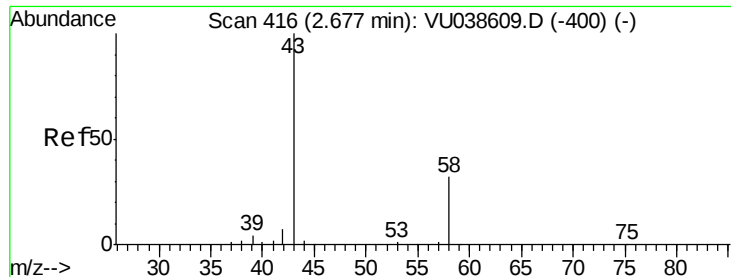
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.623 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.00 min

Lab File: VU038628.D

Acq: 06 Jun 2020 19:35

Instrument :

MSVOA_U

ClientSampleId :

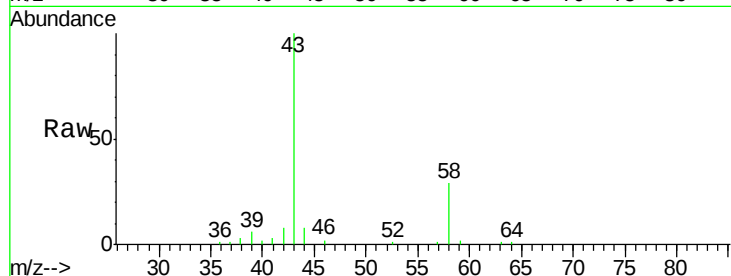
F9D39

Tot Ion: 43 Resp: 39042

Ion Ratio Lower Upper

43 100

58 30.4 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038628.D (-323) (-)

Ion 58.05 (57.75 to 58.75): VU038628.D (-323) (-)

2.67

15000

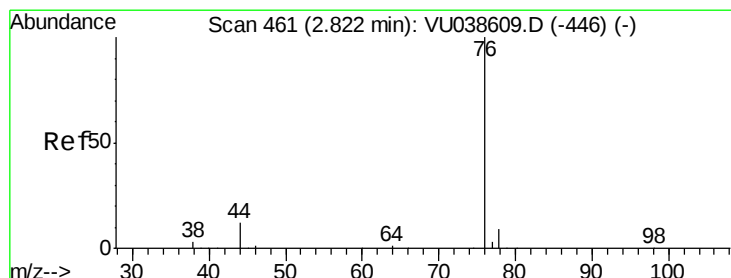
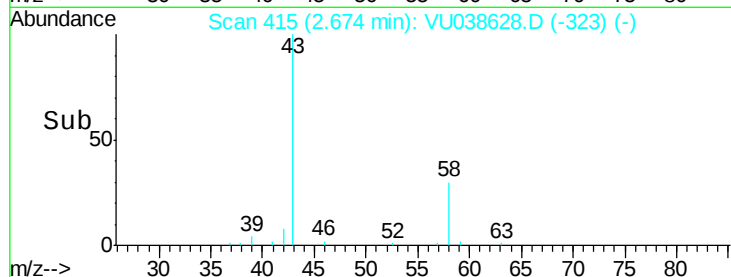
10000

5000

0

Time-->

2.60 2.70 2.80



#14

Carbon disulfide

Concen: 0.101 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU038628.D

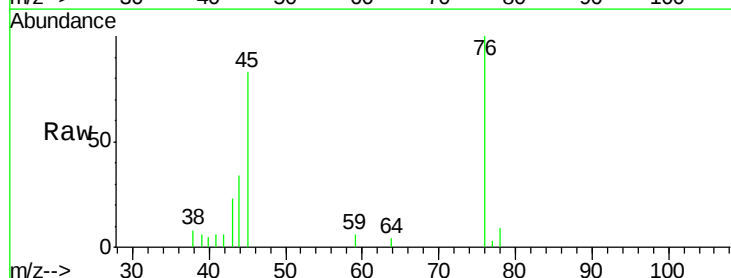
Acq: 06 Jun 2020 19:35

Tgt Ion: 76 Resp: 6688

Ion Ratio Lower Upper

76 100

78 8.5 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VU038628.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VU038628.D (-368) (-)

2.83

3000

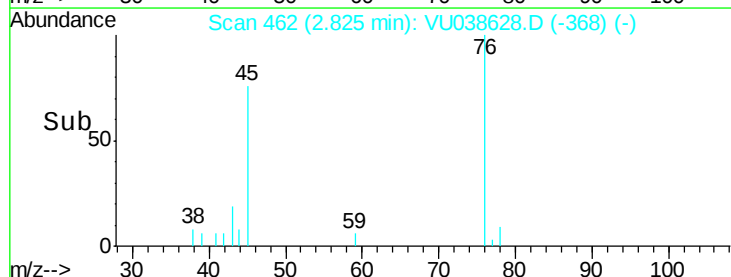
2000

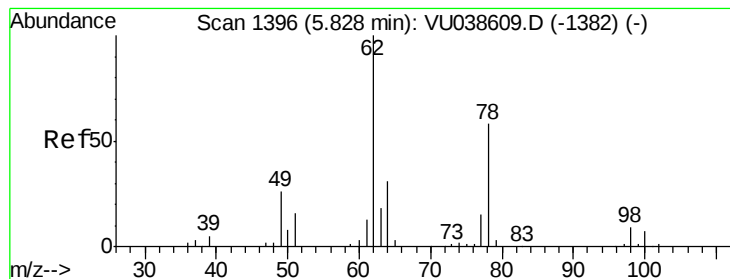
1000

0

Time-->

2.75 2.80 2.85





#27

1,2-Dichloroethane

Concen: 2.675 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VU038628.D

Acq: 06 Jun 2020 19:35

Instrument :

MSVOA_U

ClientSampled :

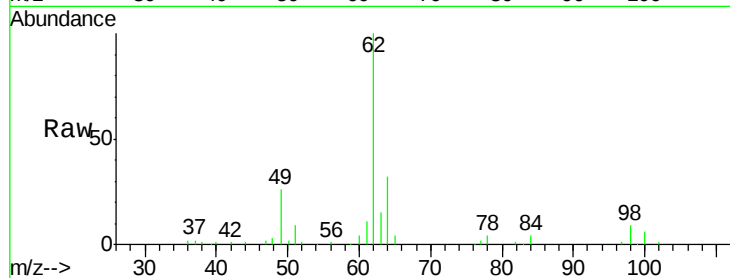
F9D39

Tot Ion: 62 Resp: 71643

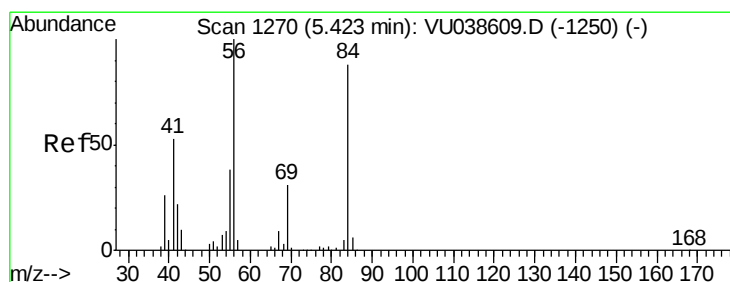
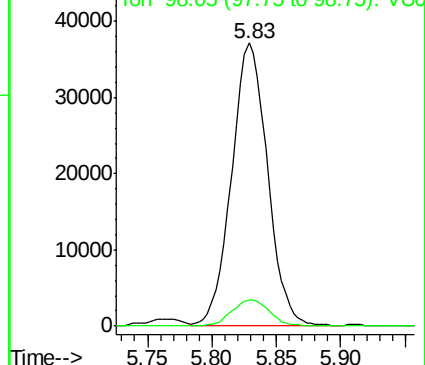
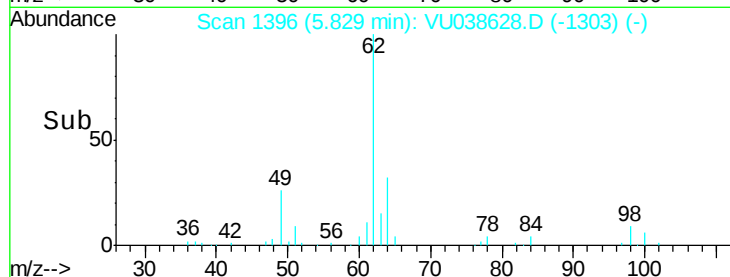
Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VU038628.D (-1303) (-)



#30

Cyclohexane

Concen: 1.179 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VU038628.D

Acq: 06 Jun 2020 19:35

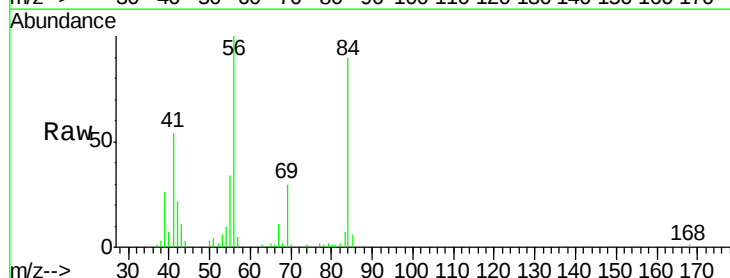
Tgt Ion: 56 Resp: 41075

Ion Ratio Lower Upper

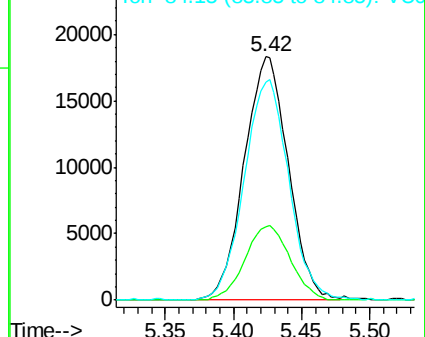
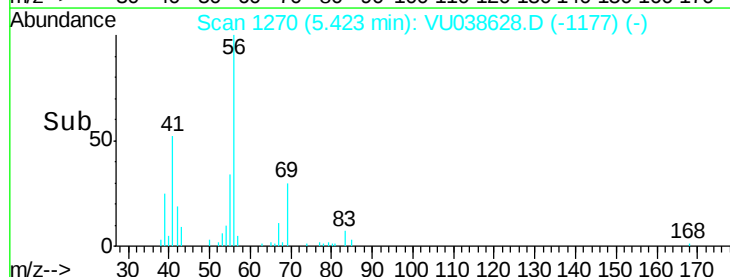
56 100

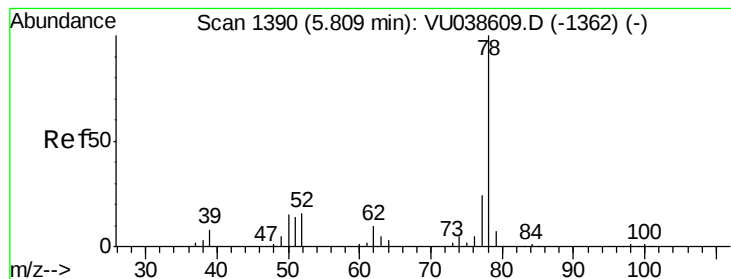
69 31.1 24.2 36.4

84 91.9 70.8 106.2



Abundance Ion 56.10 (55.80 to 56.80): VU038628.D (-1177) (-)





#33

Benzene

Concen: 0.104 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU038628.D

Acq: 06 Jun 2020 19:35

Instrument :

MSVOA_U

ClientSampleId :

F9D39

Tgt Ion: 78 Resp: 9109

