

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121019\
 Data File : VU036115.D
 Acq On : 11 Dec 2019 05:00
 Operator : JC/MD
 Sample : K6214-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BD804

Quant Time: Dec 11 08:01:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 11 07:30:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	267414	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	305704	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	79700	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	119307	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.93	69	118001	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.59	63	127981	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	4.69	46	233095	57.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.78%
24) Chloroform-d	5.11	84	190625	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.75	65	101607	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.77	84	358131	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.73	67	118093	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.93	98	286033	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	8.21	79	40264	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.70	63	178557	50.74	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.48%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	105931	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	76897	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

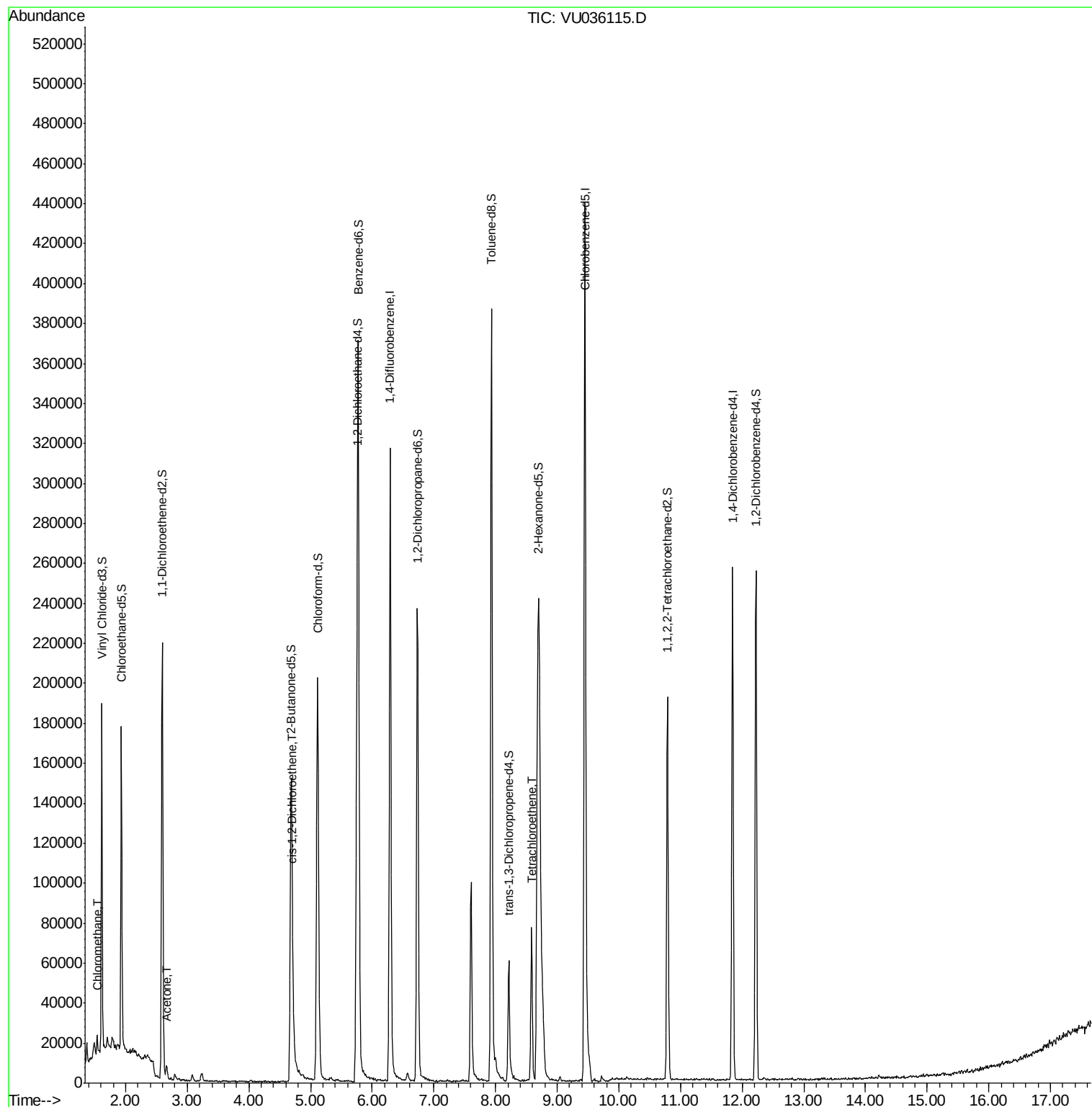
					Ovalue
3) Chloromethane	1.54	50	5688	0.222 ug/L	90
13) Acetone	2.67	43	6311	1.224 ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	7932	0.381 ug/L	92
47) Tetrachloroethene	8.58	164	19463	0.923 ug/L	96

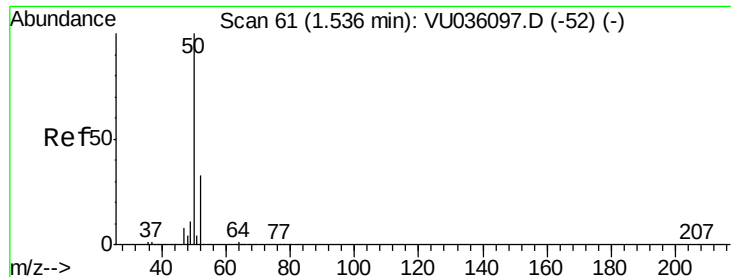
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.222 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU036115.D

Acq: 11 Dec 2019 05:00

Instrument :

MSVOA_U

ClientSampleId :

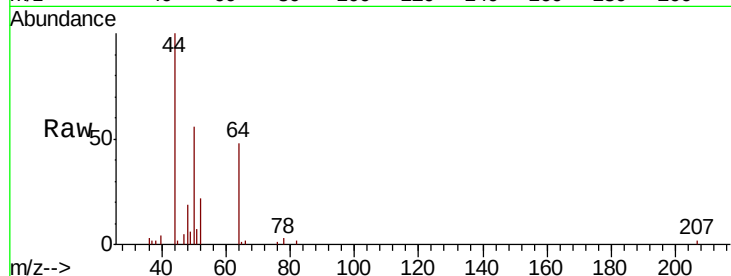
BD804

Tot Ion: 50 Resp: 5688

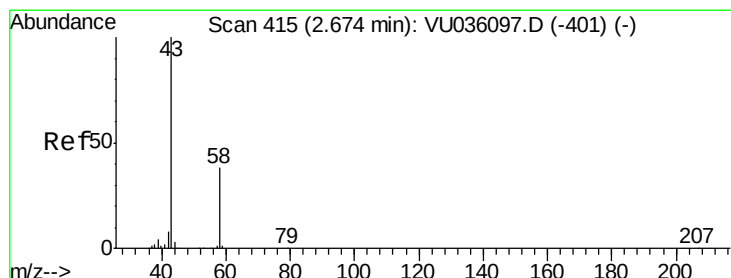
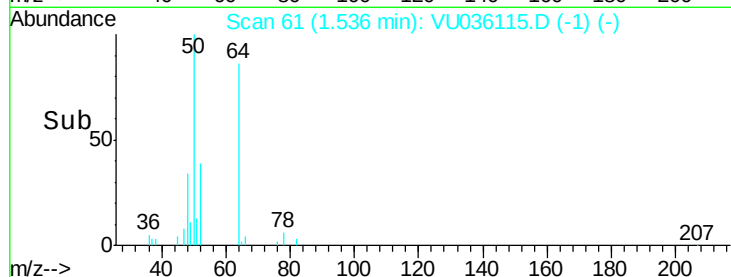
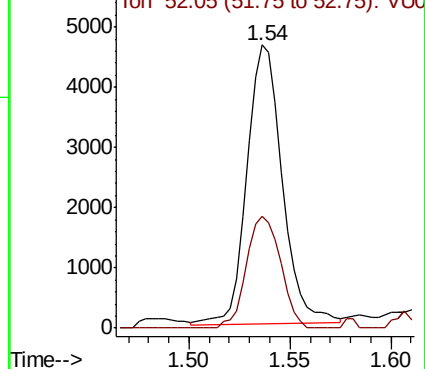
Ion Ratio Lower Upper

50 100

52 39.4 23.6 43.8



Abundance Ion 50.05 (49.75 to 50.75): VU036115.D (-1) (-)



#13

Acetone

Concen: 1.224 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU036115.D

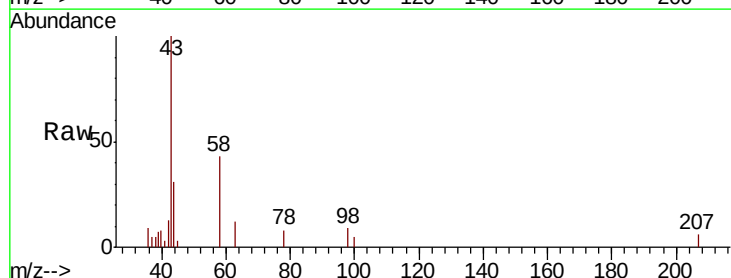
Acq: 11 Dec 2019 05:00

Tgt Ion: 43 Resp: 6311

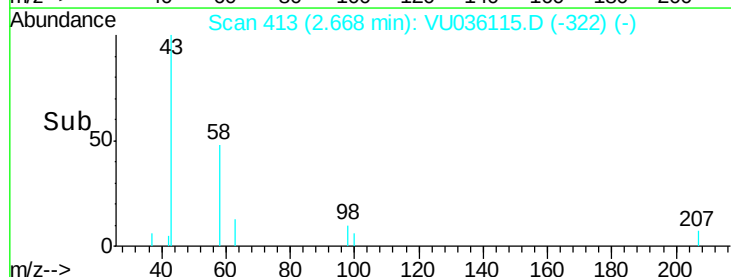
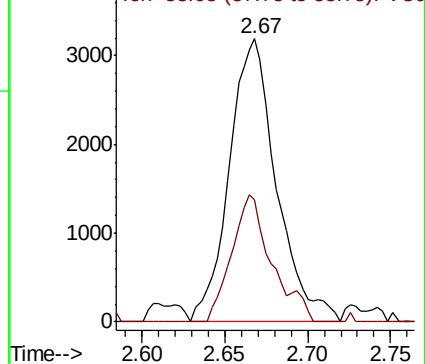
Ion Ratio Lower Upper

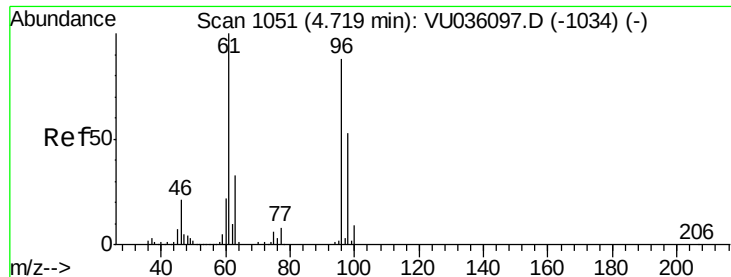
43 100

58 37.9 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036115.D (-322) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.381 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VU036115.D

Acq: 11 Dec 2019 05:00

Instrument :

MSVOA_U

ClientSampleId :

BD804

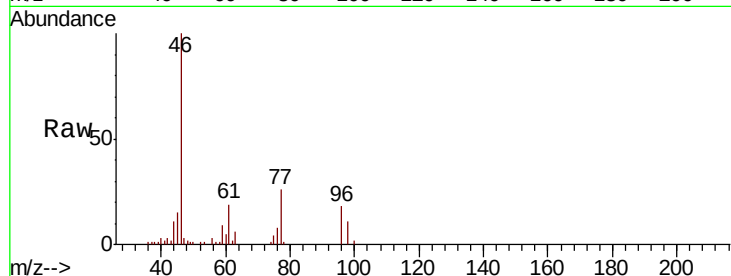
Tot Ion: 96 Resp: 7932

Ion Ratio Lower Upper

96 100

61 109.3 83.0 154.2

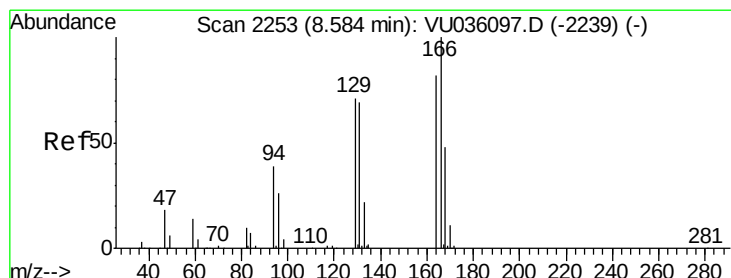
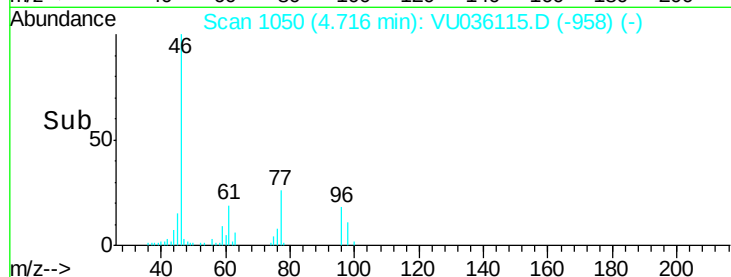
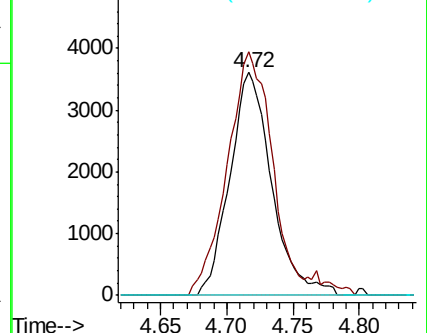
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036115.D (-958) (-)

Ion 61.05 (60.75 to 61.75): VU036115.D (-958) (-)

Ion 68.15 (67.85 to 68.85): VU036115.D (-958) (-)



#47

Tetrachloroethene

Concen: 0.923 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU036115.D

Acq: 11 Dec 2019 05:00

Tgt Ion: 164 Resp: 19463

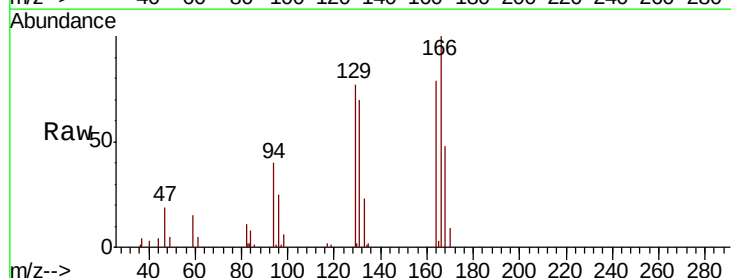
Ion Ratio Lower Upper

164 100

129 97.9 63.1 117.3

131 89.5 61.5 114.1

166 127.0 91.0 169.0



Abundance Ion 163.90 (163.60 to 164.60): VU036115.D (-2160) (-)

Ion 128.95 (128.65 to 129.65): VU036115.D (-2160) (-)

Ion 130.95 (130.65 to 131.65): VU036115.D (-2160) (-)

Ion 165.90 (165.60 to 166.60): VU036115.D (-2160) (-)

