

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121219\
 Data File : VU036176.D
 Acq On : 13 Dec 2019 02:27
 Operator : JC/MD
 Sample : K6273-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDR6

Quant Time: Dec 13 09:53:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 13 02:41:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	263998	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	294037	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	114447	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	137087	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.93	69	121202	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.59	63	140281	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.40%
20) 2-Butanone-d5	4.70	46	182906	42.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.10%
24) Chloroform-d	5.11	84	198703	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.75	65	100719	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.77	84	375953	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.73	67	124597	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.93	98	308219	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	8.21	79	45524	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.67	63	167903	44.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.34%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	110174	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	120815	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

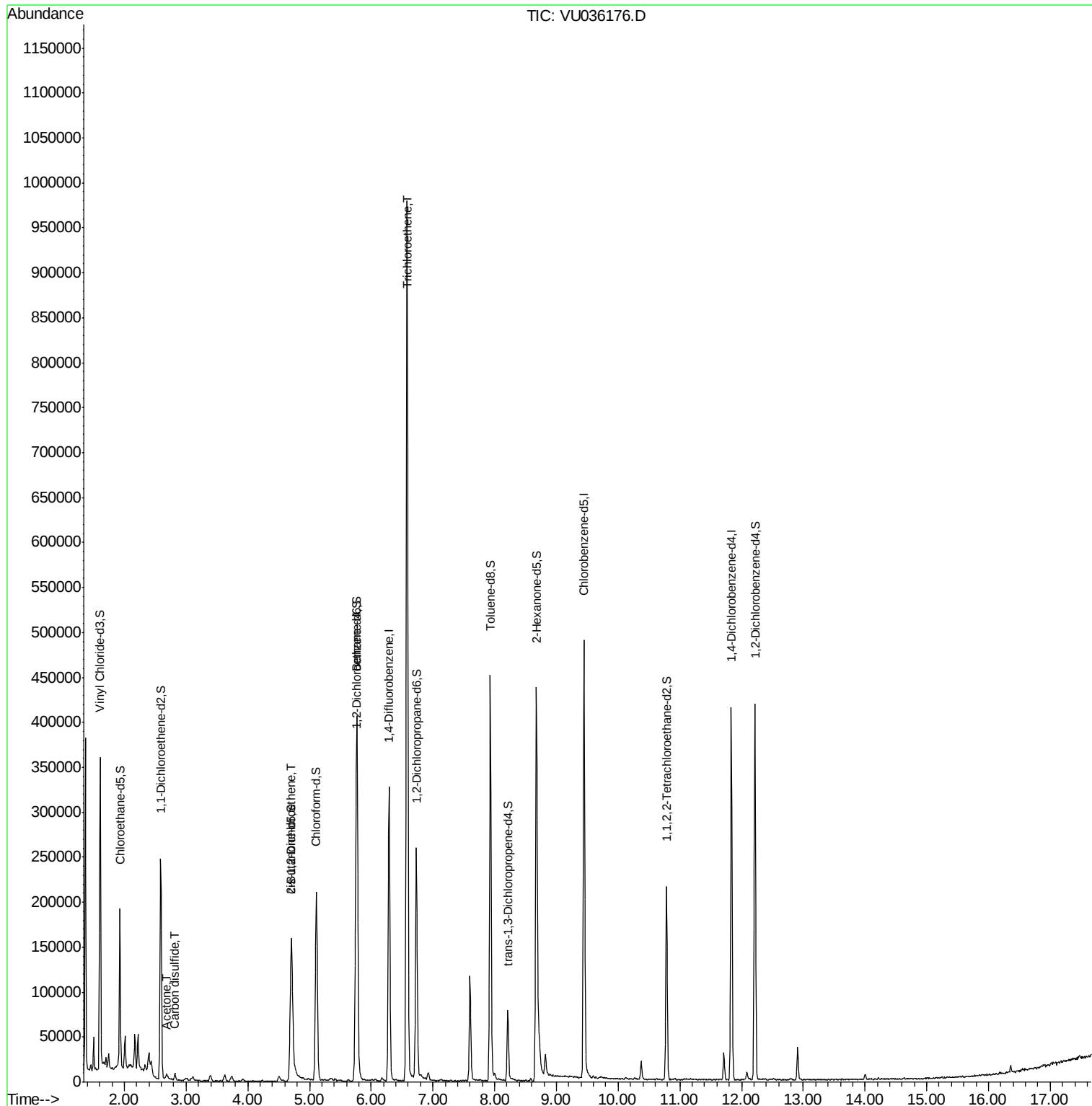
					Ovalue
13) Acetone	2.68	43	8594	2.298 ug/L	95
14) Carbon disulfide	2.82	76	9231	0.140 ug/L #	91
22) cis-1,2-Dichloroethene	4.72	96	38100	1.793 ug/L	95
34) Trichloroethene	6.58	95	334125	14.446 ug/L	97

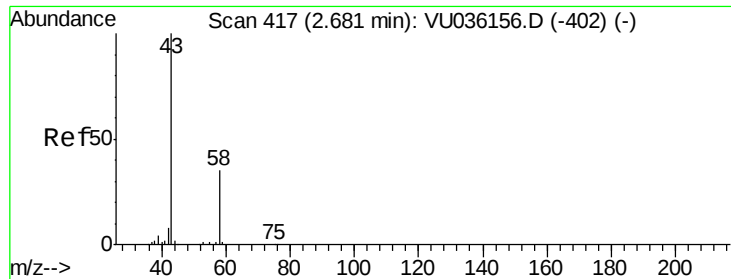
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.298 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.00 min

Lab File: VU036176.D

Acq: 13 Dec 2019 02:27

Instrument :

MSVOA_U

ClientSampleId :

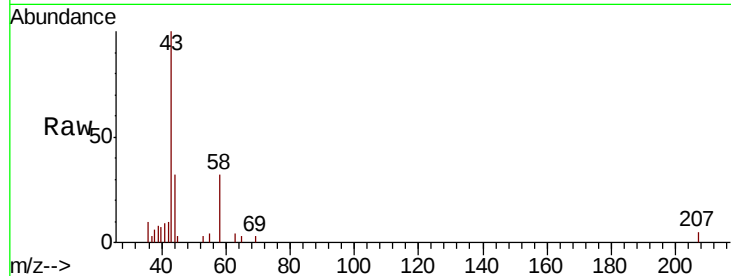
BFDR6

Tot Ion: 43 Resp: 8594

Ion Ratio Lower Upper

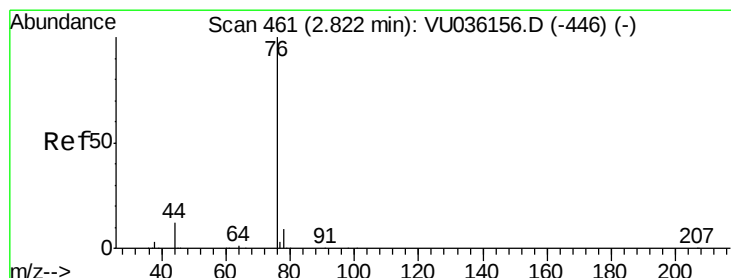
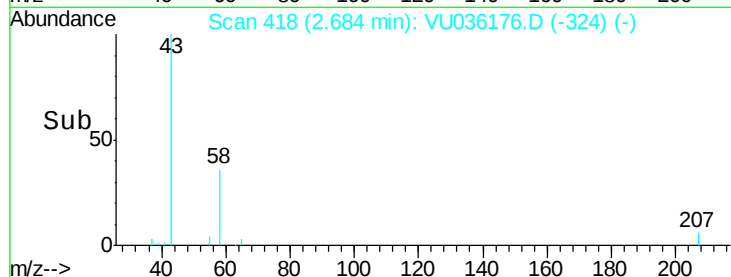
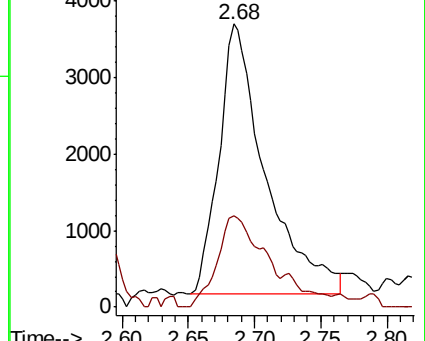
43 100

58 32.3 0.0 70.0



Abundance Ion 43.05 (42.75 to 43.75): VU036176.D (-324) (-)

Ion 58.05 (57.75 to 58.75): VU036176.D (-324) (-)



#14

Carbon disulfide

Concen: 0.140 ug/L

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU036176.D

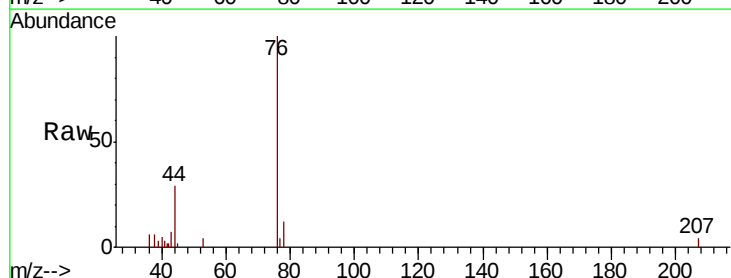
Acq: 13 Dec 2019 02:27

Tgt Ion: 76 Resp: 9231

Ion Ratio Lower Upper

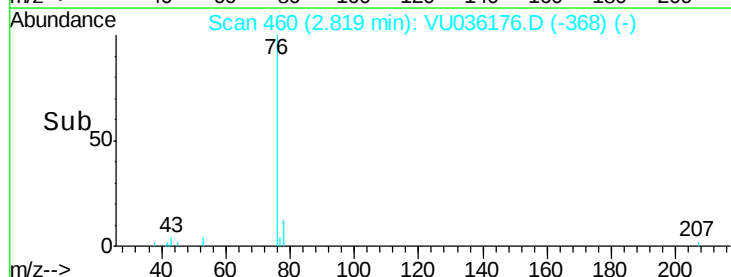
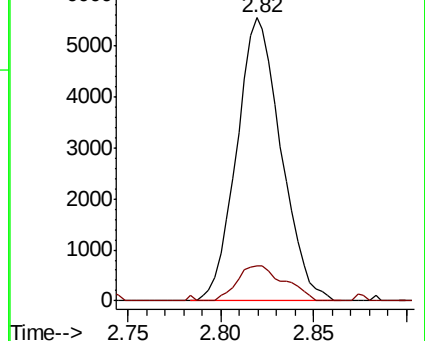
76 100

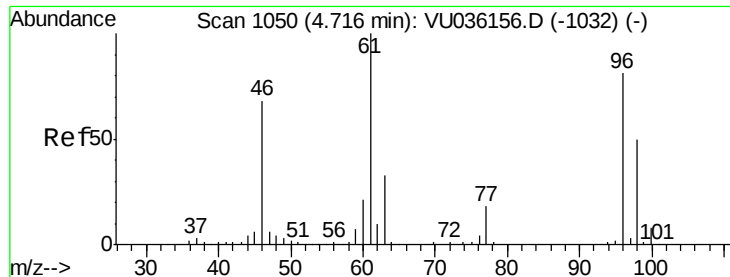
78 12.2 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VU036176.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VU036176.D (-368) (-)

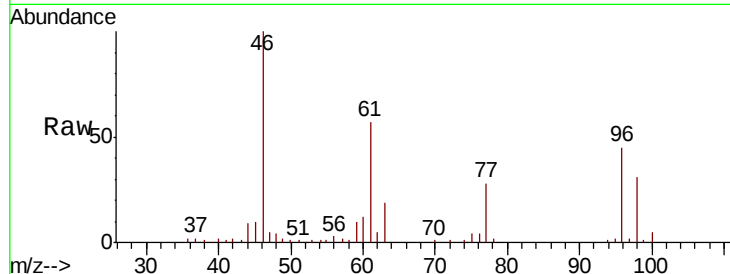




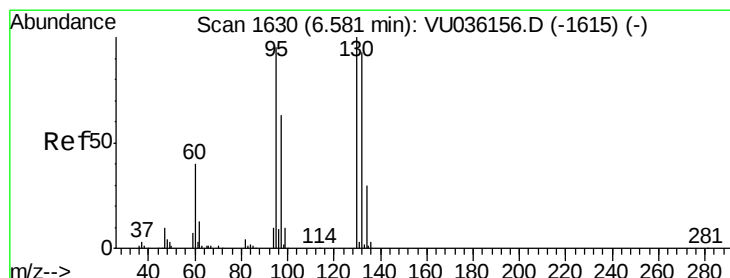
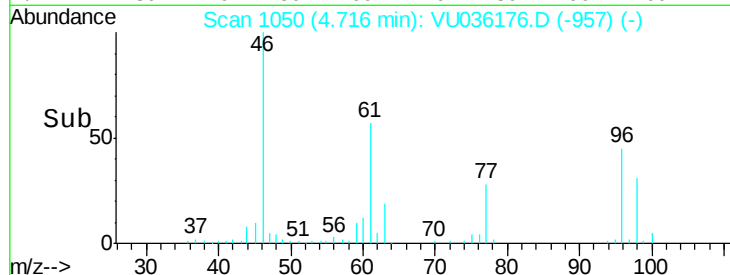
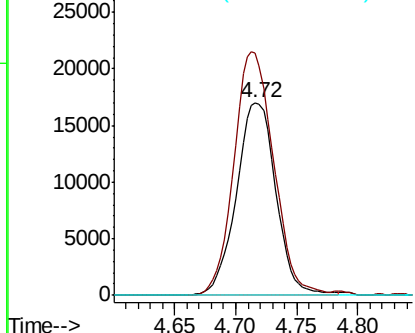
#22
 cis-1,2-Dichloroethene
 Concen: 1.793 ug/L
 RT: 4.72 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU036176.D
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Tot Ion: 96 Resp: 38100
 Ion Ratio Lower Upper
 96 100
 61 125.3 83.8 155.6
 68 0.0 0.0 0.0

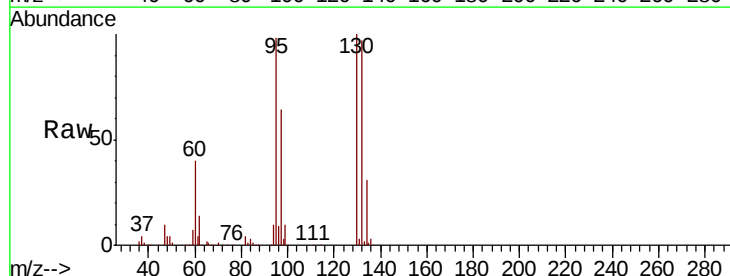


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



#34
 Trichloroethene
 Concen: 14.446 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VU036176.D
 Acq: 13 Dec 2019 02:27

Tgt Ion: 95 Resp: 334125
 Ion Ratio Lower Upper
 95 100
 97 65.1 43.7 81.1
 132 99.2 71.7 133.3
 130 102.4 73.1 135.7



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

