

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035125.D
 Acq On : 12 Oct 2019 06:31
 Operator : JC/SP
 Sample : K5309-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RD-14-001-01

Quant Time: Oct 14 02:07:45 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	165488	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	171773	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	71649	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	52211	5.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.80%
7) Chloroethane-d5	1.67	69	49245	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.26	63	74693	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	4.19	46	163275	56.68	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.36%
24) Chloroform-d	4.62	84	94777	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.29	65	57103	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.32	84	191955	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.31	67	67401	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.55	98	166934	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.84	79	19841	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.30	63	113335	49.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.34%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57018	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	61230	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

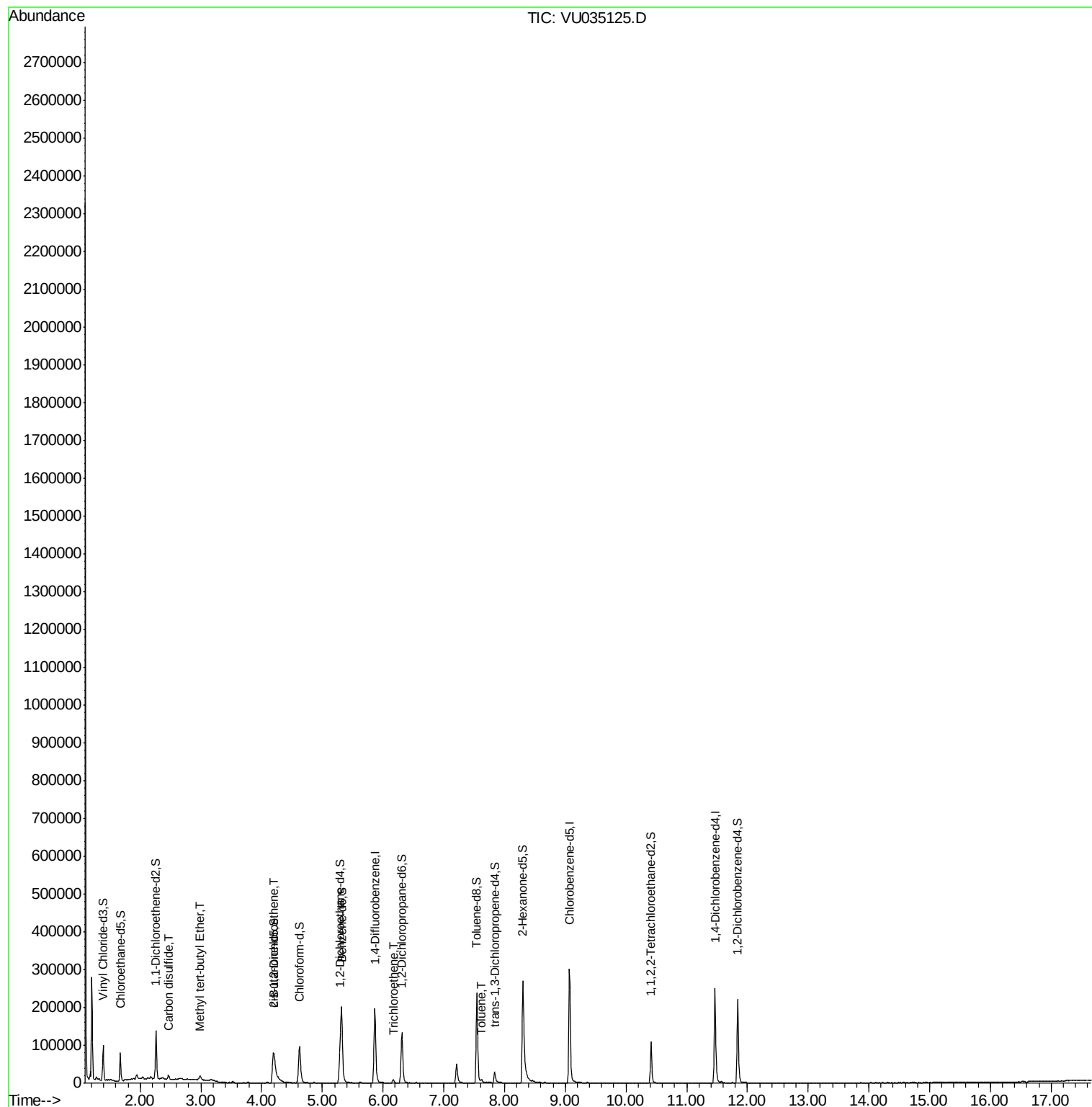
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
14) Carbon disulfide	2.47	76	15244	0.431	ug/L #	94
17) Methyl tert-butyl Ether	2.99	73	9331	0.322	ug/L #	86
22) cis-1,2-Dichloroethene	4.20	96	12436	0.979	ug/L	85
34) Trichloroethene	6.17	95	2905	0.218	ug/L #	83
42) Toluene	7.62	91	5434	0.101	ug/L	97

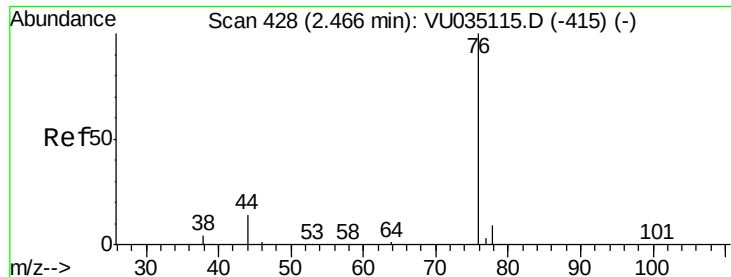
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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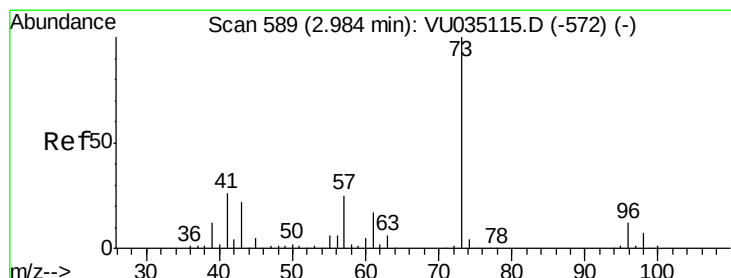
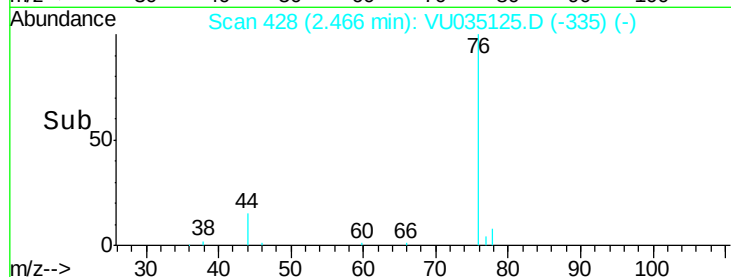
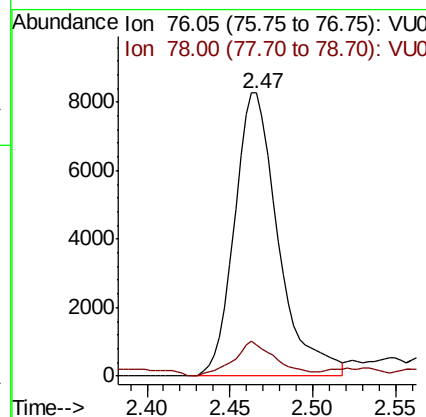
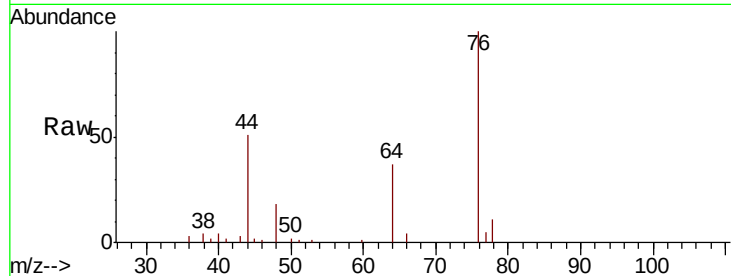




#14
Carbon disulfide
Concen: 0.431 ug/L
RT: 2.47 min Scan# 428
Delta R.T. 0.00 min
Lab File: VU035125.D
Acq: 12 Oct 2019 06:31

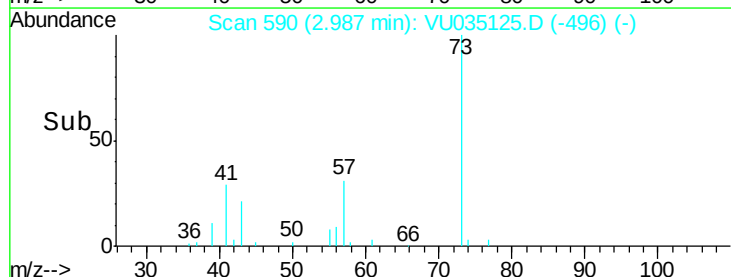
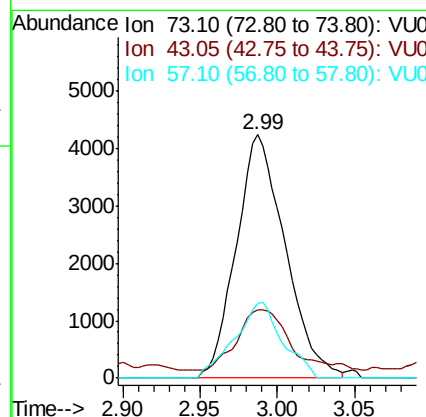
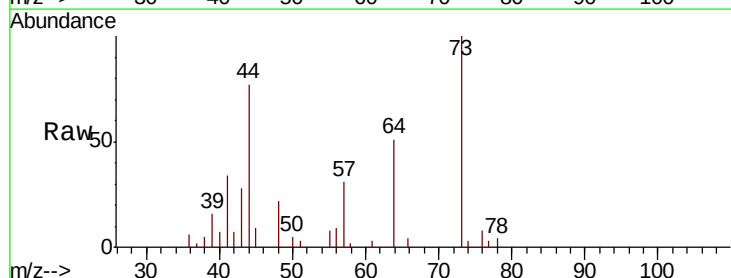
Instrument :
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RD-14-001-01

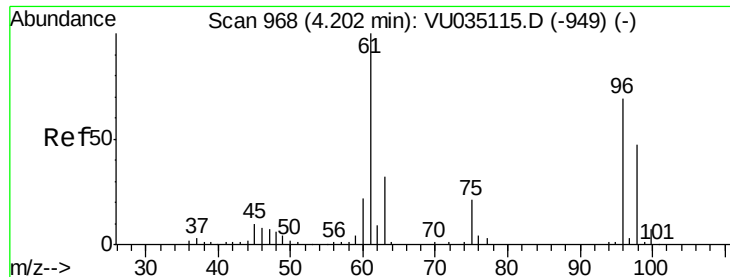
Tot Ion: 76 Resp: 15244
Ion Ratio Lower Upper
76 100
78 11.0 7.1 10.7#



#17
Methyl tert-butyl Ether
Concen: 0.322 ug/L
RT: 2.99 min Scan# 590
Delta R.T. 0.00 min
Lab File: VU035125.D
Acq: 12 Oct 2019 06:31

Tgt Ion: 73 Resp: 9331
Ion Ratio Lower Upper
73 100
43 26.8 16.3 24.5#
57 30.6 18.6 28.0#





#22

cis-1,2-Dichloroethene

Concen: 0.979 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU035125.D

Acq: 12 Oct 2019 06:31

Instrument :

MSVOA_U

ClientSampleId :

RD-14-001-01

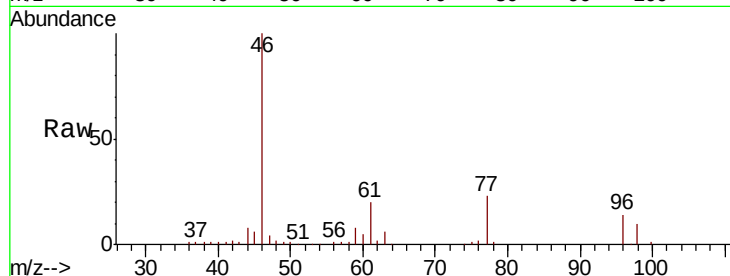
Tot Ion: 96 Resp: 12436

Ion Ratio Lower Upper

96 100

61 144.9 89.2 165.6

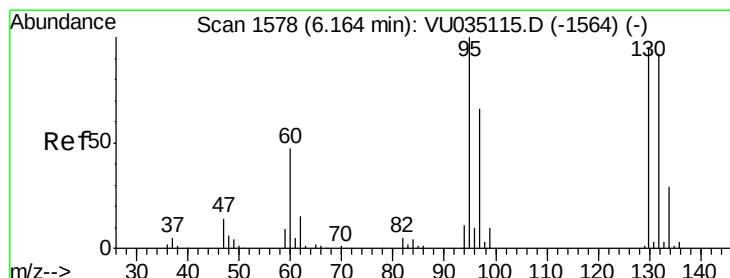
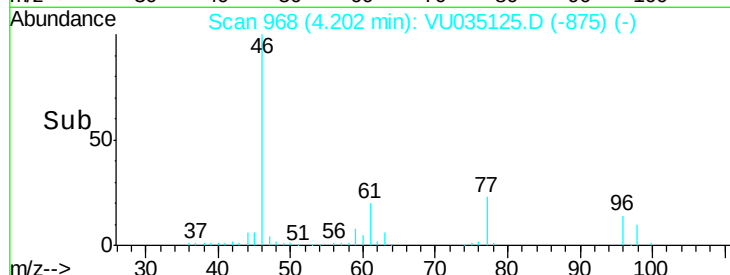
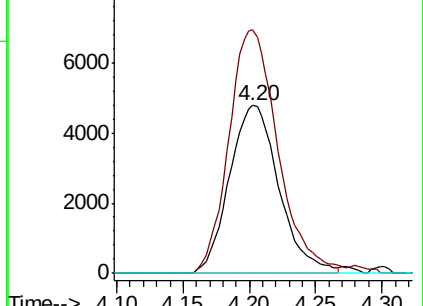
68 0.0 0.0 0.0



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) (-)



#34

Trichloroethene

Concen: 0.218 ug/L

RT: 6.17 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VU035125.D

Acq: 12 Oct 2019 06:31

Tgt Ion: 95 Resp: 2905

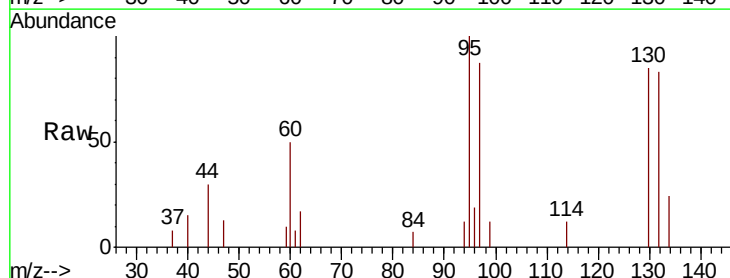
Ion Ratio Lower Upper

95 100

97 87.4 44.5 82.7#

132 83.1 66.6 123.8

130 85.3 68.9 127.9

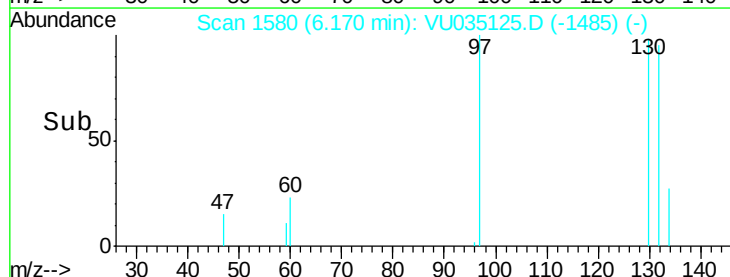
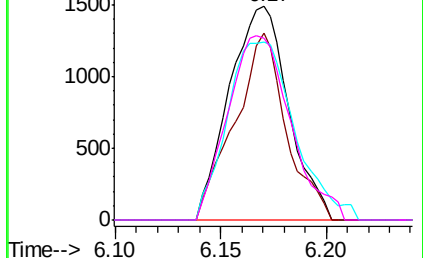


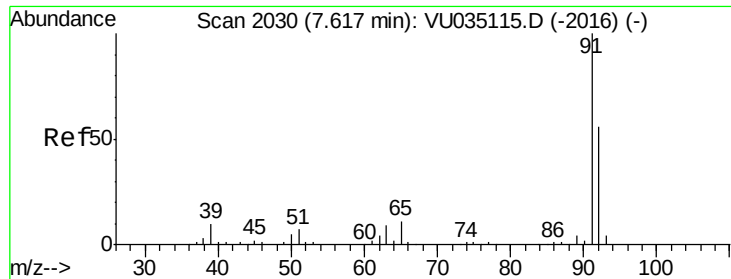
Abundance Ion 95.00 (94.70 to 95.70): VU035115.D (-1564) (-)

Ion 96.95 (96.65 to 97.65): VU035115.D (-1564) (-)

Ion 131.95 (131.65 to 132.65): VU035115.D (-1564) (-)

Ion 129.95 (129.65 to 130.65): VU035115.D (-1564) (-)





#42

Toluene

Concen: 0.101 ug/L

RT: 7.62 min Scan# 2032

Delta R.T. 0.01 min

Lab File: VU035125.D

Acq: 12 Oct 2019 06:31

Instrument :

MSVOA_U

ClientSampleId :

RD-14-001-01

Tot Ion: 91 Resp: 5434

Ion Ratio Lower Upper

91 100

92 59.3 40.0 74.2

