

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102319\
 Data File : VU035440.D
 Acq On : 24 Oct 2019 06:22
 Operator : JC/SP
 Sample : K5488-23
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G37

Quant Time: Oct 24 08:23:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 24 07:51:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	203813	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	210448	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	58579	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	50114	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.93	69	55829	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.60	63	74818	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.70	46	212894	59.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.22%
24) Chloroform-d	5.11	84	125345	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
26) 1,2-Dichloroethane-d4	5.75	65	71805	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.20%
32) Benzene-d6	5.77	84	218283	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.74	67	83388	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.93	98	174949	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.00%
43) trans-1,3-Dichloropropene-	8.22	79	27307	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	8.69	63	136408	41.71	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.42%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	77714	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.20%
64) 1,2-Dichlorobenzene-d4	12.23	152	54734	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

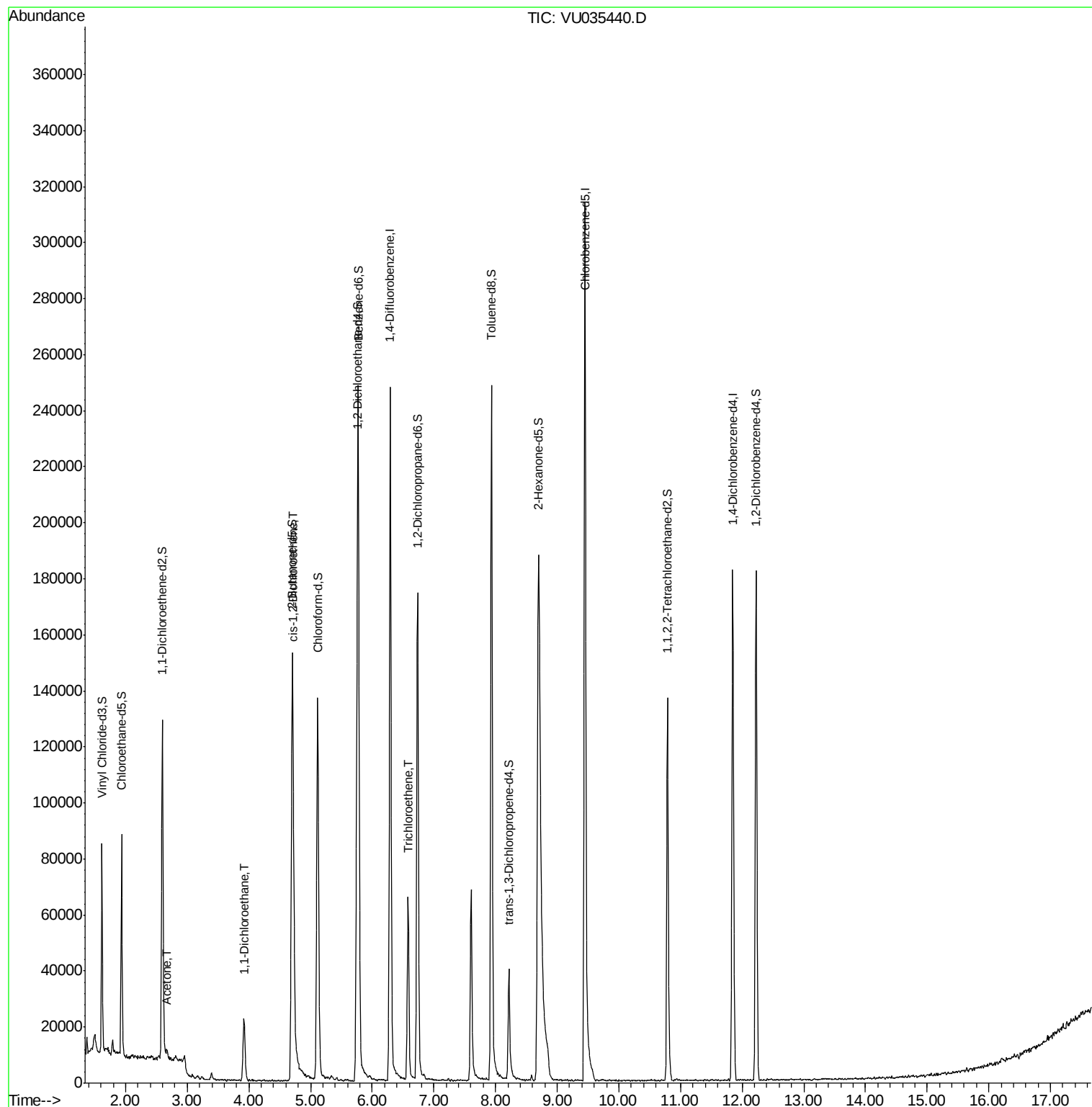
					Ovalue
13) Acetone	2.67	43	2441	0.983 ug/L	99
19) 1,1-Dichloroethane	3.92	63	26755	1.047 ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	19935	1.276 ug/L	96
34) Trichloroethene	6.58	95	22986	1.381 ug/L	92

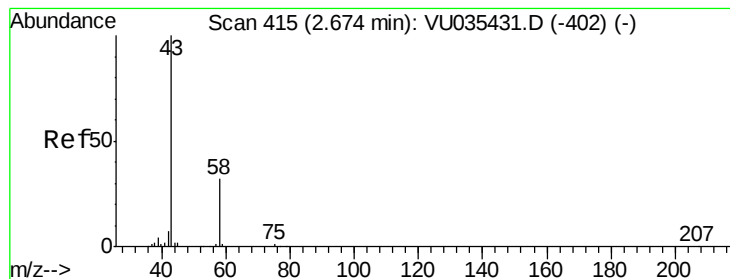
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.983 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU035440.D

Acq: 24 Oct 2019 06:22

Instrument :

MSVOA_U

ClientSampleId :

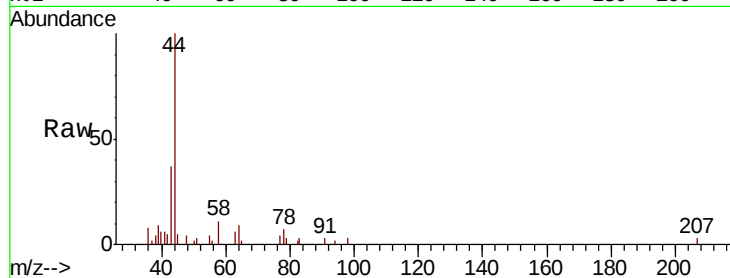
H0G37

Tot Ion: 43 Resp: 2441

Ion Ratio Lower Upper

43 100

58 31.6 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU035440.D (-322) (-)

Ion 58.05 (57.75 to 58.75): VU035440.D (-322) (-)

2000

1500

1000

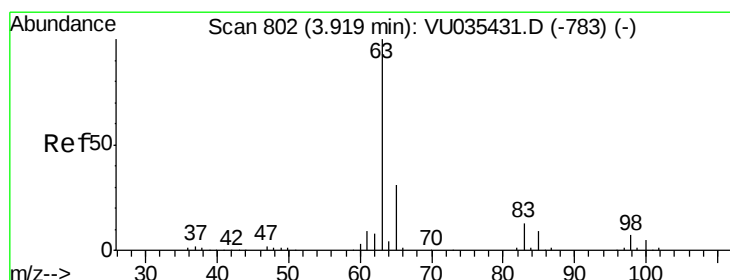
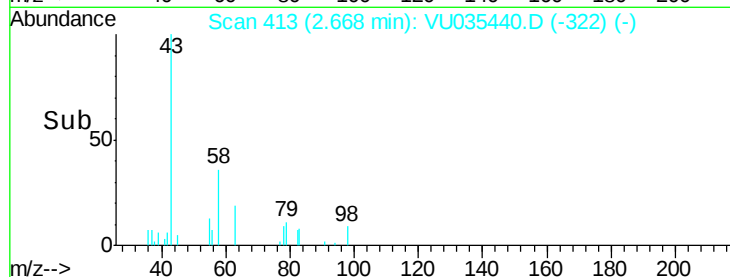
500

200

0

2.65 2.70

Time-->



#19

1,1-Dichloroethane

Concen: 1.047 ug/L

RT: 3.92 min Scan# 803

Delta R.T. 0.00 min

Lab File: VU035440.D

Acq: 24 Oct 2019 06:22

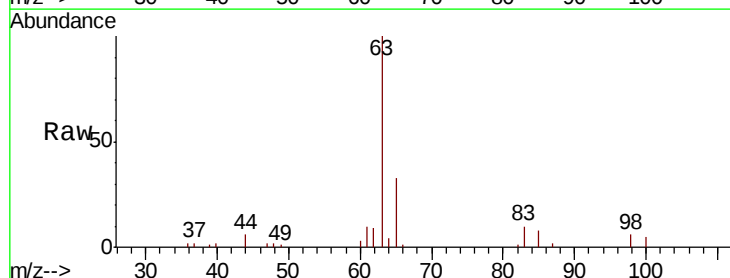
Tgt Ion: 63 Resp: 26755

Ion Ratio Lower Upper

63 100

65 32.8 22.4 41.6

83 10.2 9.3 17.3



Abundance Ion 63.10 (62.80 to 63.80): VU035440.D (-709) (-)

Ion 65.10 (64.80 to 65.80): VU035440.D (-709) (-)

Ion 83.05 (82.75 to 83.75): VU035440.D (-709) (-)

15000

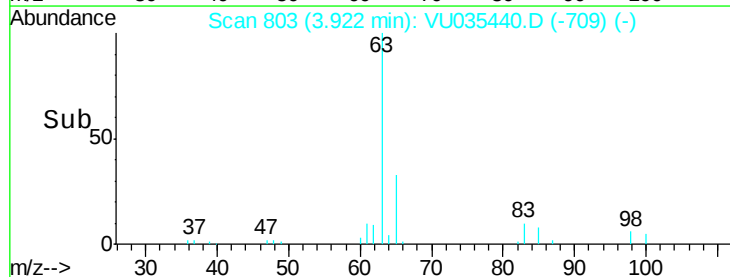
10000

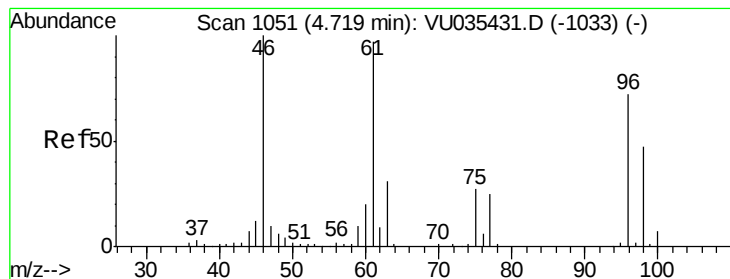
5000

0

3.85 3.90 3.95 4.00

Time-->





#22

cis-1,2-Dichloroethene

Concen: 1.276 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VU035440.D

Acq: 24 Oct 2019 06:22

Instrument :

MSVOA_U

ClientSampleId :

H0G37

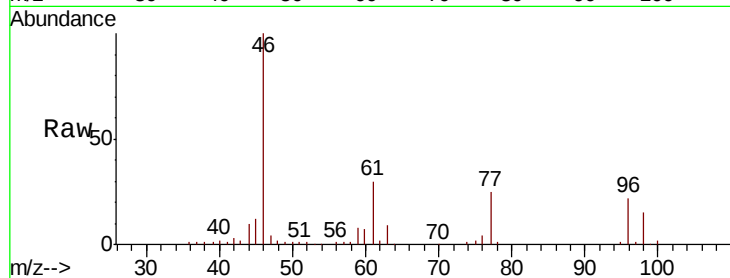
Tot Ion: 96 Resp: 19935

Ion Ratio Lower Upper

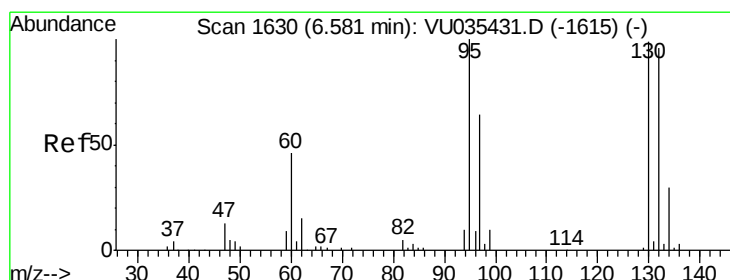
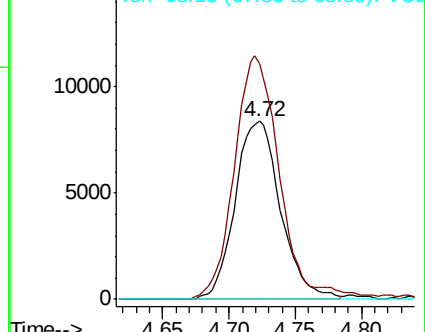
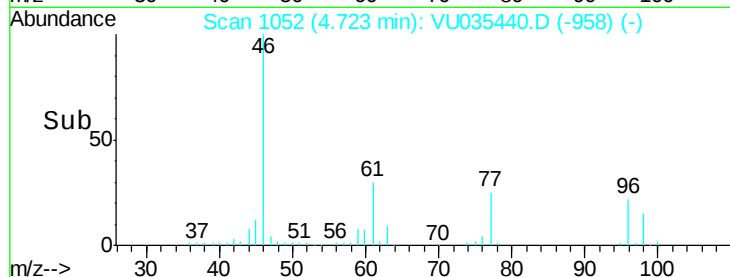
96 100

61 132.6 89.7 166.5

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035440.D (-1537) (-)



#34

Trichloroethene

Concen: 1.381 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035440.D

Acq: 24 Oct 2019 06:22

Tgt Ion: 95 Resp: 22986

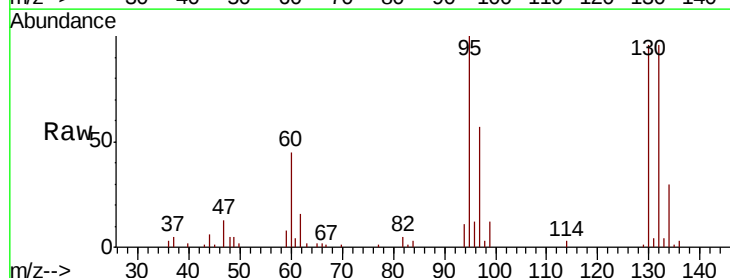
Ion Ratio Lower Upper

95 100

97 57.0 46.6 86.6

132 96.0 68.7 127.7

130 95.7 73.9 137.3



Abundance Ion 95.00 (94.70 to 95.70): VU035440.D (-1537) (-)

