

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121319\
 Data File : VU036218.D
 Acq On : 14 Dec 2019 00:07
 Operator : JC/MD
 Sample : K6240-22
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQS7

Quant Time: Dec 14 04:19:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 14 01:19:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	218692	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	249380	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	95783	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	94080	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.93	69	91514	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.59	63	97787	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.70	46	234169	64.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.80%
24) Chloroform-d	5.11	84	160817	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.75	65	88530	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.77	84	296805	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.73	67	97070	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.93	98	237239	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	8.21	79	35801	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.68	63	172660	55.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.12%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	100730	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	98367	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

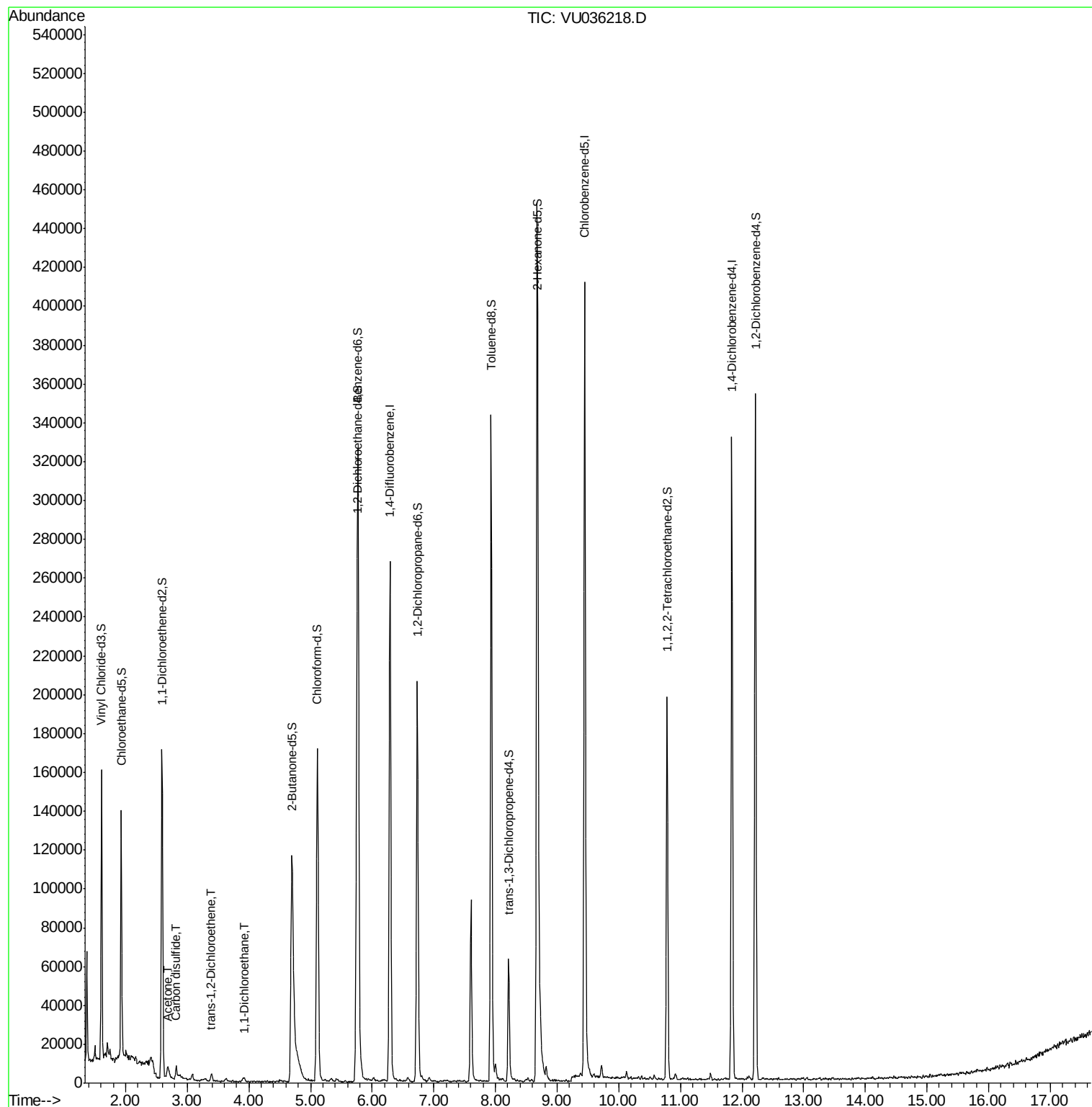
					Ovalue
13) Acetone	2.69	43	11527	3.666 ug/L	84
14) Carbon disulfide	2.82	76	7967	0.146 ug/L #	82
18) trans-1,2-Dichloroethene	3.39	96	1695	0.100 ug/L #	68
19) 1,1-Dichloroethane	3.92	63	2876	0.092 ug/L	94

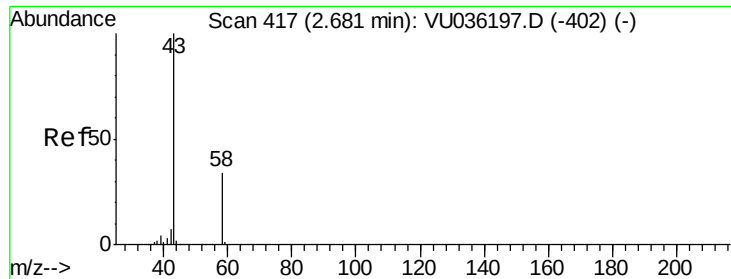
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.666 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.01 min

Lab File: VU036218.D

Acq: 14 Dec 2019 00:07

Instrument :

MSVOA_U

ClientSampleId :

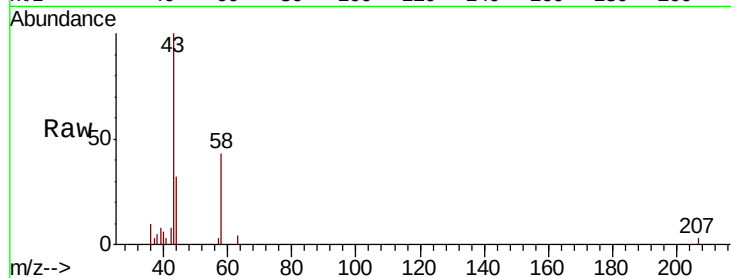
BFQS7

Tot Ion: 43 Resp: 11527

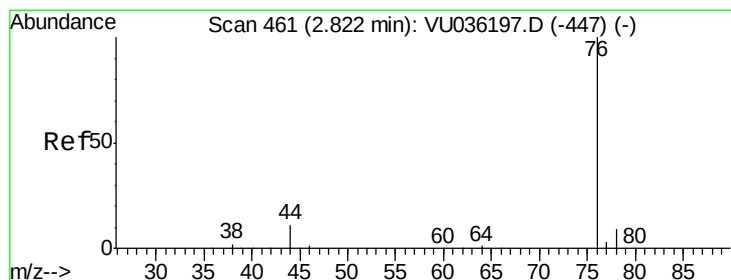
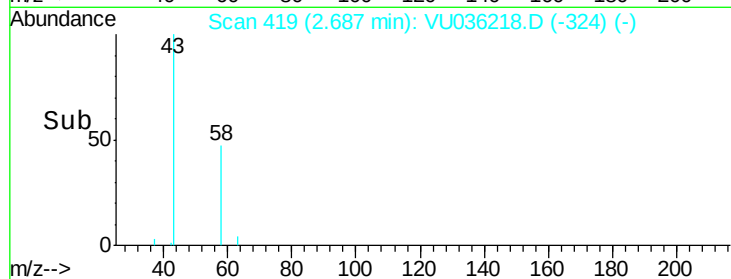
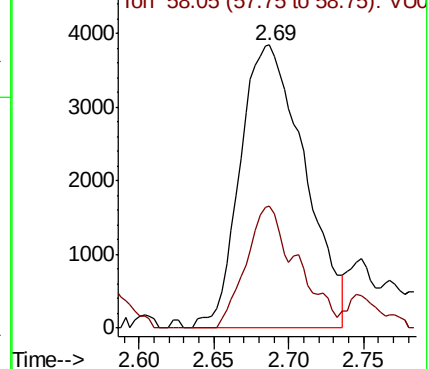
Ion Ratio Lower Upper

43 100

58 24.7 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036218.D (-324) (-)



#14

Carbon disulfide

Concen: 0.146 ug/L

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU036218.D

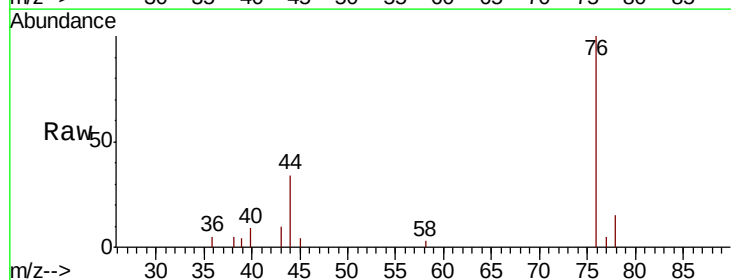
Acq: 14 Dec 2019 00:07

Tgt Ion: 76 Resp: 7967

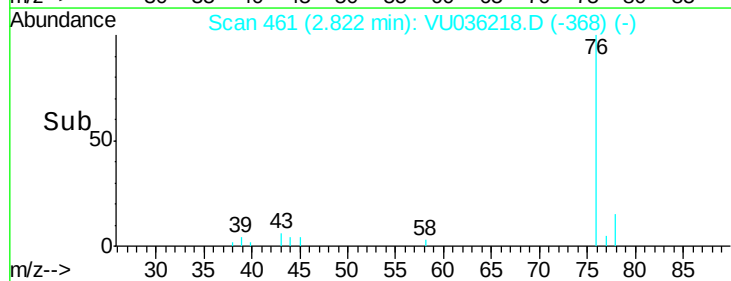
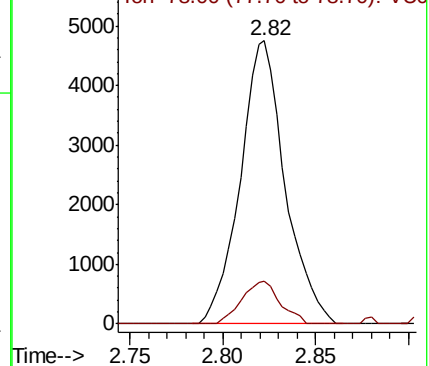
Ion Ratio Lower Upper

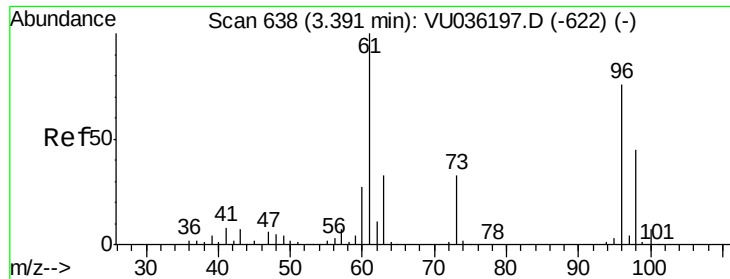
76 100

78 15.2 7.1 10.7#



Abundance Ion 76.05 (75.75 to 76.75): VU036218.D (-368) (-)





#18

trans-1,2-Dichloroethene

Concen: 0.100 ug/L

RT: 3.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: VU036218.D

Acq: 14 Dec 2019 00:07

Instrument :

MSVOA_U

ClientSampled :

BFQS7

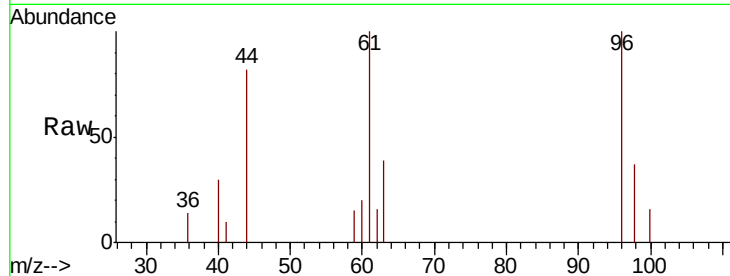
Tot Ion: 96 Resp: 1695

Ion Ratio Lower Upper

96 100

61 100.3 94.8 176.2

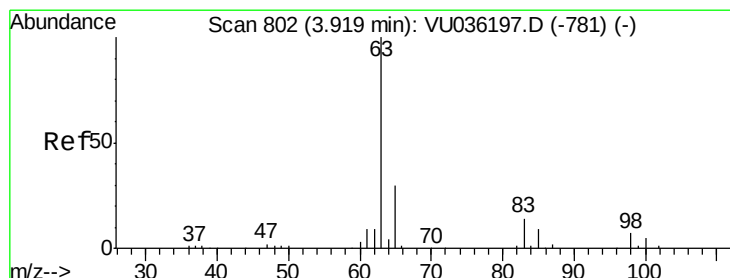
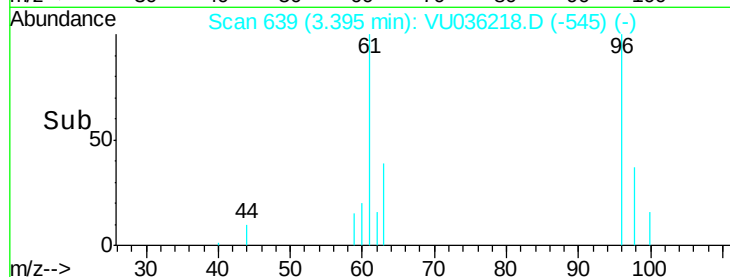
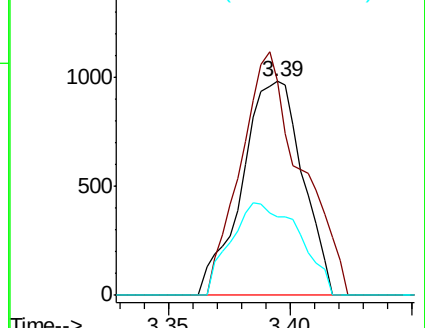
98 36.7 46.8 86.8#



Abundance Ion 96.00 (95.70 to 96.70): VU036218.D (-545) (-)

Ion 61.05 (60.75 to 61.75): VU036218.D (-545) (-)

Ion 97.95 (97.65 to 98.65): VU036218.D (-545) (-)



#19

1,1-Dichloroethane

Concen: 0.092 ug/L

RT: 3.92 min Scan# 803

Delta R.T. 0.00 min

Lab File: VU036218.D

Acq: 14 Dec 2019 00:07

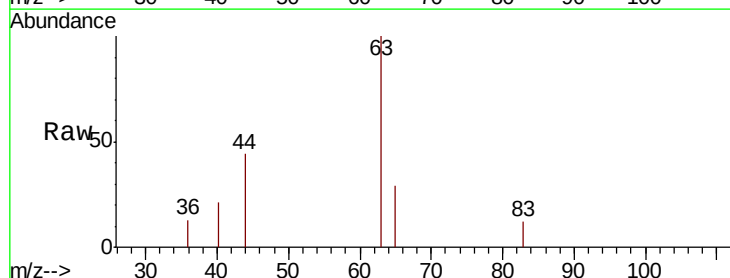
Tgt Ion: 63 Resp: 2876

Ion Ratio Lower Upper

63 100

65 28.6 22.6 42.0

83 12.2 9.7 18.1



Abundance Ion 63.10 (62.80 to 63.80): VU036218.D (-709) (-)

Ion 65.10 (64.80 to 65.80): VU036218.D (-709) (-)

Ion 83.05 (82.75 to 83.75): VU036218.D (-709) (-)

