

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038582.D
 Acq On : 05 Jun 2020 18:49
 Operator : SY/MD
 Sample : L2906-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE3

Quant Time: Jun 06 02:10:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 06 00:12:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	315425	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	311252	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	147496	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	60409	2.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.20%
7) Chloroethane-d5	1.93	69	58103	3.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.00%
11) 1,1-Dichloroethene-d2	2.59	63	104755	2.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.20%#
20) 2-Butanone-d5	4.68	46	300339	48.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.86%
24) Chloroform-d	5.10	84	159806	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.74	65	93691	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	5.76	84	310958	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	6.72	67	99554	4.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.40%
41) Toluene-d8	7.92	98	260828	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
43) trans-1,3-Dichloropropene-	8.20	79	36416	3.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.80%
46) 2-Hexanone-d5	8.65	63	246673	48.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.22%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	89106	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	109703	4.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.20%

Target Compounds

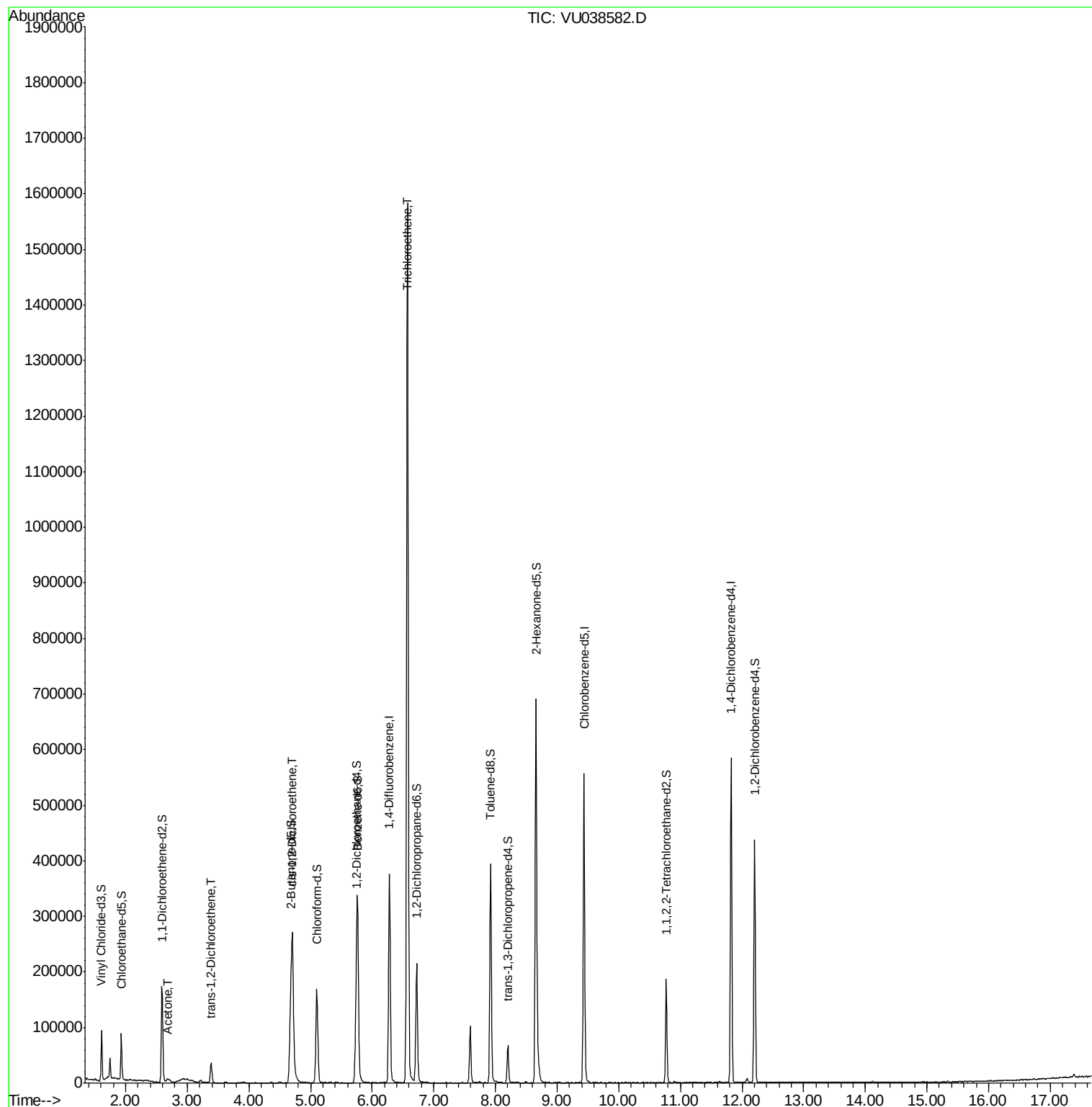
					Ovalue
13) Acetone	2.68	43	14448	3.560	ug/L 70
18) trans-1,2-Dichloroethene	3.39	96	14841	0.709	ug/L 91
22) cis-1,2-Dichloroethene	4.71	96	94429	4.189	ug/L 95
34) Trichloroethene	6.57	95	542894	24.100	ug/L 98

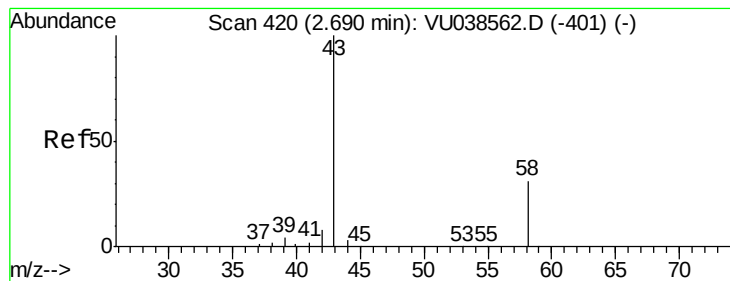
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.560 ug/L

RT: 2.68 min Scan# 417

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

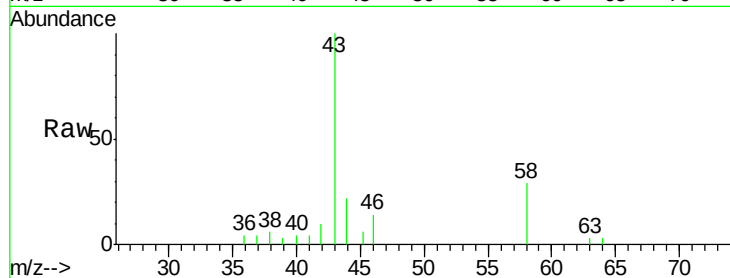
C0AE3

Tot Ion: 43 Resp: 14448

Ion Ratio Lower Upper

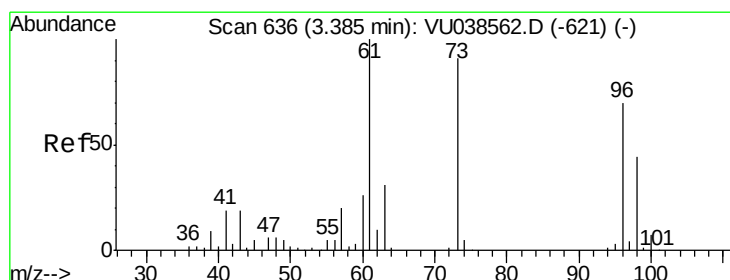
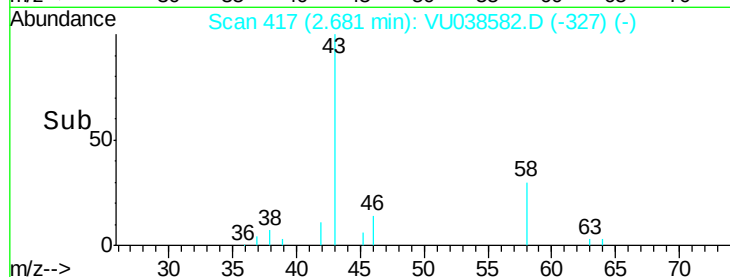
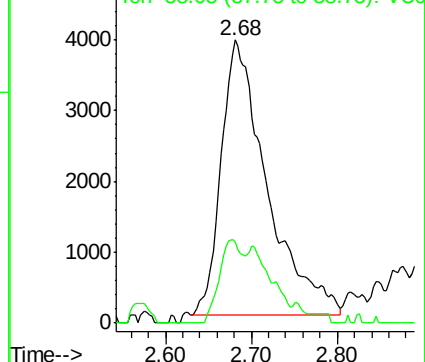
43 100

58 16.0 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#18

trans-1,2-Dichloroethene

Concen: 0.709 ug/L

RT: 3.39 min Scan# 637

Delta R.T. 0.00 min

Lab File: VU038582.D

Acq: 05 Jun 2020 18:49

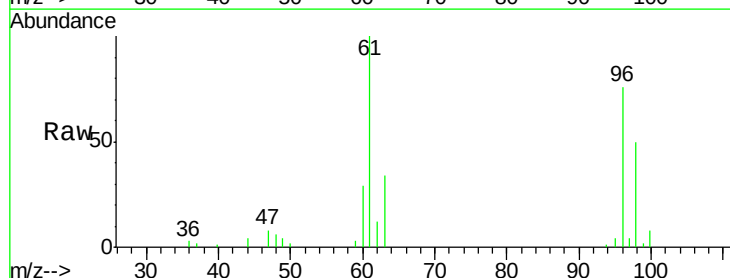
Tgt Ion: 96 Resp: 14841

Ion Ratio Lower Upper

96 100

61 131.0 100.2 186.0

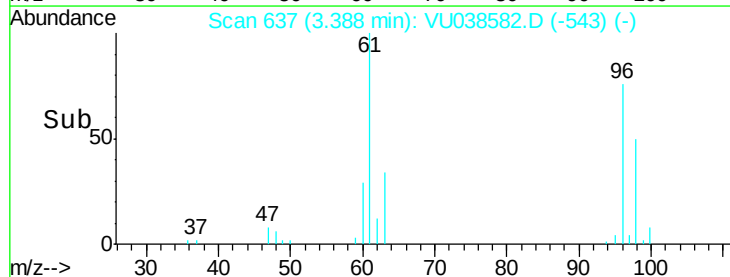
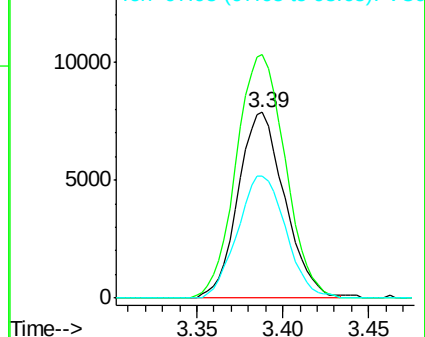
98 65.6 42.8 79.4

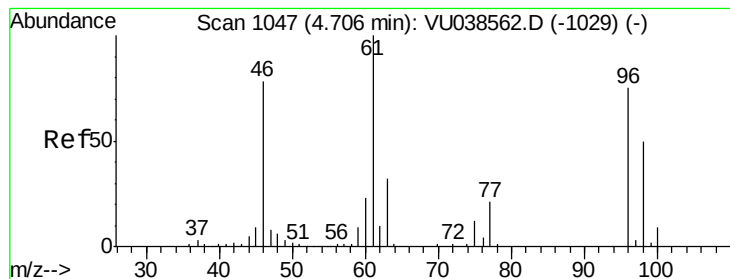


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0





#22

cis-1,2-Dichloroethene

Concen: 4.189 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU038582.D

Acq: 05 Jun 2020 18:49

Instrument :

MSVOA_U

ClientSampleId :

C0AE3

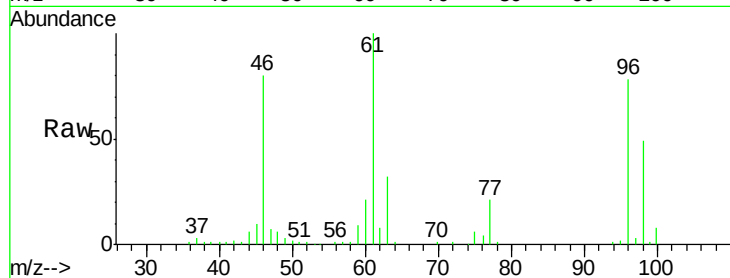
Tot Ion: 96 Resp: 94429

Ion Ratio Lower Upper

96 100

61 128.3 94.0 174.6

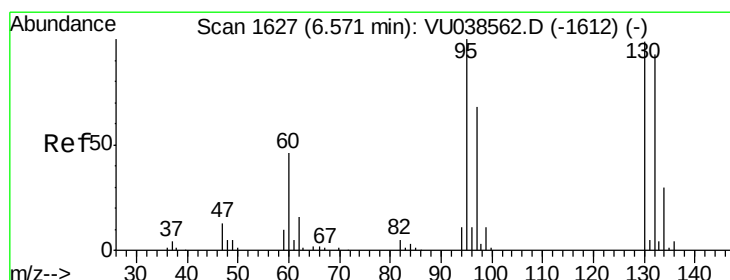
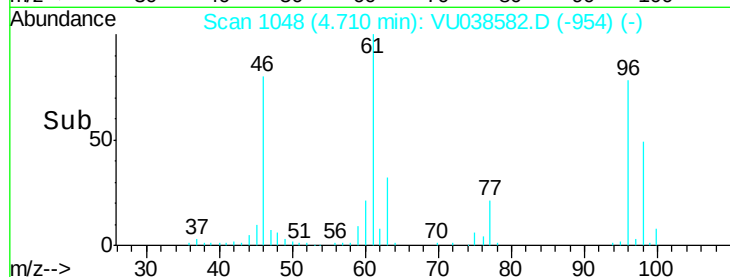
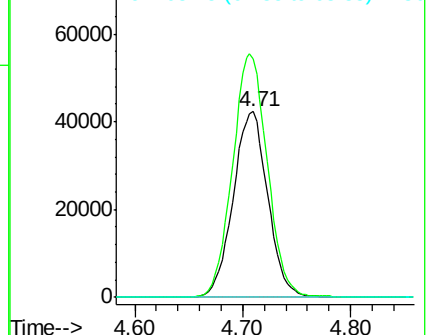
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038582.D (-1534) (-)

Ion 61.05 (60.75 to 61.75): VU038582.D (-1534) (-)

Ion 68.15 (67.85 to 68.85): VU038582.D (-1534) (-)



#34

Trichloroethene

Concen: 24.100 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038582.D

Acq: 05 Jun 2020 18:49

Tgt Ion: 95 Resp: 542894

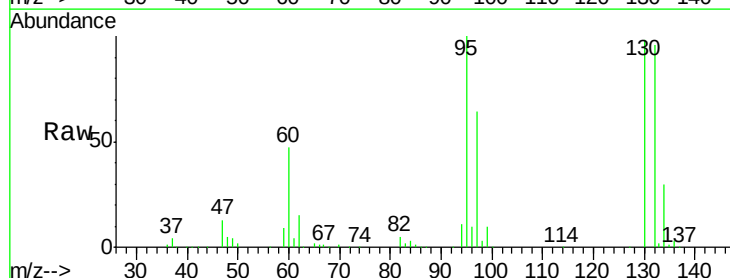
Ion Ratio Lower Upper

95 100

97 63.9 46.8 87.0

132 95.6 66.1 122.7

130 98.4 70.0 130.0



Abundance Ion 95.00 (94.70 to 95.70): VU038582.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU038582.D (-1534) (-)

Ion 131.95 (131.65 to 132.65): VU038582.D (-1534) (-)

Ion 129.95 (129.65 to 130.65): VU038582.D (-1534) (-)

