

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112719\
 Data File : VU035893.D
 Acq On : 27 Nov 2019 13:45
 Operator : JC/SP
 Sample : K6057-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA8

Quant Time: Nov 29 04:00:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 28 04:57:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	225833	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	267887	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	77096	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	133018	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.93	69	128520	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.59	63	168693	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	4.69	46	286862	42.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.04%
24) Chloroform-d	5.11	84	226828	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.75	65	133188	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.77	84	443237	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.73	67	153853	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.93	98	347690	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.80%
43) trans-1,3-Dichloropropene-	8.22	79	49583	3.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.00%
46) 2-Hexanone-d5	8.69	63	238958	44.36	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.72%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	122472	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	83824	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

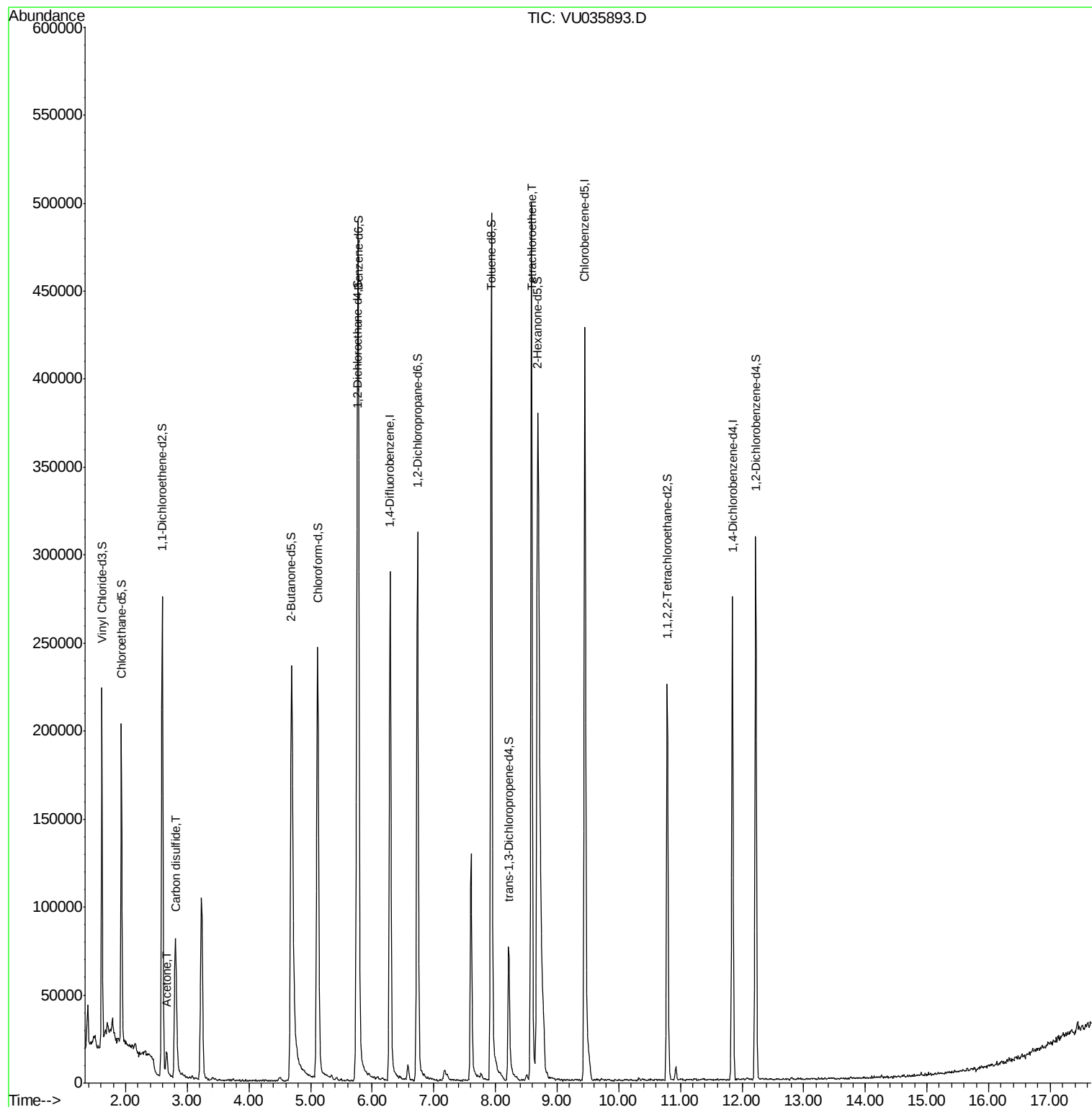
Target Compounds					Ovalue
13) Acetone	2.67	43	16299	2.718 ug/L	91
14) Carbon disulfide	2.83	76	37604	0.482 ug/L	99
47) Tetrachloroethene	8.59	164	114417	5.484 ug/L	94

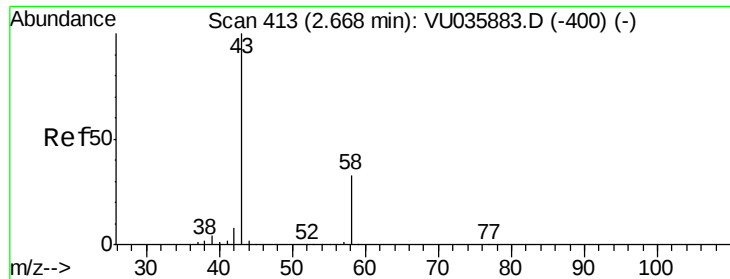
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.718 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.00 min

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Acq: 27 Nov 2019 13:45

Instrument :

MSVOA_U

ClientSampleId :

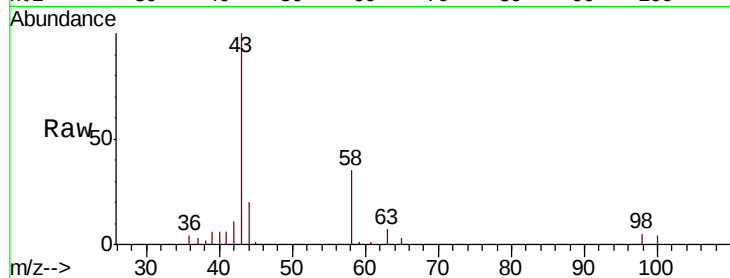
C0AA8

Tot Ion: 43 Resp: 16299

Ion Ratio Lower Upper

43 100

58 35.7 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035893.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU035893.D (-400) (-)

2.67

8000

6000

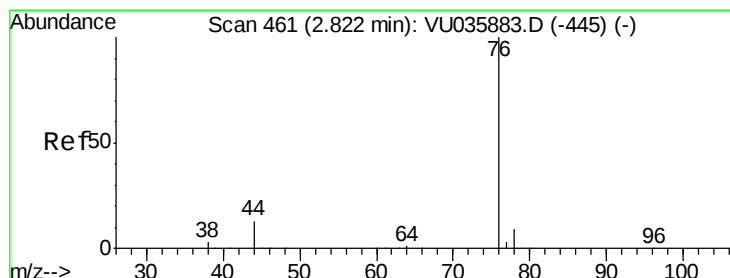
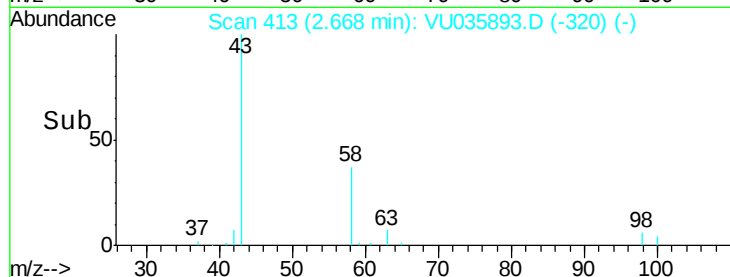
4000

2000

0

2.60 2.65 2.70

Time-->



#14

Carbon disulfide

Concen: 0.482 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

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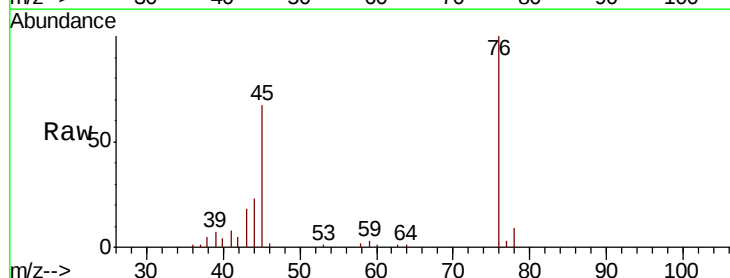
Acq: 27 Nov 2019 13:45

Tgt Ion: 76 Resp: 37604

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VU035893.D (-445) (-)

Ion 78.00 (77.70 to 78.70): VU035893.D (-445) (-)

2.83

20000

15000

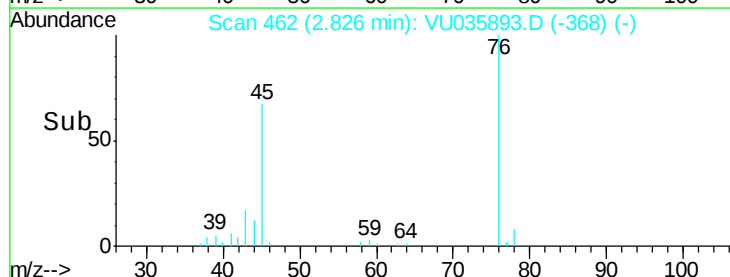
10000

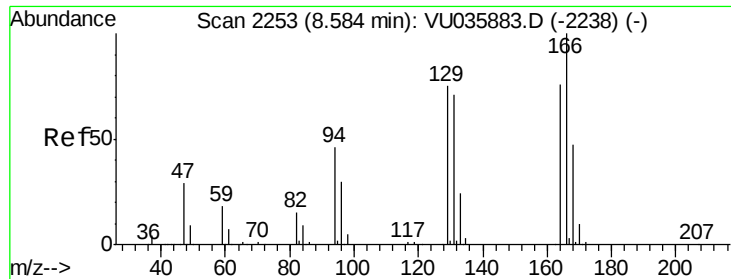
5000

0

2.75 2.80 2.85 2.90 2.95

Time-->

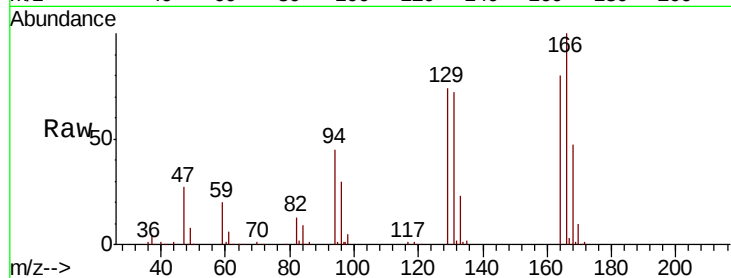




#47
 Tetrachloroethene
 Concen: 5.484 ug/L
 RT: 8.59 min Scan# 2254
 Delta R.T. 0.00 min
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Tot Ion:	164	Resp:	114417
Ion	Ratio	Lower	Upper
164	100		
129	92.1	68.8	127.8
131	89.9	67.3	124.9
166	124.8	91.6	170.2



Abundance

Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

