

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
 Data File : VU032853.D
 Acq On : 19 Jun 2019 13:11
 Operator : JC/SP
 Sample : K3385-19DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0M67DL

Quant Time: Jun 20 07:01:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 20 05:14:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	93751	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	91401	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47220	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	29539	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.68	69	25412	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.27	63	49528	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	4.19	46	104661	61.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.04%
24) Chloroform-d	4.64	84	62936	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.20%
26) 1,2-Dichloroethane-d4	5.30	65	37021	6.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.80%
32) Benzene-d6	5.33	84	119787	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.32	67	39022	5.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.40%
41) Toluene-d8	7.56	98	109030	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
43) trans-1,3-Dichloropropene-	7.85	79	15889	5.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.20%
46) 2-Hexanone-d5	8.31	63	78865	52.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	34436	5.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	48137	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

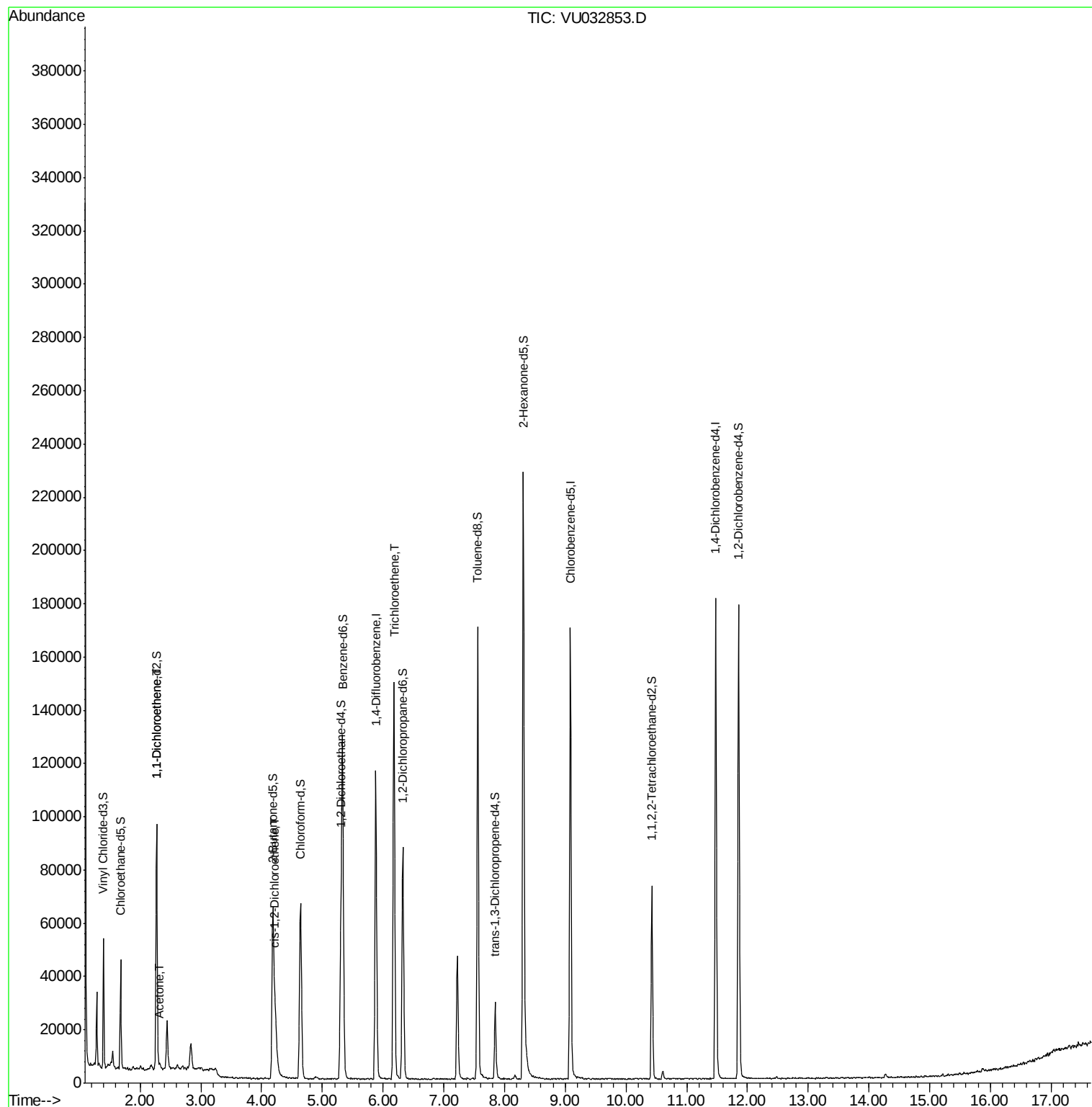
				Ovalue	
12) 1,1-Dichloroethene	2.28	96	2969	0.498 ug/L	# 1
13) Acetone	2.32	43	1580	1.197 ug/L	96
22) cis-1,2-Dichloroethene	4.22	96	2132	0.293 ug/L	98
34) Trichloroethene	6.18	95	50125	6.467 ug/L	97

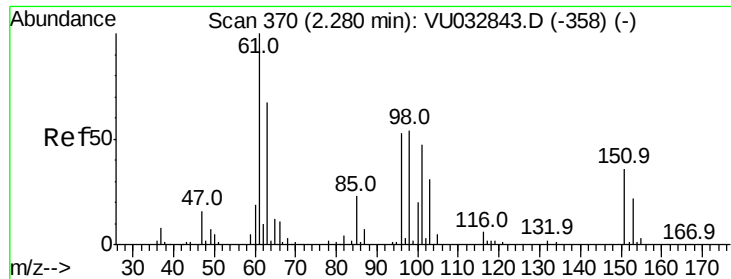
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.498 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU032853.D

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Instrument :

MSVOA_U

ClientSampleId :

C0M67DL

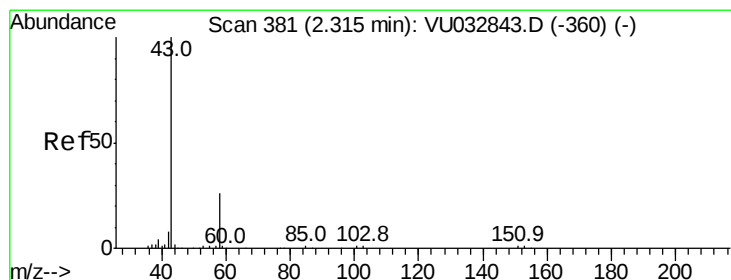
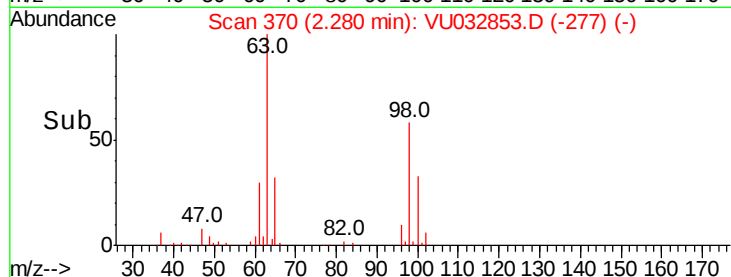
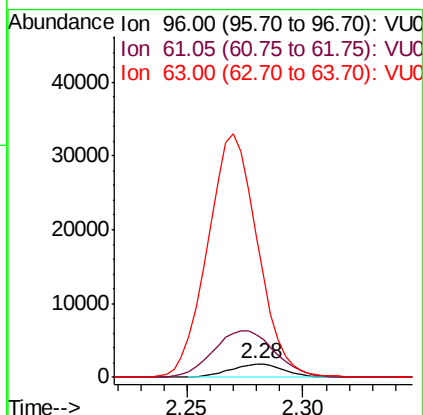
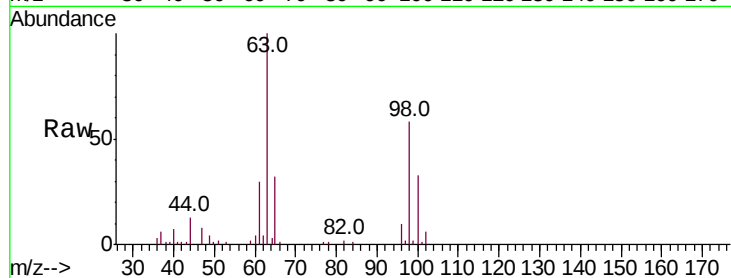
Tot Ion: 96 Resp: 2969

Ion Ratio Lower Upper

96 100

61 312.9 131.8 244.8#

63 1028.6 90.1 167.3#



#13

Acetone

Concen: 1.197 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032853.D

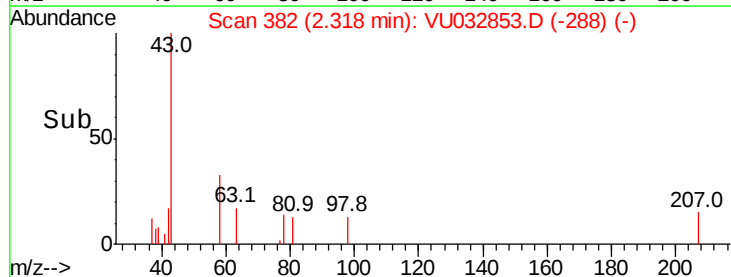
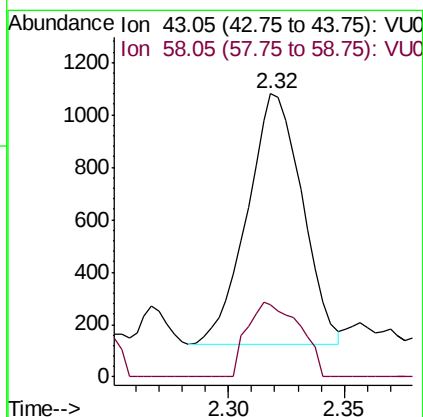
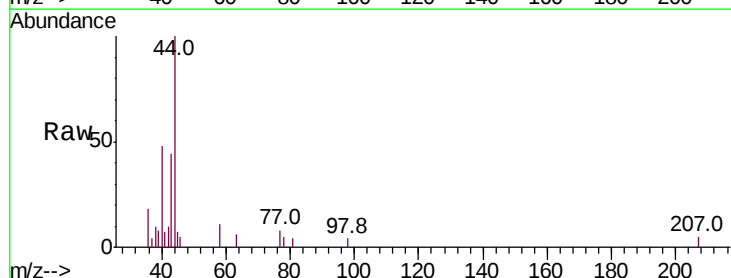
Acq: 19 Jun 2019 13:11

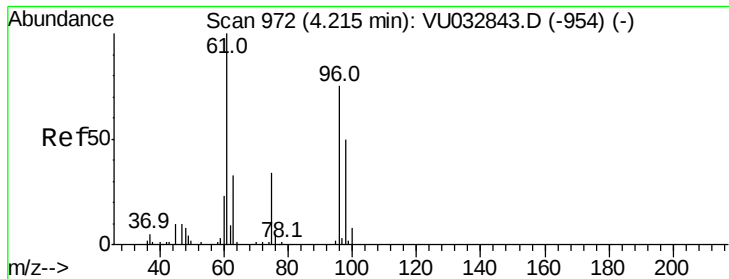
Tgt Ion: 43 Resp: 1580

Ion Ratio Lower Upper

43 100

58 28.5 0.0 60.8



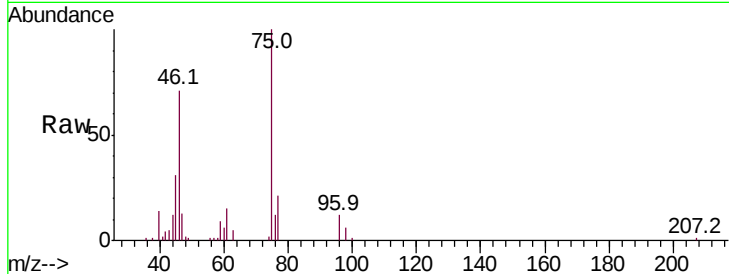


#22

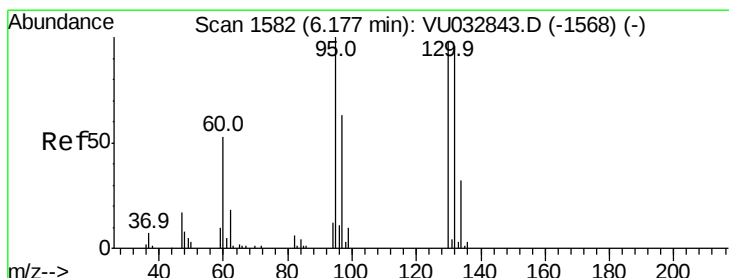
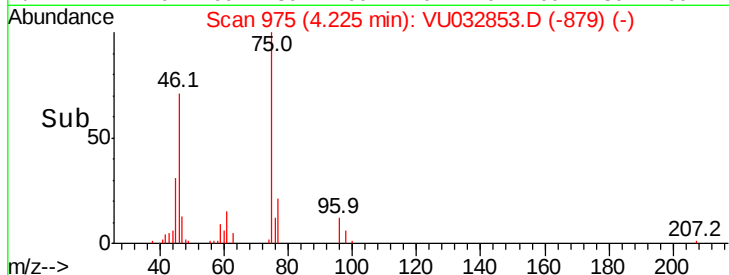
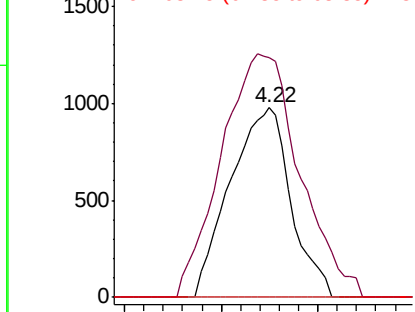
cis-1,2-Dichloroethene
Concen: 0.293 ug/L
RT: 4.22 min Scan# 975
Delta R.T. 0.01 min
Lab File: VU032853.D
Acq: 19 Jun 2019 13:11

Instrument :
MSVOA_U
ClientSampleId :
COM67DL

Tot Ion: 96 Resp: 2132
Ion Ratio Lower Upper
96 100
61 126.2 86.6 160.8
68 0.0 0.0 0.0



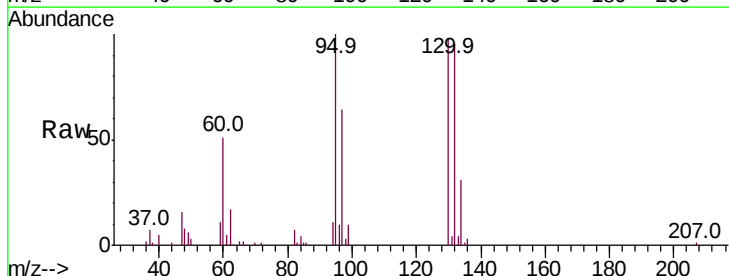
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



#34

Trichloroethene
Concen: 6.467 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VU032853.D
Acq: 19 Jun 2019 13:11

Tgt Ion: 95 Resp: 50125
Ion Ratio Lower Upper
95 100
97 64.0 44.1 81.9
132 95.5 68.8 127.8
130 98.2 71.0 131.8



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

