

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101219\
 Data File : VU035128.D
 Acq On : 12 Oct 2019 07:44
 Operator : JC/SP
 Sample : K5309-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RD-4-001-01

Quant Time: Oct 14 02:17:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 14 01:16:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	166585	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	175465	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	66104	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51509	5.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	1.68	69	49034	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.26	63	75823	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	4.17	46	147805	50.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.94%
24) Chloroform-d	4.63	84	102373	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
26) 1,2-Dichloroethane-d4	5.29	65	56458	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.32	84	192218	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.31	67	69264	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.55	98	167211	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	7.84	79	19529	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.30	63	103953	44.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.30%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57618	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	58420	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

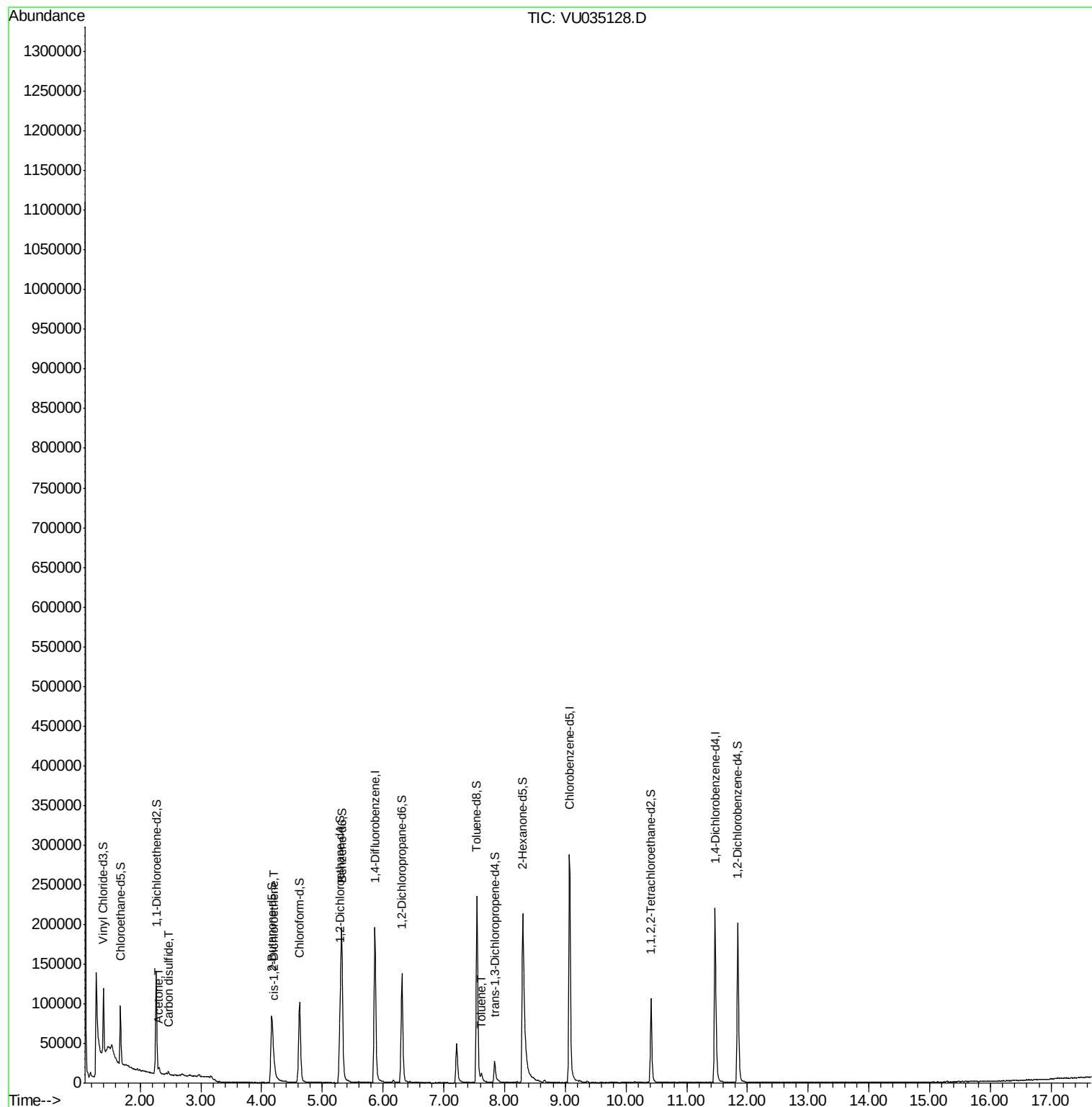
					Ovalue
13) Acetone	2.31	43	7762	3.268 ug/L	98
14) Carbon disulfide	2.47	76	4450	0.125 ug/L #	92
22) cis-1,2-Dichloroethene	4.20	96	5119	0.401 ug/L	95
42) Toluene	7.62	91	6781	0.123 ug/L	94

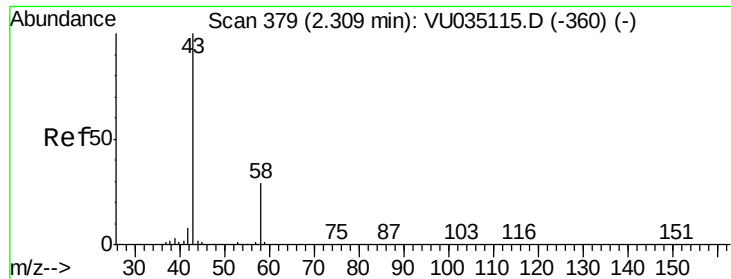
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.268 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

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ClientSampleId :

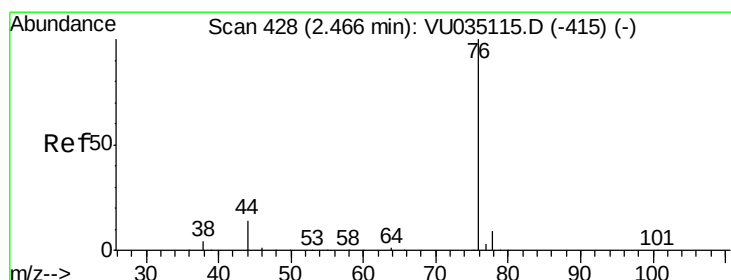
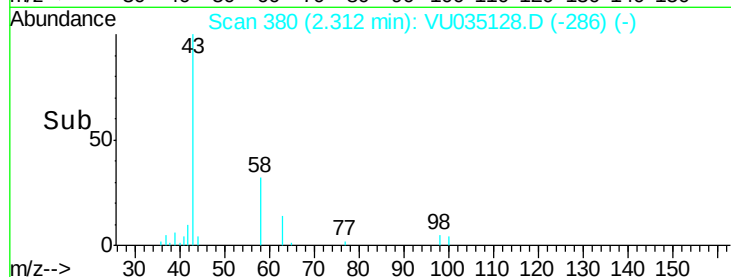
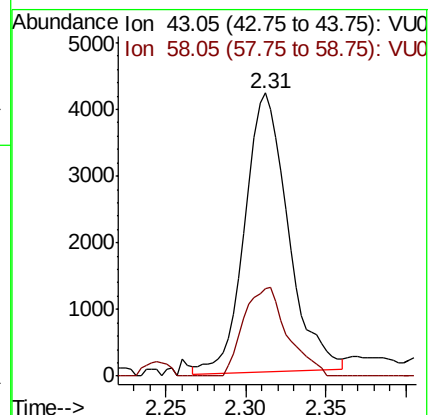
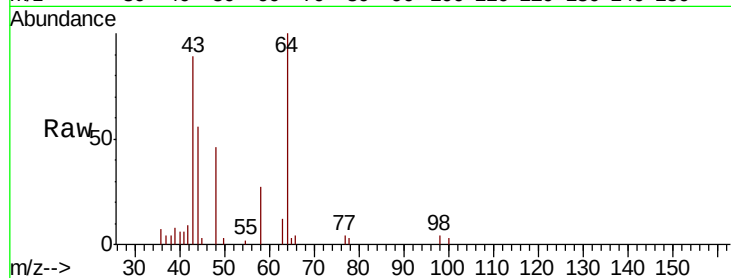
RD-4-001-01

Tot Ion: 43 Resp: 7762

Ion Ratio Lower Upper

43 100

58 32.0 0.0 66.6



#14

Carbon disulfide

Concen: 0.125 ug/L

RT: 2.47 min Scan# 428

Delta R.T. -0.00 min

Lab File: VU035128.D

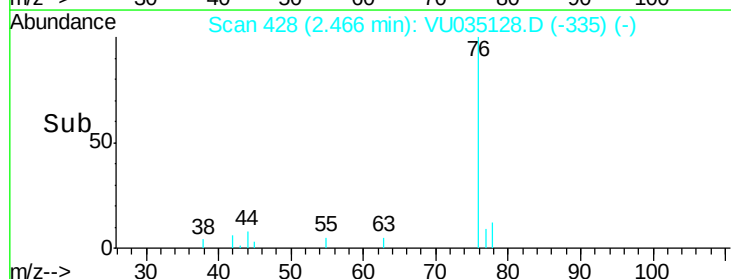
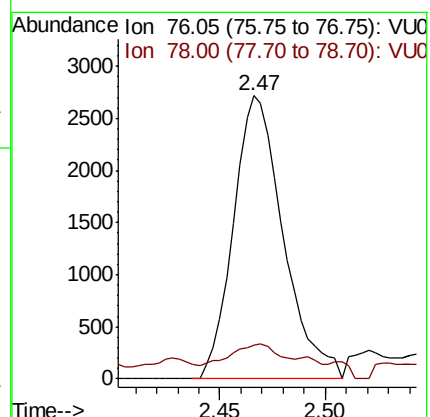
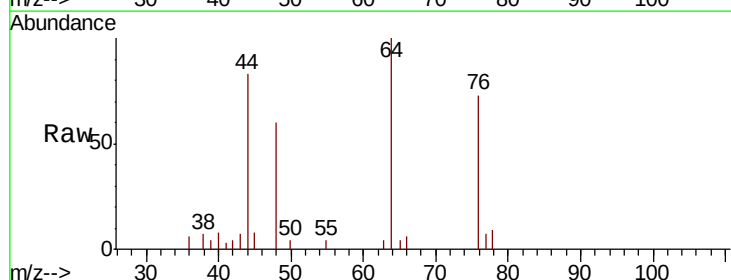
Acq: 12 Oct 2019 07:44

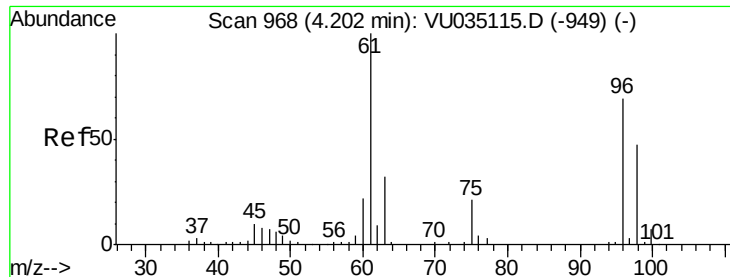
Tgt Ion: 76 Resp: 4450

Ion Ratio Lower Upper

76 100

78 11.9 7.1 10.7#





#22

cis-1,2-Dichloroethene

Concen: 0.401 ug/L

RT: 4.20 min Scan# 968

Delta R.T. -0.00 min

Lab File: VU035128.D

Acq: 12 Oct 2019 07:44

Instrument :

MSVOA_U

ClientSampleId :

RD-4-001-01

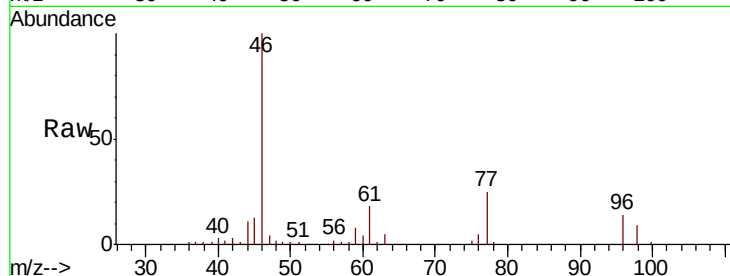
Tot Ion: 96 Resp: 5119

Ion Ratio Lower Upper

96 100

61 132.7 89.2 165.6

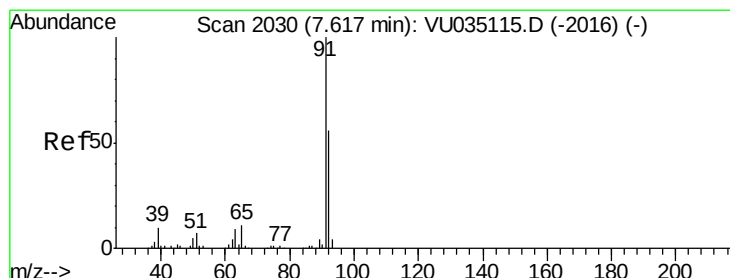
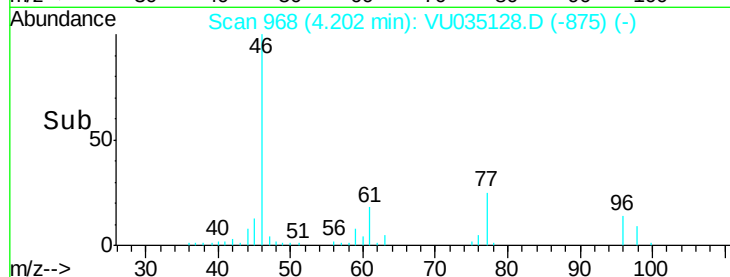
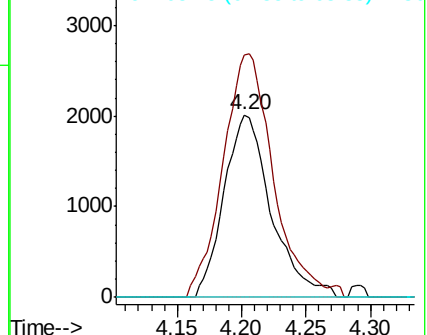
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035115.D (-949) (-)

Ion 61.05 (60.75 to 61.75): VU035115.D (-949) (-)

Ion 68.15 (67.85 to 68.85): VU035115.D (-949) (-)



#42

Toluene

Concen: 0.123 ug/L

RT: 7.62 min Scan# 2032

Delta R.T. 0.01 min

Lab File: VU035128.D

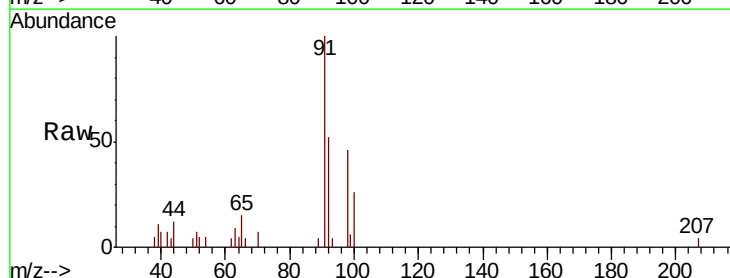
Acq: 12 Oct 2019 07:44

Tgt Ion: 91 Resp: 6781

Ion Ratio Lower Upper

91 100

92 52.3 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU035115.D (-1916) (-)

Ion 92.15 (91.85 to 92.85): VU035115.D (-1916) (-)

