

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061419\
 Data File : VU032711.D
 Acq On : 13 Jun 2019 22:11
 Operator : JC/SP
 Sample : K3364-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM32

Quant Time: Jun 17 15:59:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 14 07:38:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	92092	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	87475	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	40694	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	28143	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.68	69	27639	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.27	63	64360	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.00%
20) 2-Butanone-d5	4.20	46	96366	57.67	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.34%
24) Chloroform-d	4.64	84	58909	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.31	65	33243	5.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.60%
32) Benzene-d6	5.33	84	113704	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.32	67	36596	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.56	98	98517	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	7.85	79	12482	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.31	63	54833	38.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	27979	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	39351	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

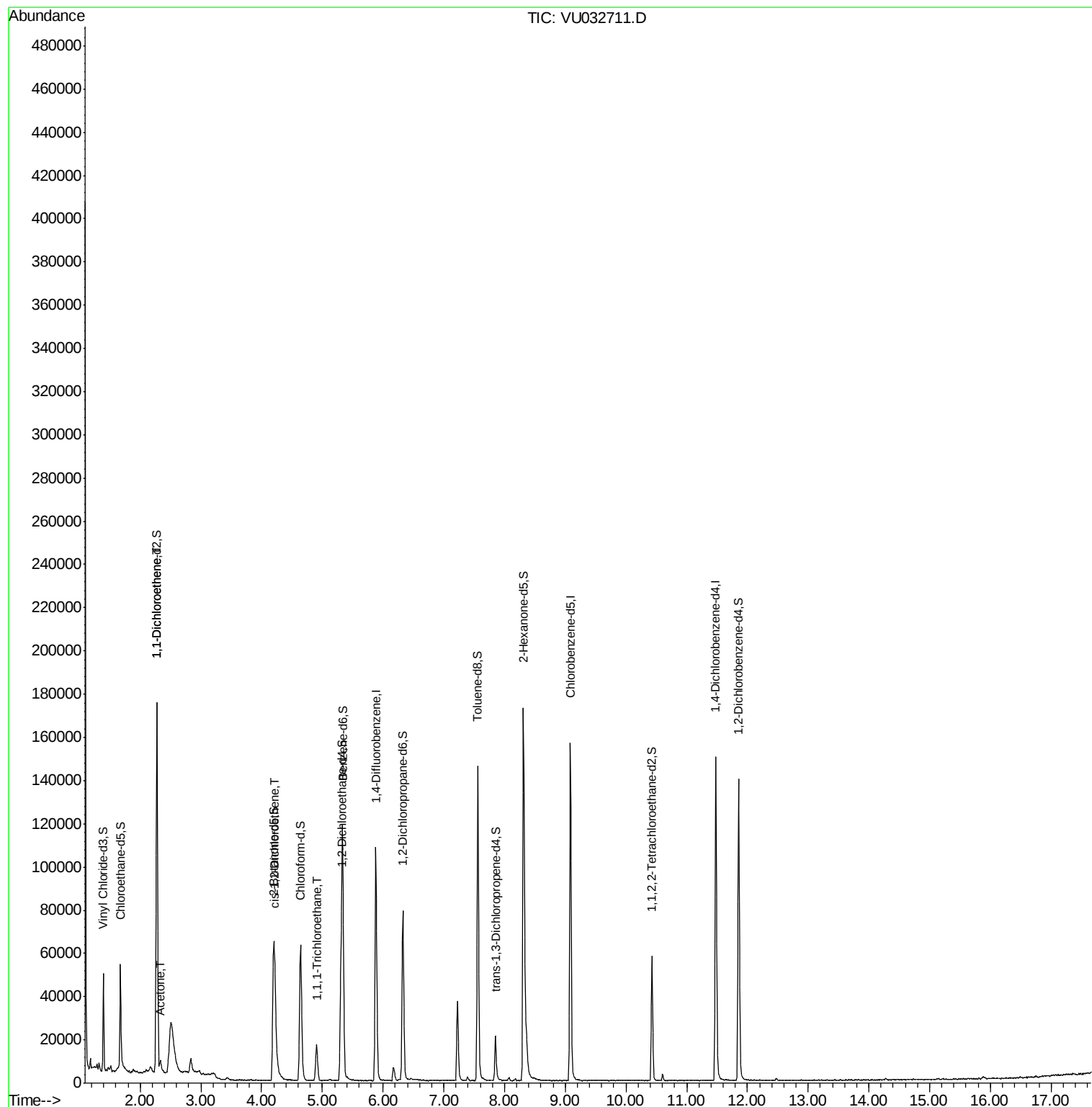
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	35904	6.136	ug/L	97
13) Acetone	2.33	43	5120	3.948	ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	11399	1.595	ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	13257	1.244	ug/L	97

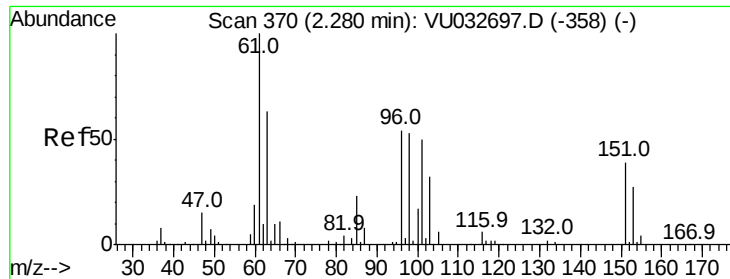
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 6.136 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU032711.D

Acq: 13 Jun 2019 22:11

Instrument :

MSVOA_U

ClientSampled :

COM32

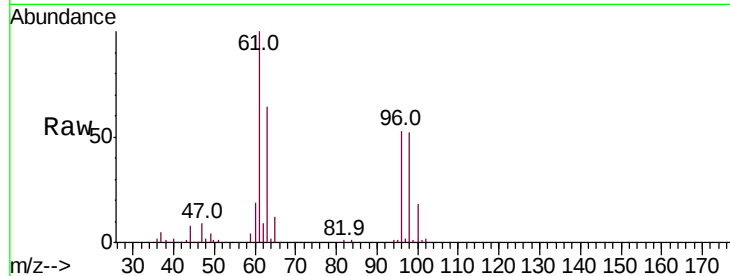
Tot Ion: 96 Resp: 35904

Ion Ratio Lower Upper

96 100

61 188.3 131.8 244.8

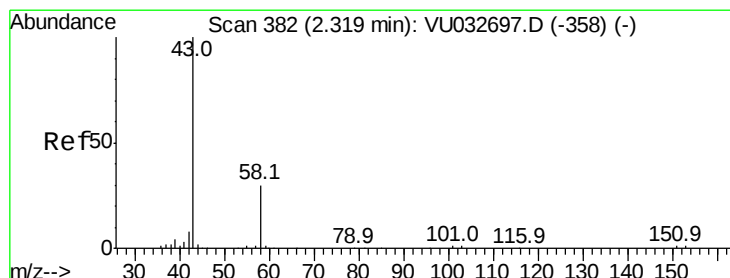
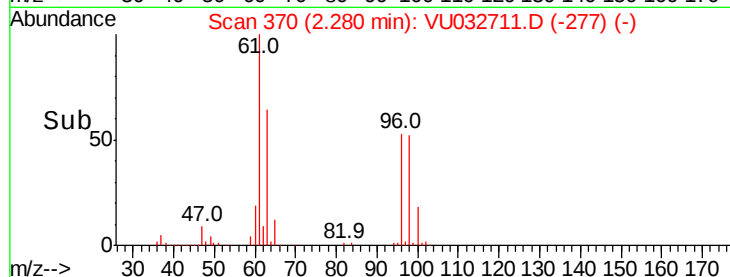
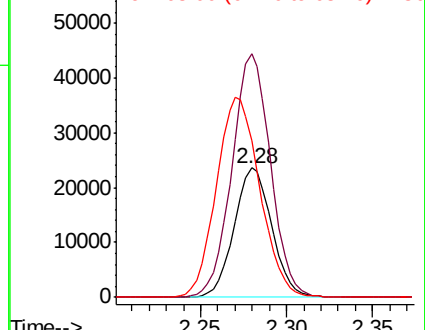
63 121.1 90.1 167.3



Abundance Ion 96.00 (95.70 to 96.70): VU032711.D (-277) (-)

Ion 61.05 (60.75 to 61.75): VU032711.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU032711.D (-277) (-)



#13

Acetone

Concen: 3.948 ug/L

RT: 2.33 min Scan# 387

Delta R.T. 0.02 min

Lab File: VU032711.D

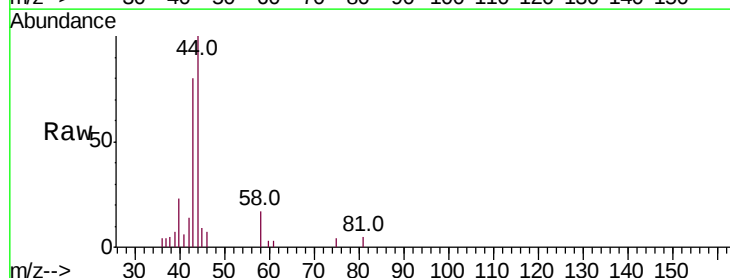
Acq: 13 Jun 2019 22:11

Tgt Ion: 43 Resp: 5120

Ion Ratio Lower Upper

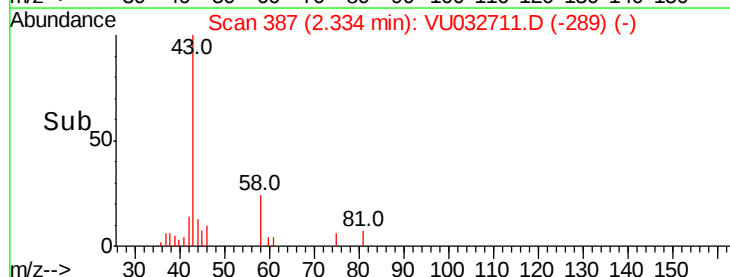
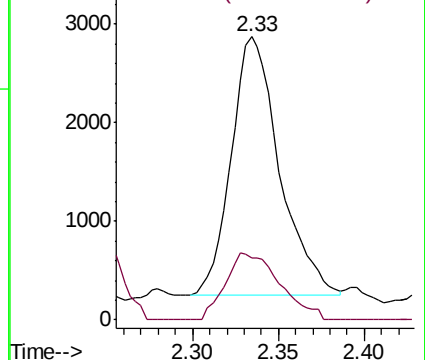
43 100

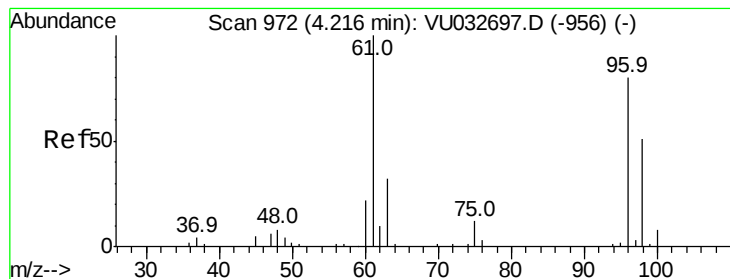
58 29.1 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032711.D (-289) (-)

Ion 58.05 (57.75 to 58.75): VU032711.D (-289) (-)



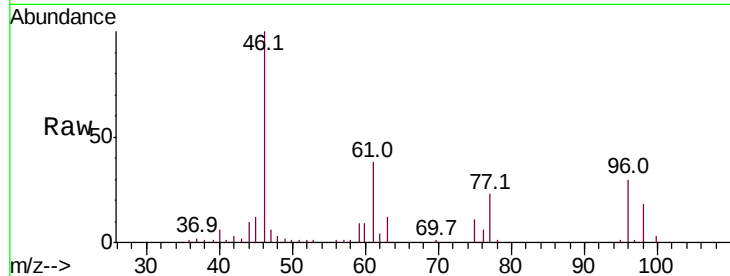


#22

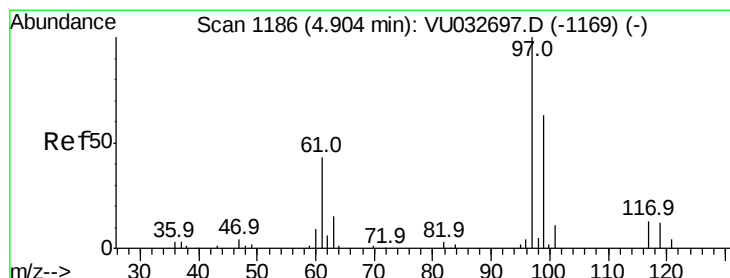
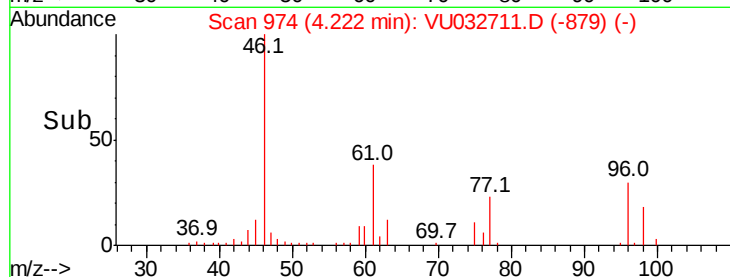
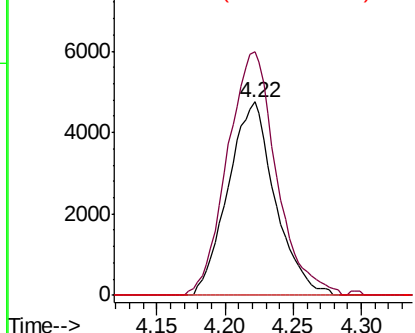
cis-1,2-Dichloroethene
 Concen: 1.595 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: VU032711.D
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Tot Ion: 96 Resp: 11399
 Ion Ratio Lower Upper
 96 100
 61 125.7 86.6 160.8
 68 0.0 0.0 0.0



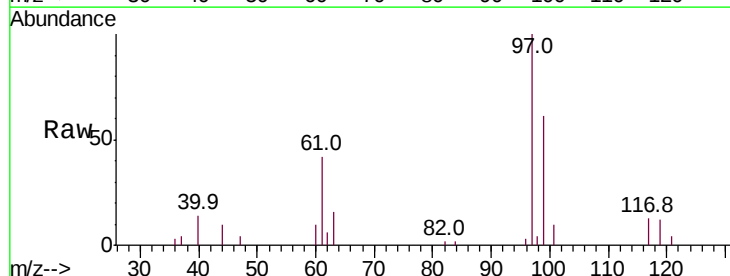
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



#29

1,1,1-Trichloroethane
 Concen: 1.244 ug/L
 RT: 4.91 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: VU032711.D
 Acq: 13 Jun 2019 22:11

Tgt Ion: 97 Resp: 13257
 Ion Ratio Lower Upper
 97 100
 99 60.7 51.8 77.6
 61 43.1 34.7 52.1



Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

