

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
 Data File : VU039220.D
 Acq On : 30 Jun 2020 05:10
 Operator : SY/MD
 Sample : L3116-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q31

Quant Time: Jun 30 07:17:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 30 06:54:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	210628	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	213987	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	91936	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	53155	2.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.00%
7) Chloroethane-d5	1.93	69	54812	3.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.60%
11) 1,1-Dichloroethene-d2	2.59	63	90609	2.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.20%#
20) 2-Butanone-d5	4.67	46	270792	45.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.72%
24) Chloroform-d	5.10	84	145149	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.74	65	91220	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
32) Benzene-d6	5.76	84	258320	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.40%
36) 1,2-Dichloropropane-d6	6.72	67	85731	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.60%
41) Toluene-d8	7.92	98	198103	3.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.60%#
43) trans-1,3-Dichloropropene-	8.20	79	33212	3.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.00%
46) 2-Hexanone-d5	8.65	63	196947	43.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.34%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	74143	3.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	85372	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

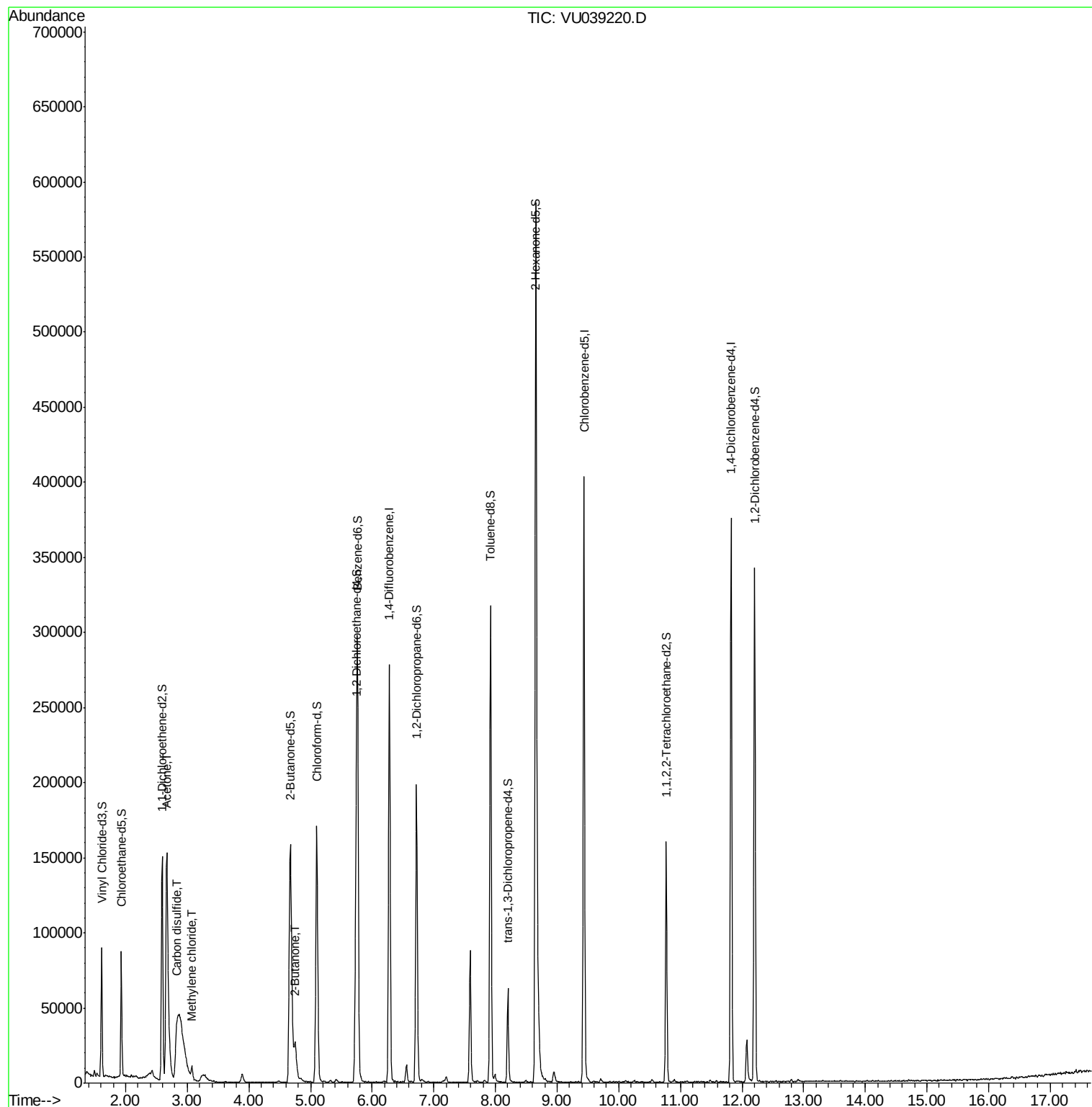
					Ovalue
13) Acetone	2.67	43	268946	74.296 ug/L	98
14) Carbon disulfide	2.82	76	7550	0.139 ug/L	99
16) Methylene chloride	3.08	84	3460	0.186 ug/L #	87
21) 2-Butanone	4.75	43	34248	5.958 ug/L	99

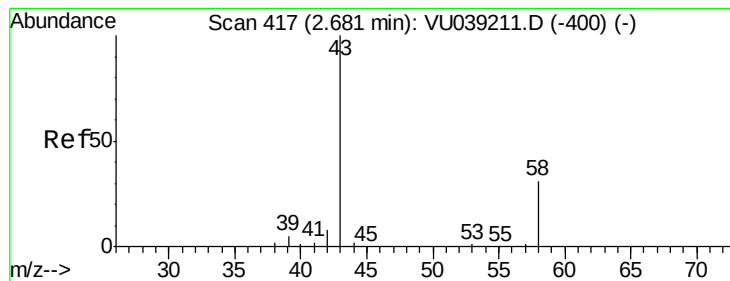
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 74.296 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU039220.D

Acq: 30 Jun 2020 05:10

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MSVOA_U

ClientSampleId :

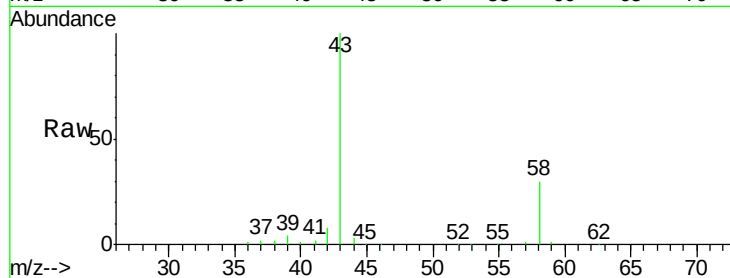
F9Q31

Tot Ion: 43 Resp: 268946

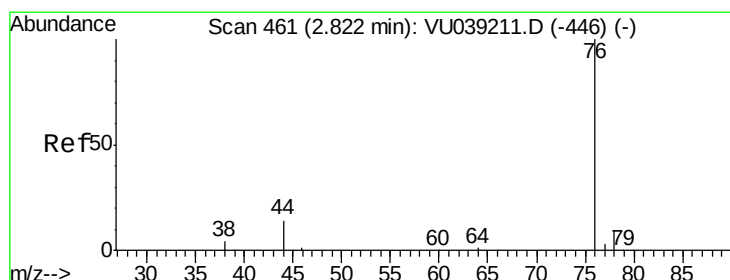
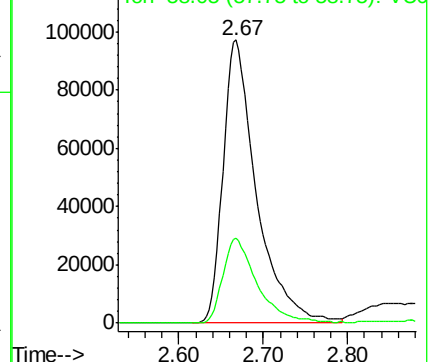
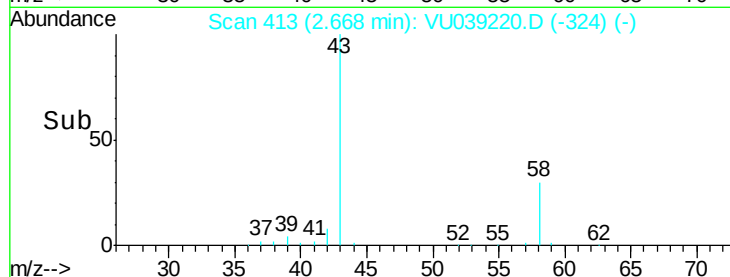
Ion Ratio Lower Upper

43 100

58 30.7 0.0 63.2



Abundance Ion 43.05 (42.75 to 43.75): VU039220.D (-324) (-)



#14

Carbon disulfide

Concen: 0.139 ug/L

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU039220.D

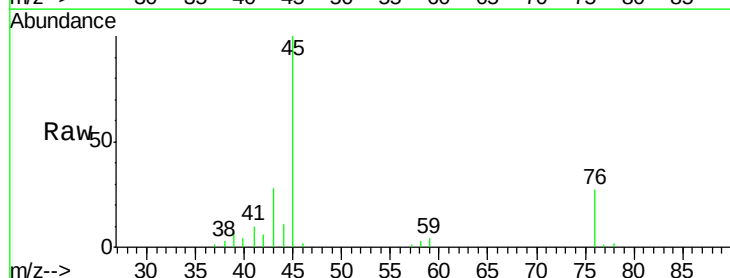
Acq: 30 Jun 2020 05:10

Tgt Ion: 76 Resp: 7550

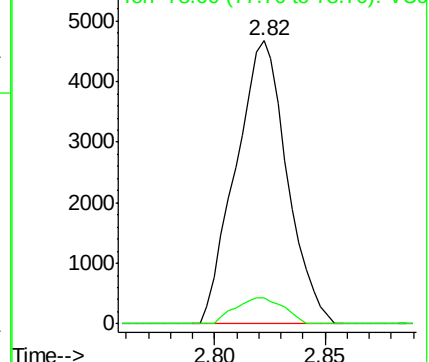
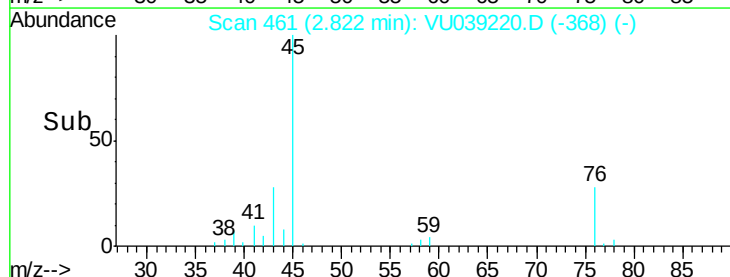
Ion Ratio Lower Upper

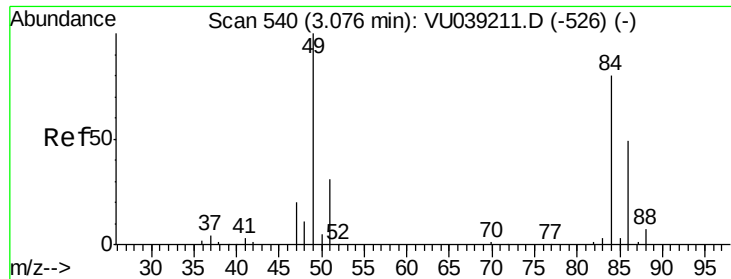
76 100

78 9.2 7.6 11.4



Abundance Ion 76.05 (75.75 to 76.75): VU039220.D (-368) (-)

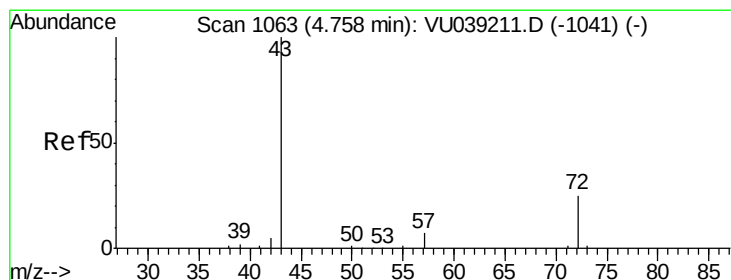
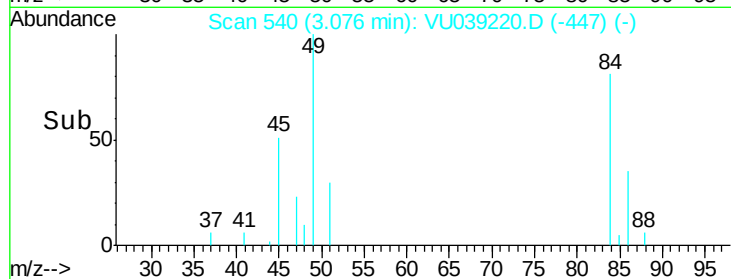
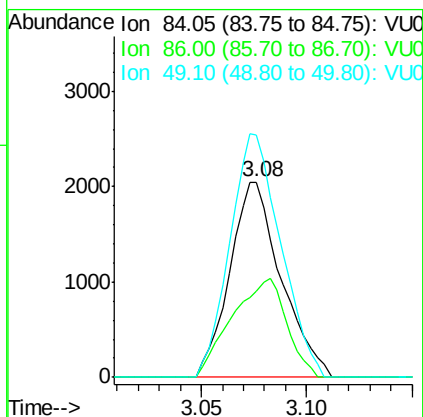
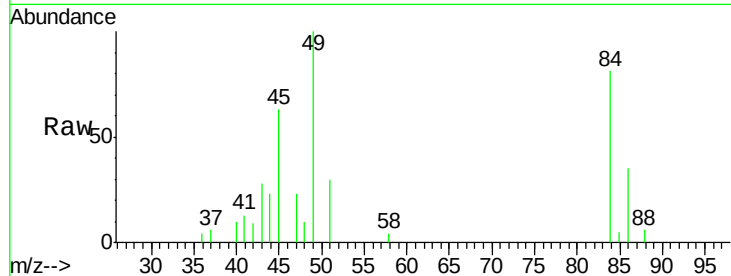




#16
Methvlene chloride
Concen: 0.186 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
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Tot Ion: 84 Resp: 3460
Ion Ratio Lower Upper
84 100
86 43.9 44.2 82.2#
49 123.7 93.2 173.0



#21
2-Butanone
Concen: 5.958 ug/L
RT: 4.75 min Scan# 1062
Delta R.T. -0.00 min
Lab File: VU039220.D
Acq: 30 Jun 2020 05:10

Tgt Ion: 43 Resp: 34248
Ion Ratio Lower Upper
43 100
72 26.1 13.2 39.6

