

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121019\
 Data File : VU036110.D
 Acq On : 11 Dec 2019 02:57
 Operator : JC/MD
 Sample : K6240-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQS4

Quant Time: Dec 23 02:40:30 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	253214	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	285453	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	100641	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	121250	5.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.40%
7) Chloroethane-d5	1.93	69	115050	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.59	63	129384	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.70	46	256161	66.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.22%#
24) Chloroform-d	5.11	84	189333	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.75	65	98190	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.77	84	349854	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.73	67	113535	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.93	98	285194	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.21	79	39034	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.68	63	199562	60.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.46%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	106148	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	104915	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

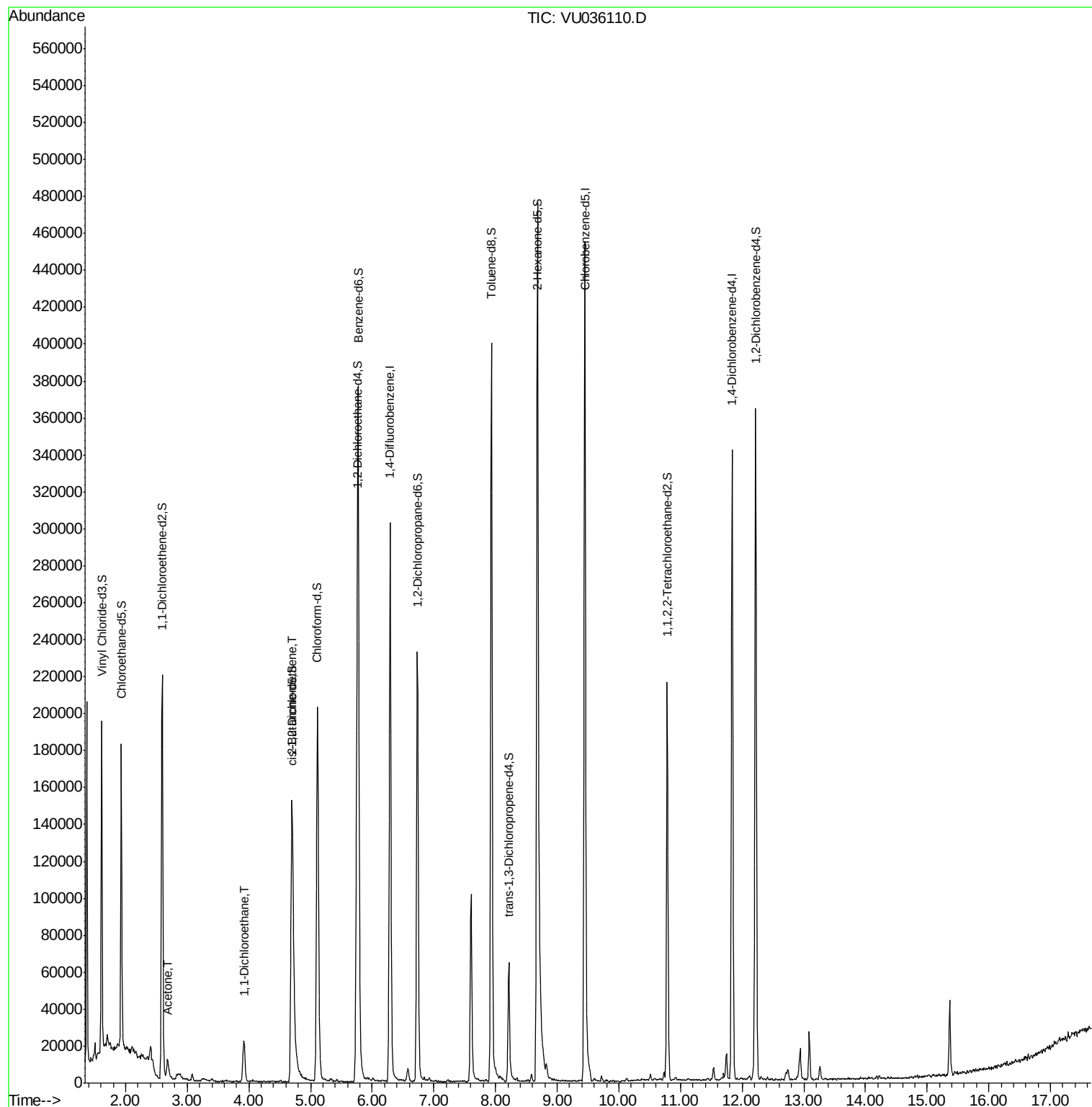
					Ovalue
13) Acetone	2.68	43	15845	3.246 ug/L	79
19) 1,1-Dichloroethane	3.92	63	27327	0.810 ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	7663	0.388 ug/L	89

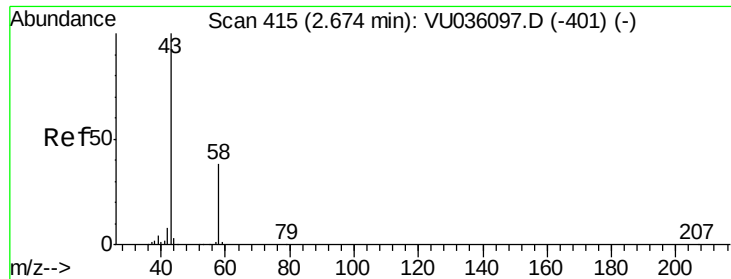
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.246 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.01 min

Lab File: VU036110.D

Acq: 11 Dec 2019 02:57

Instrument :

MSVOA_U

ClientSampleId :

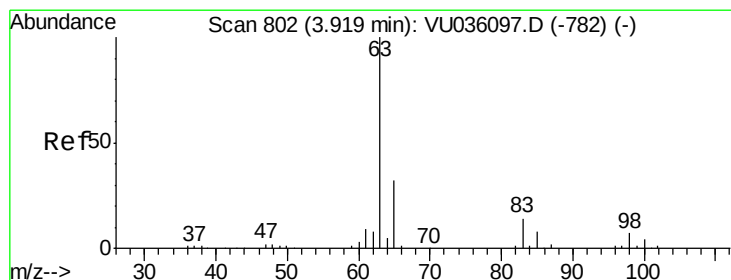
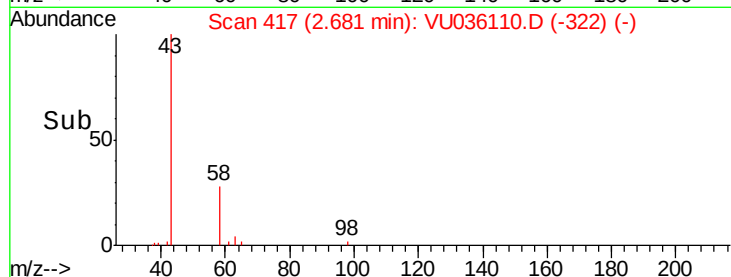
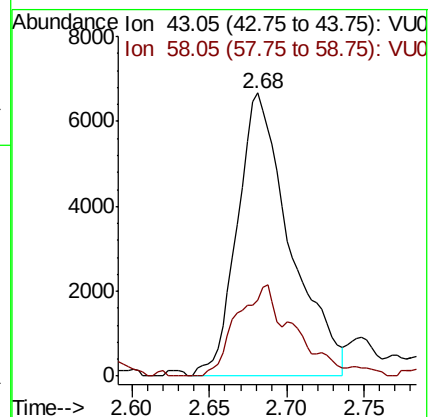
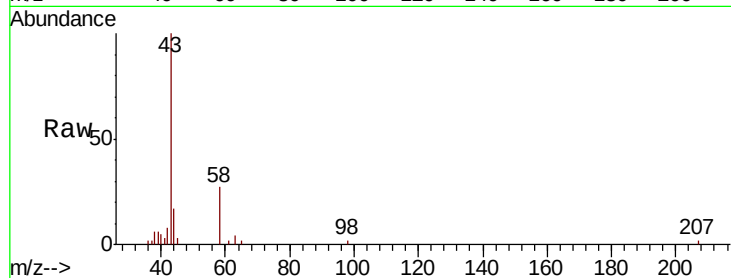
BFQS4

Tot Ion: 43 Resp: 15845

Ion Ratio Lower Upper

43 100

58 24.4 0.0 74.2



#19

1,1-Dichloroethane

Concen: 0.810 ug/L

RT: 3.92 min Scan# 802

Delta R.T. 0.00 min

Lab File: VU036110.D

Acq: 11 Dec 2019 02:57

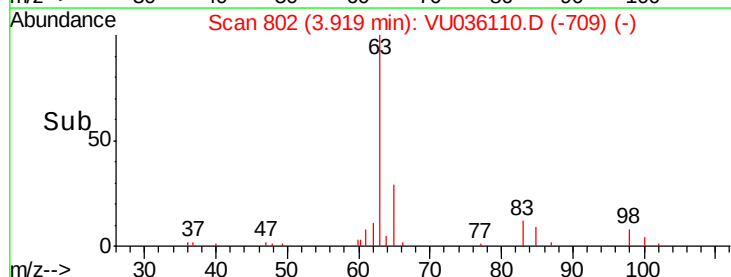
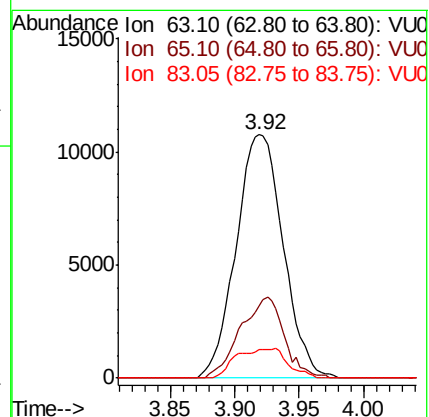
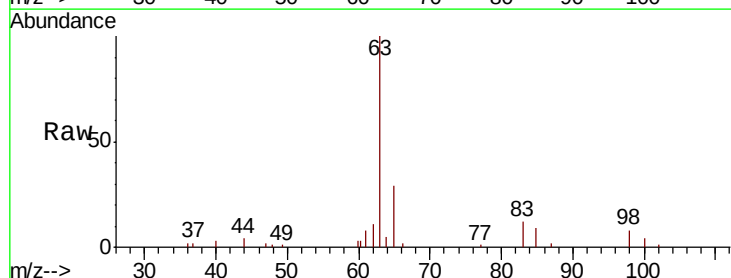
Tgt Ion: 63 Resp: 27327

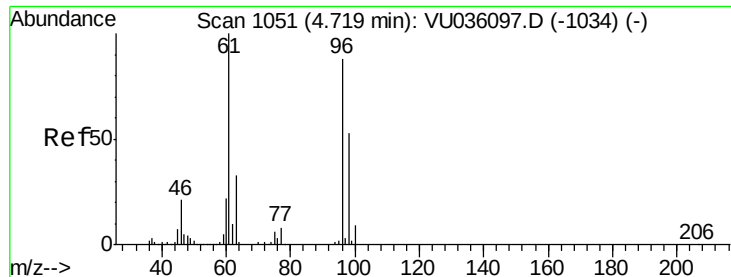
Ion Ratio Lower Upper

63 100

65 29.5 21.8 40.4

83 11.6 10.1 18.9





#22

cis-1,2-Dichloroethene

Concen: 0.388 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VU036110.D

Acq: 11 Dec 2019 02:57

Instrument :

MSVOA_U

ClientSampleId :

BFQS4

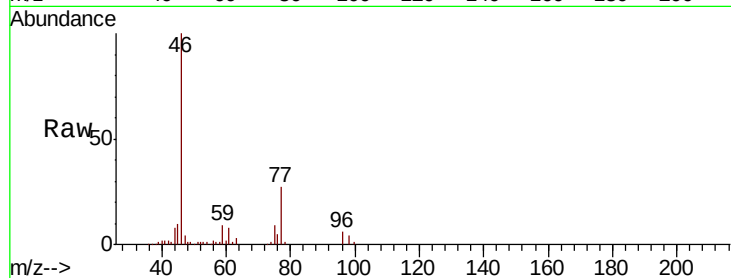
Tot Ion: 96 Resp: 7663

Ion Ratio Lower Upper

96 100

61 130.5 83.0 154.2

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

