

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062220\
 Data File : VU039013.D
 Acq On : 22 Jun 2020 18:50
 Operator : SY/MD
 Sample : L3073-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L71

Quant Time: Jun 23 02:00:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 01:25:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	256402	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	263209	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	117727	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	119479	5.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.60%
7) Chloroethane-d5	1.93	69	90690	6.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.20%
11) 1,1-Dichloroethene-d2	2.59	63	168630	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.20%
20) 2-Butanone-d5	4.67	46	377274	55.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.02%
24) Chloroform-d	5.10	84	187516	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.74	65	128293	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.00%
32) Benzene-d6	5.76	84	426025	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
36) 1,2-Dichloropropane-d6	6.72	67	138678	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.40%
41) Toluene-d8	7.92	98	335556	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	8.20	79	55427	5.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.60%
46) 2-Hexanone-d5	8.65	63	289632	54.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.08%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	119207	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	132002	5.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.20%

Target Compounds

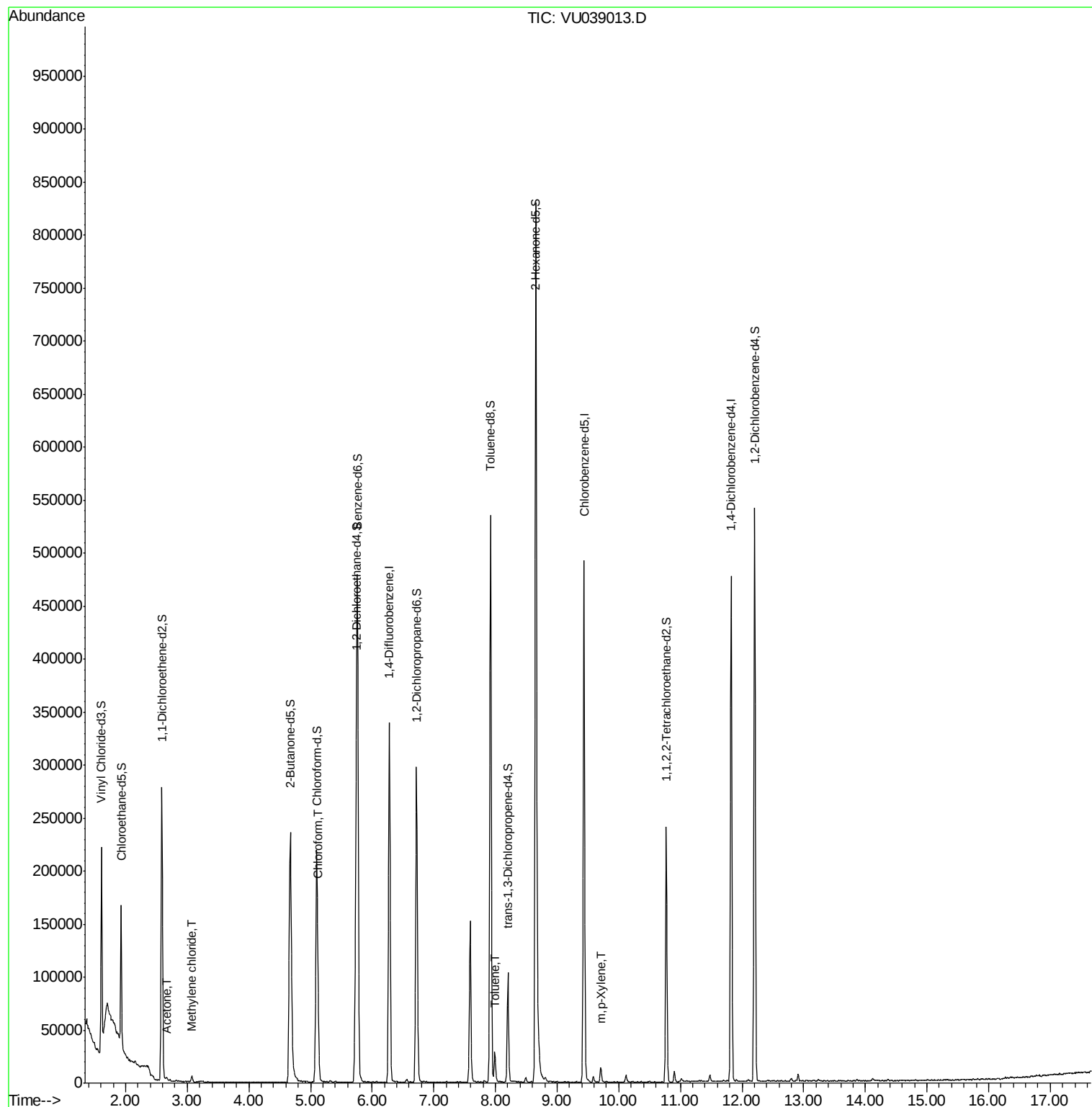
					Ovalue
13) Acetone	2.67	43	5006	1.157 ug/L	90
16) Methylene chloride	3.07	84	2221	0.099 ug/L	93
25) Chloroform	5.12	83	25209	0.621 ug/L	99
42) Toluene	7.99	91	18170	0.213 ug/L	97
53) m,p-Xylene	9.71	106	3752	0.108 ug/L	78

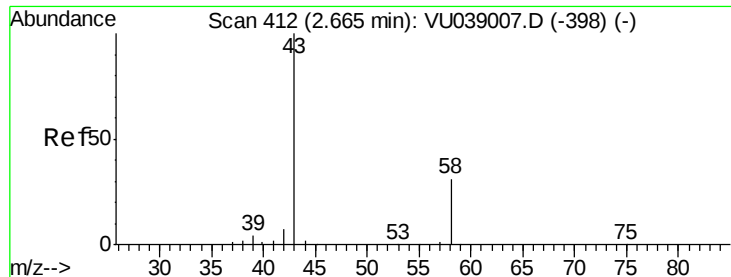
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.157 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

Lab File: VU039013.D

Acq: 22 Jun 2020 18:50

Instrument :

MSVOA_U

ClientSampled :

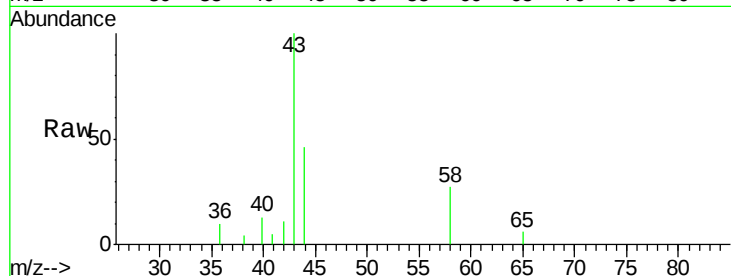
F9L71

Tot Ion: 43 Resp: 5006

Ion Ratio Lower Upper

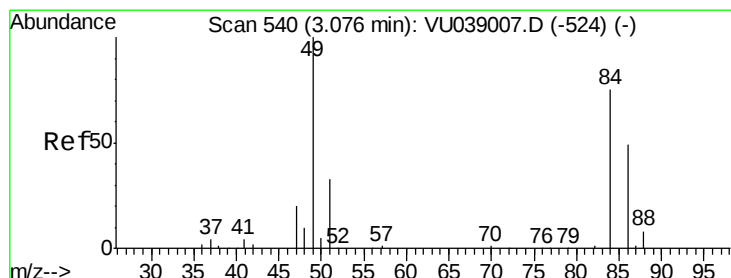
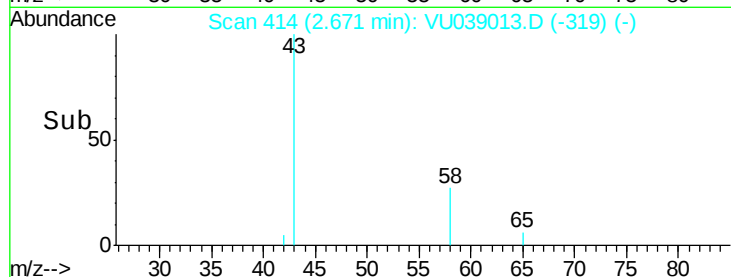
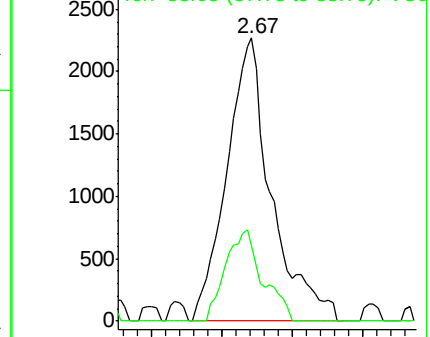
43 100

58 26.7 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU039013.D (-412) (-)

Ion 58.05 (57.75 to 58.75): VU039013.D (-412) (-)



#16

Methylene chloride

Concen: 0.099 ug/L

RT: 3.07 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU039013.D

Acq: 22 Jun 2020 18:50

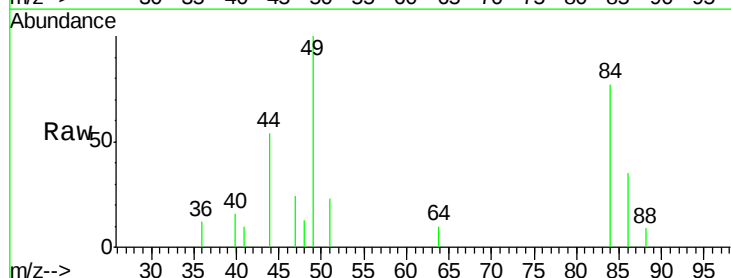
Tgt Ion: 84 Resp: 2221

Ion Ratio Lower Upper

84 100

86 44.9 43.1 80.1

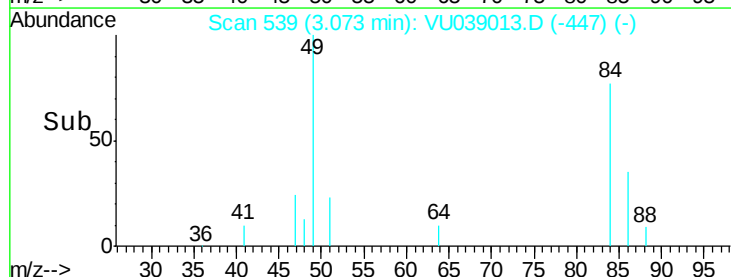
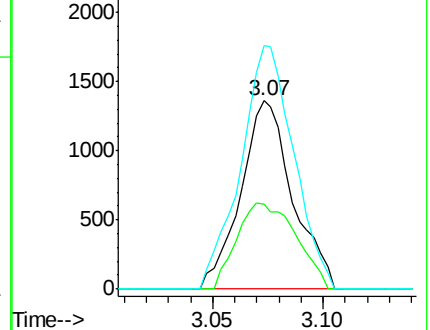
49 129.4 90.9 168.9

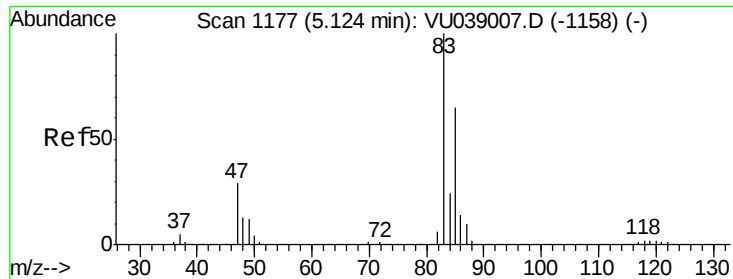


Abundance Ion 84.05 (83.75 to 84.75): VU039013.D (-540) (-)

Ion 86.00 (85.70 to 86.70): VU039013.D (-540) (-)

Ion 49.10 (48.80 to 49.80): VU039013.D (-540) (-)

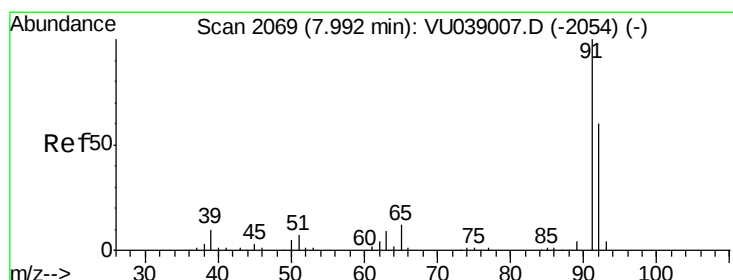
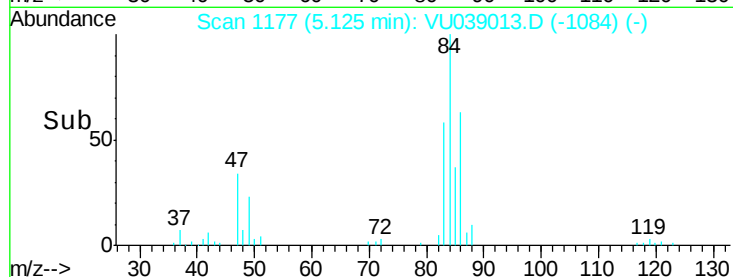
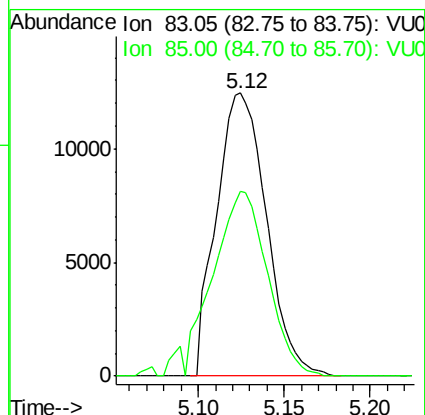
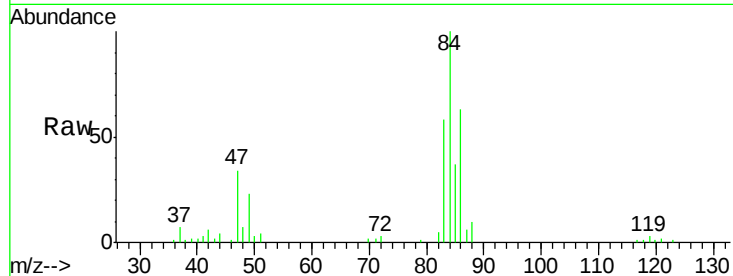




#25
Chloroform
Concen: 0.621 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VU039013.D
Acq: 22 Jun 2020 18:50

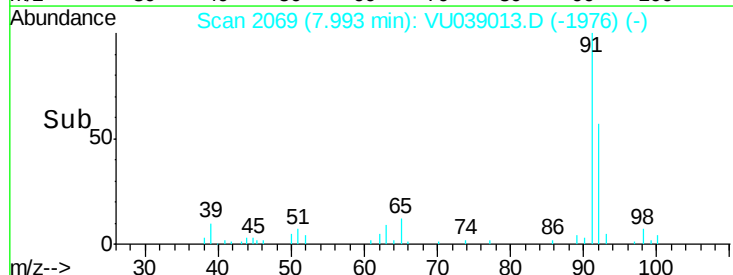
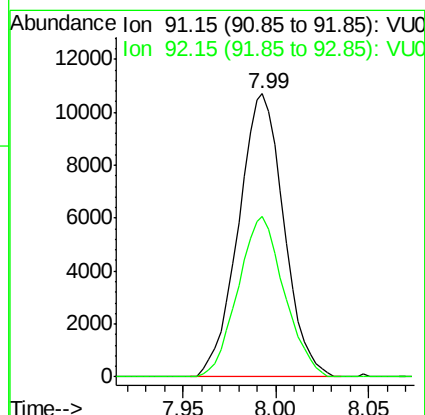
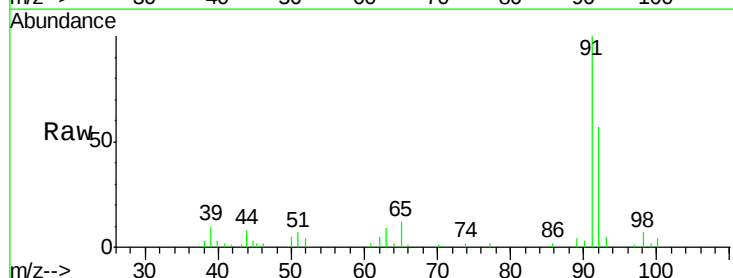
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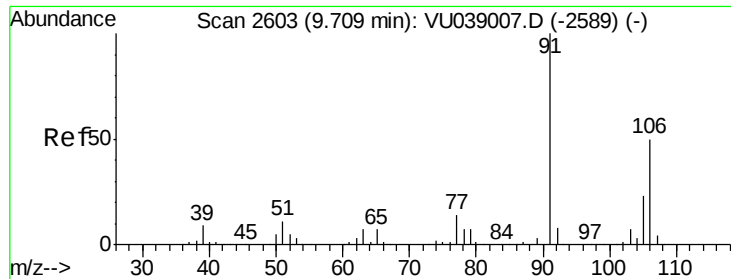
Tot Ion: 83 Resp: 25209
Ion Ratio Lower Upper
83 100
85 65.1 44.9 83.5



#42
Toluene
Concen: 0.213 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. 0.00 min
Lab File: VU039013.D
Acq: 22 Jun 2020 18:50

Tgt Ion: 91 Resp: 18170
Ion Ratio Lower Upper
91 100
92 56.5 40.9 76.0





#53

m,p-Xylene

Concen: 0.108 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VU039013.D

Acq: 22 Jun 2020 18:50

Instrument :

MSVOA_U

ClientSampleId :

F9L71

Tot Ion:106 Resp: 3752

Ion Ratio Lower Upper

106 100

91 240.6 144.4 268.2

