

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062620\
 Data File : VU039174.D
 Acq On : 26 Jun 2020 18:53
 Operator : SY/MD
 Sample : L3104-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q20

Quant Time: Jun 27 02:06:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 23:52:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	227336	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	247833	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	100825	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63236	3.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.00%
7) Chloroethane-d5	1.93	69	65203	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.59	63	102978	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.67	46	311948	51.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.84%
24) Chloroform-d	5.10	84	161751	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.74	65	97718	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.76	84	295021	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.72	67	100866	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.92	98	222701	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
43) trans-1,3-Dichloropropene-	8.20	79	37738	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.65	63	240632	46.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.90%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	99726	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	96171	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

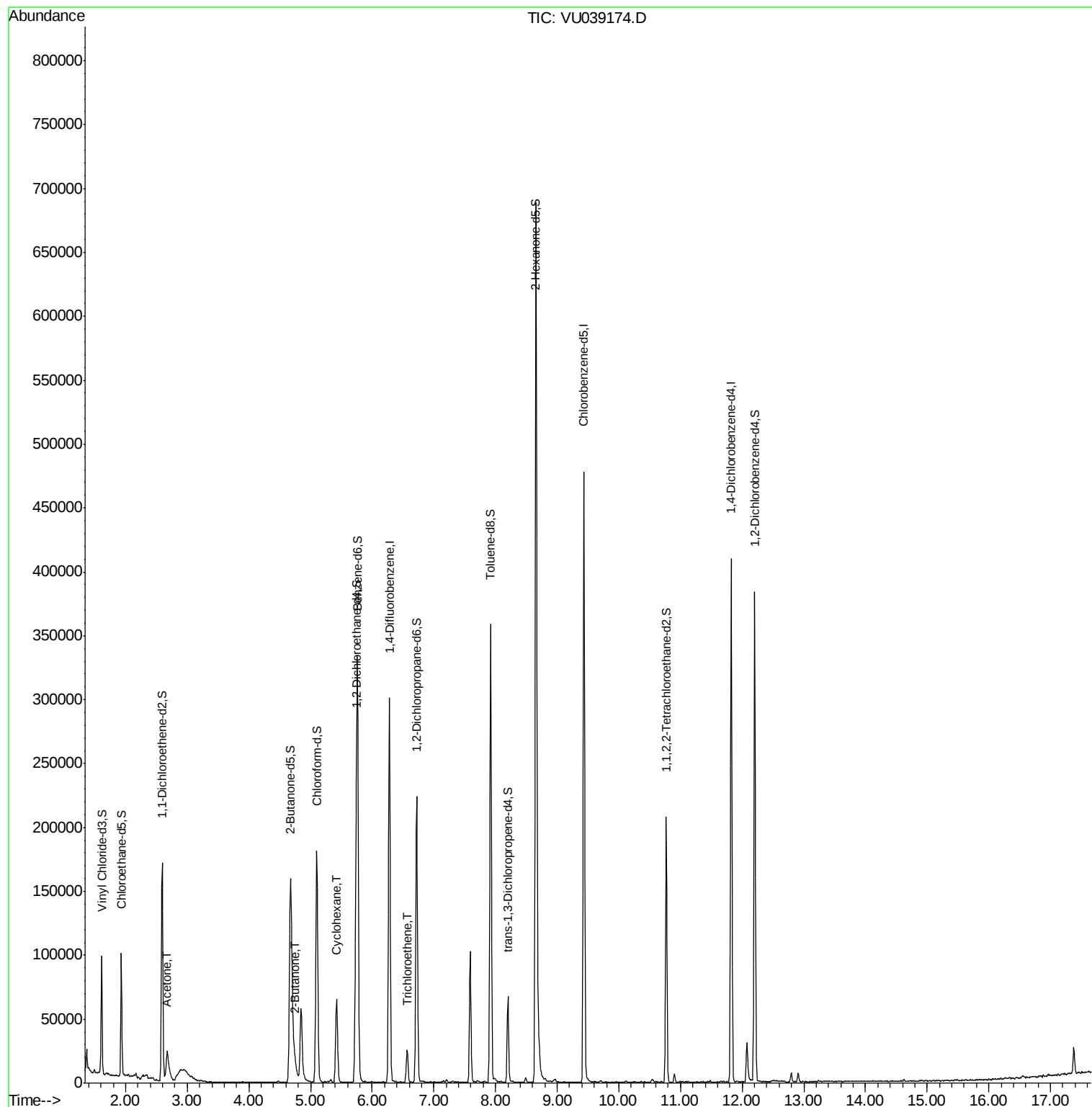
					Ovalue
13) Acetone	2.67	43	48130	11.797 ug/L	94
21) 2-Butanone	4.76	43	9828	1.584 ug/L #	54
30) Cyclohexane	5.42	56	27888	0.969 ug/L	98
34) Trichloroethene	6.57	95	6529	0.347 ug/L	88

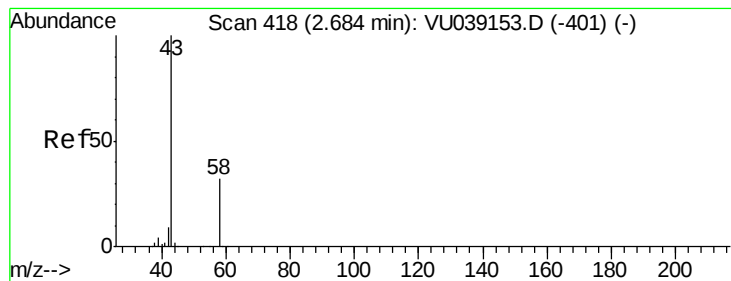
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.797 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU039174.D

Acq: 26 Jun 2020 18:53

Instrument :

MSVOA_U

ClientSampleId :

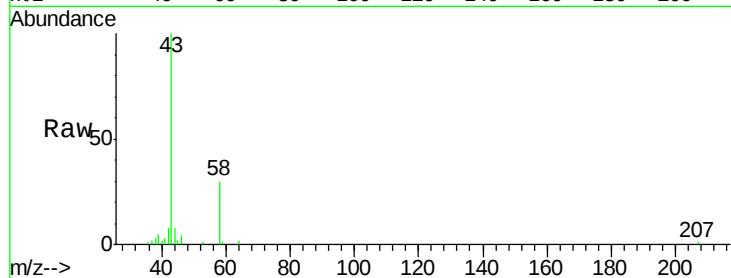
F9Q20

Tot Ion: 43 Resp: 48130

Ion Ratio Lower Upper

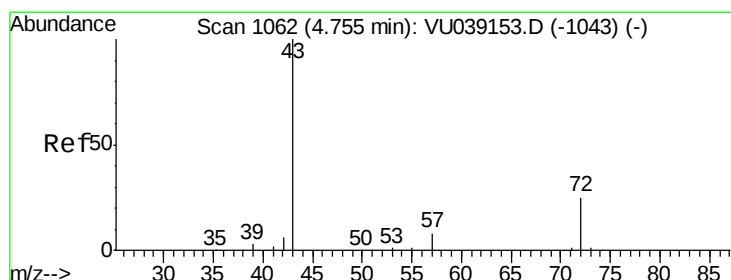
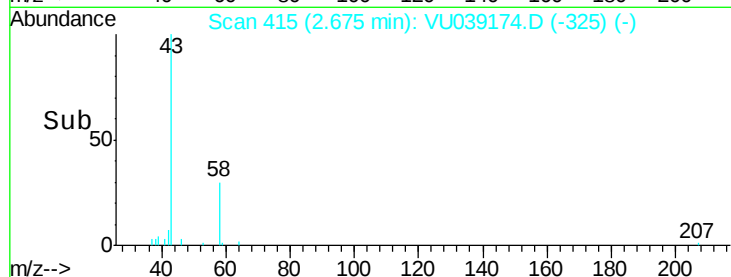
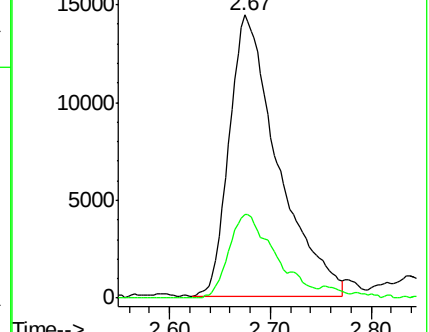
43 100

58 28.7 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU039174.D (-325) (-)

Ion 58.05 (57.75 to 58.75): VU039174.D (-325) (-)



#21

2-Butanone

Concen: 1.584 ug/L

RT: 4.76 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VU039174.D

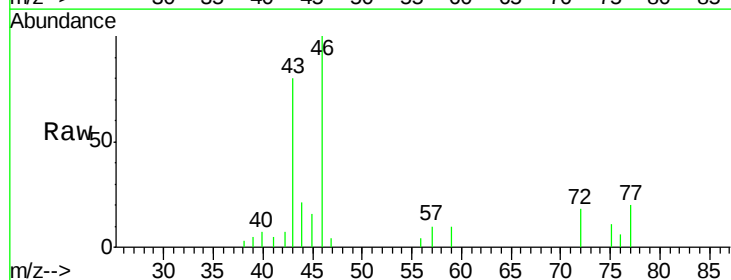
Acq: 26 Jun 2020 18:53

Tgt Ion: 43 Resp: 9828

Ion Ratio Lower Upper

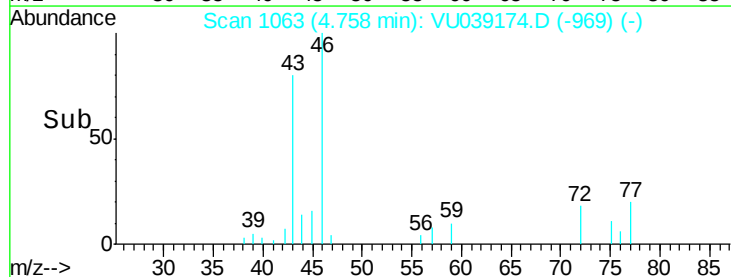
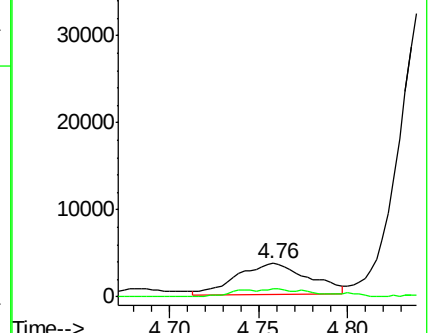
43 100

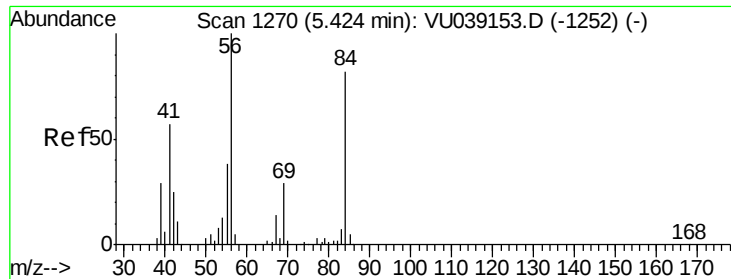
72 2.9 13.1 39.3#



Abundance Ion 43.05 (42.75 to 43.75): VU039174.D (-969) (-)

Ion 72.10 (71.80 to 72.80): VU039174.D (-969) (-)

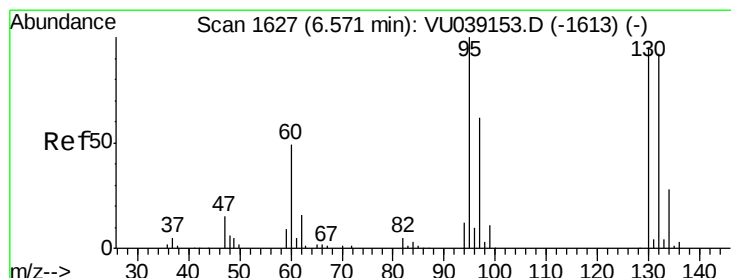
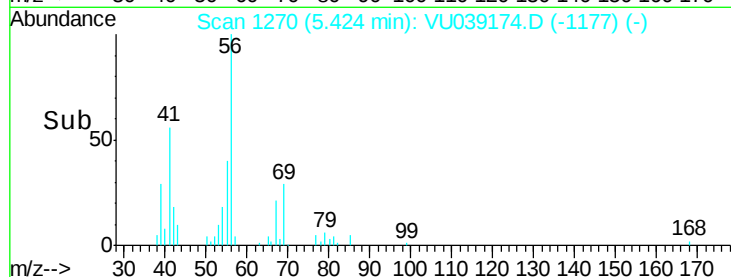
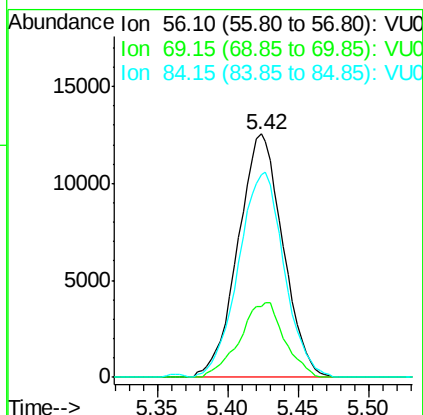
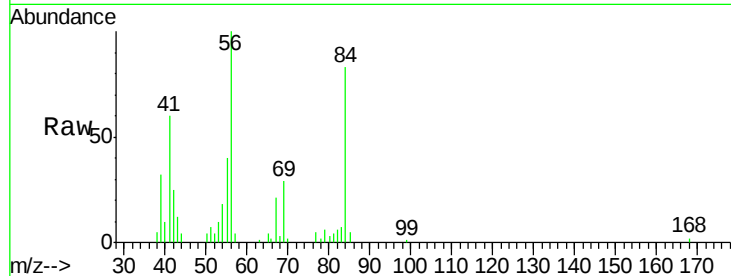




#30
Cyclohexane
Concen: 0.969 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
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Tot Ion: 56 Resp: 27888
Ion Ratio Lower Upper
56 100
69 30.6 23.3 34.9
84 85.8 67.1 100.7



#34
Trichloroethene
Concen: 0.347 ug/L
RT: 6.57 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VU039174.D
Acq: 26 Jun 2020 18:53

Tgt Ion: 95 Resp: 6529
Ion Ratio Lower Upper
95 100
97 75.9 45.1 83.7
132 84.5 65.1 120.9
130 112.2 68.6 127.4

