

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102020\
 Data File : VU040848.D
 Acq On : 20 Oct 2020 15:14
 Operator : SY/MD
 Sample : L4420-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL1

Quant Time: Oct 21 00:38:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 23:49:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	118475	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124448	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52407	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	42075	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.92	69	36745	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.58	63	66286	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.65	46	163649	52.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.18%
24) Chloroform-d	5.08	84	87778	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.72	65	53187	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.74	84	158605	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.70	67	54960	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.91	98	126812	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	8.19	79	20758	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.64	63	113040	46.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.94%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47864	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	51432	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

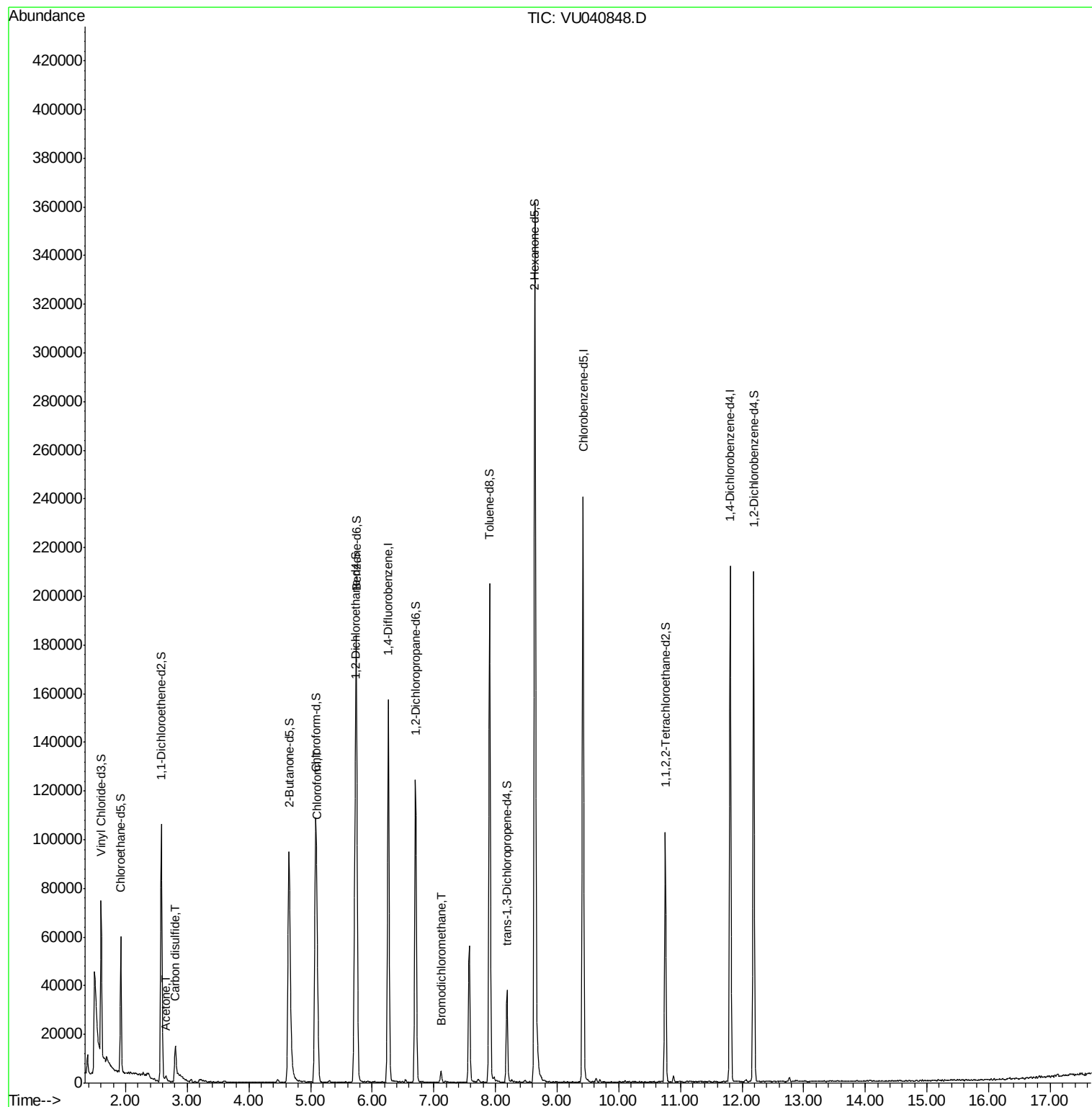
					Ovalue
13) Acetone	2.66	43	3499	1.437 ug/L	87
14) Carbon disulfide	2.81	76	16692	0.705 ug/L	99
25) Chloroform	5.11	83	40069	2.144 ug/L	97
38) Bromodichloromethane	7.12	83	2942	0.207 ug/L #	96

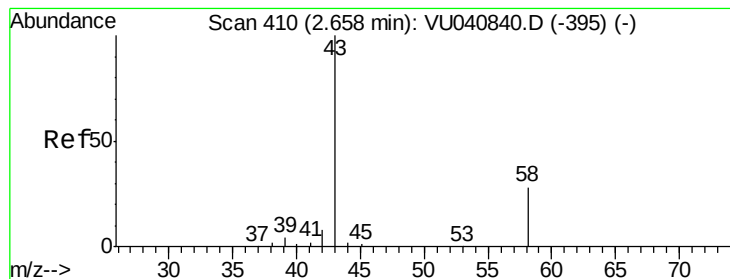
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.437 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU040848.D

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Instrument :

MSVOA_U

ClientSampleId :

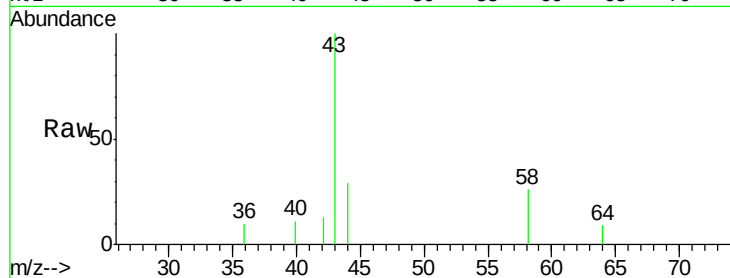
C0AL1

Tot Ion: 43 Resp: 3499

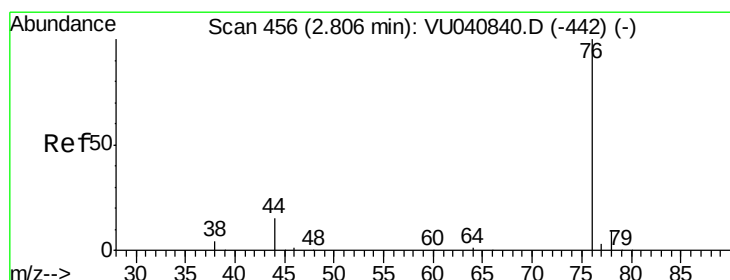
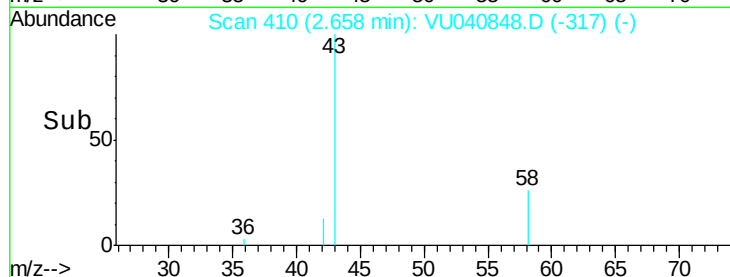
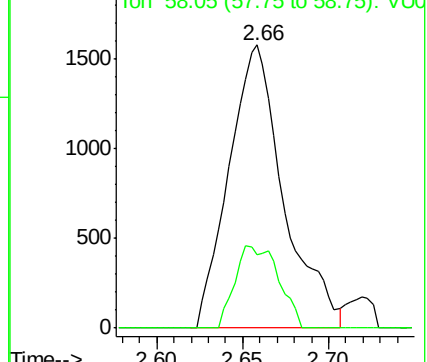
Ion Ratio Lower Upper

43 100

58 23.1 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040848.D (-317) (-)



#14

Carbon disulfide

Concen: 0.705 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040848.D

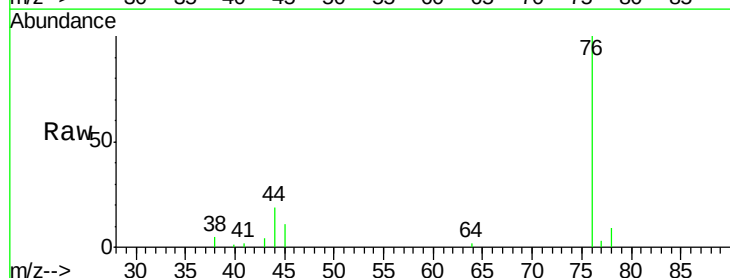
Acq: 20 Oct 2020 15:14

Tgt Ion: 76 Resp: 16692

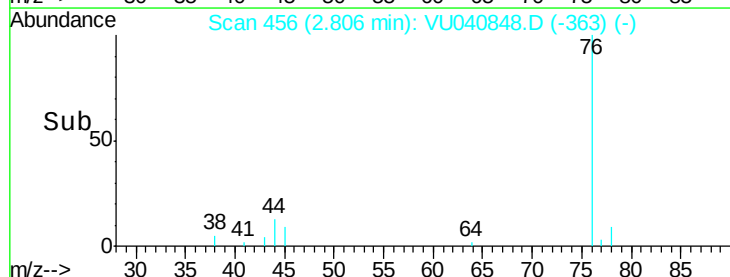
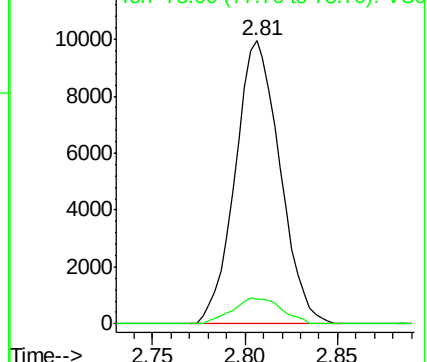
Ion Ratio Lower Upper

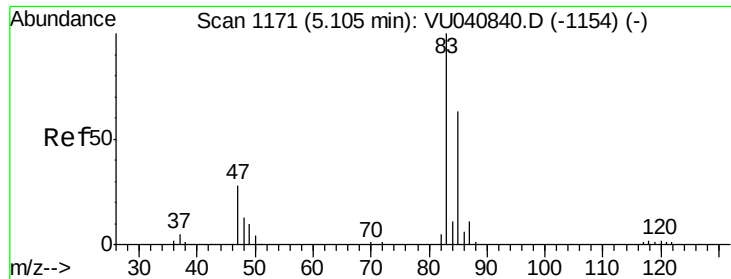
76 100

78 8.9 6.8 10.2



Abundance Ion 76.05 (75.75 to 76.75): VU040848.D (-363) (-)

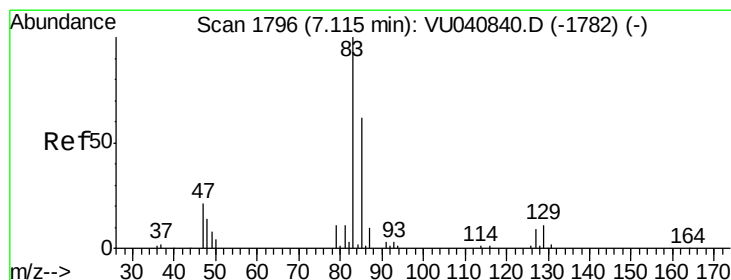
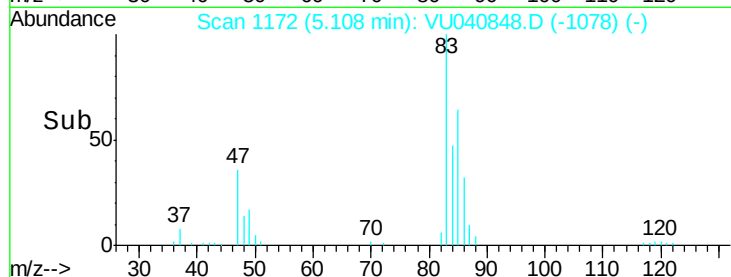
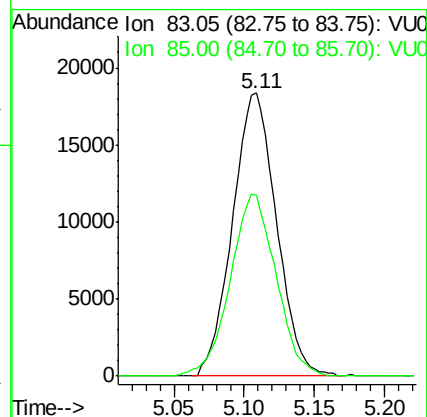
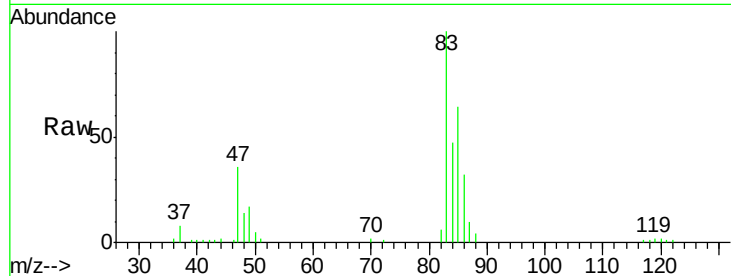




#25
Chloroform
Concen: 2.144 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
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MSVOA_U
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C0AL1

Tot Ion: 83 Resp: 40069
Ion Ratio Lower Upper
83 100
85 63.9 46.5 86.5



#38
Bromodichloromethane
Concen: 0.207 ug/L
RT: 7.12 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VU040848.D
Acq: 20 Oct 2020 15:14

Tgt Ion: 83 Resp: 2942
Ion Ratio Lower Upper
83 100
85 68.3 46.0 85.4
127 10.7 6.7 10.1#

