

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102419\
 Data File : VU035458.D
 Acq On : 24 Oct 2019 14:31
 Operator : JC/SP
 Sample : K5488-23
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G37

Quant Time: Oct 25 07:33:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 25 07:04:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	200049	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	211259	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	60365	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	45495	3.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.60%
7) Chloroethane-d5	1.93	69	50552	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.60	63	65406	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.70	46	206504	58.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.82%
24) Chloroform-d	5.11	84	106023	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.75	65	64795	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.77	84	191933	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
36) 1,2-Dichloropropane-d6	6.73	67	72458	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.93	98	147400	3.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.80%#
43) trans-1,3-Dichloropropene-	8.22	79	25696	3.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.00%
46) 2-Hexanone-d5	8.70	63	131914	40.18	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.36%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	70353	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	48271	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%

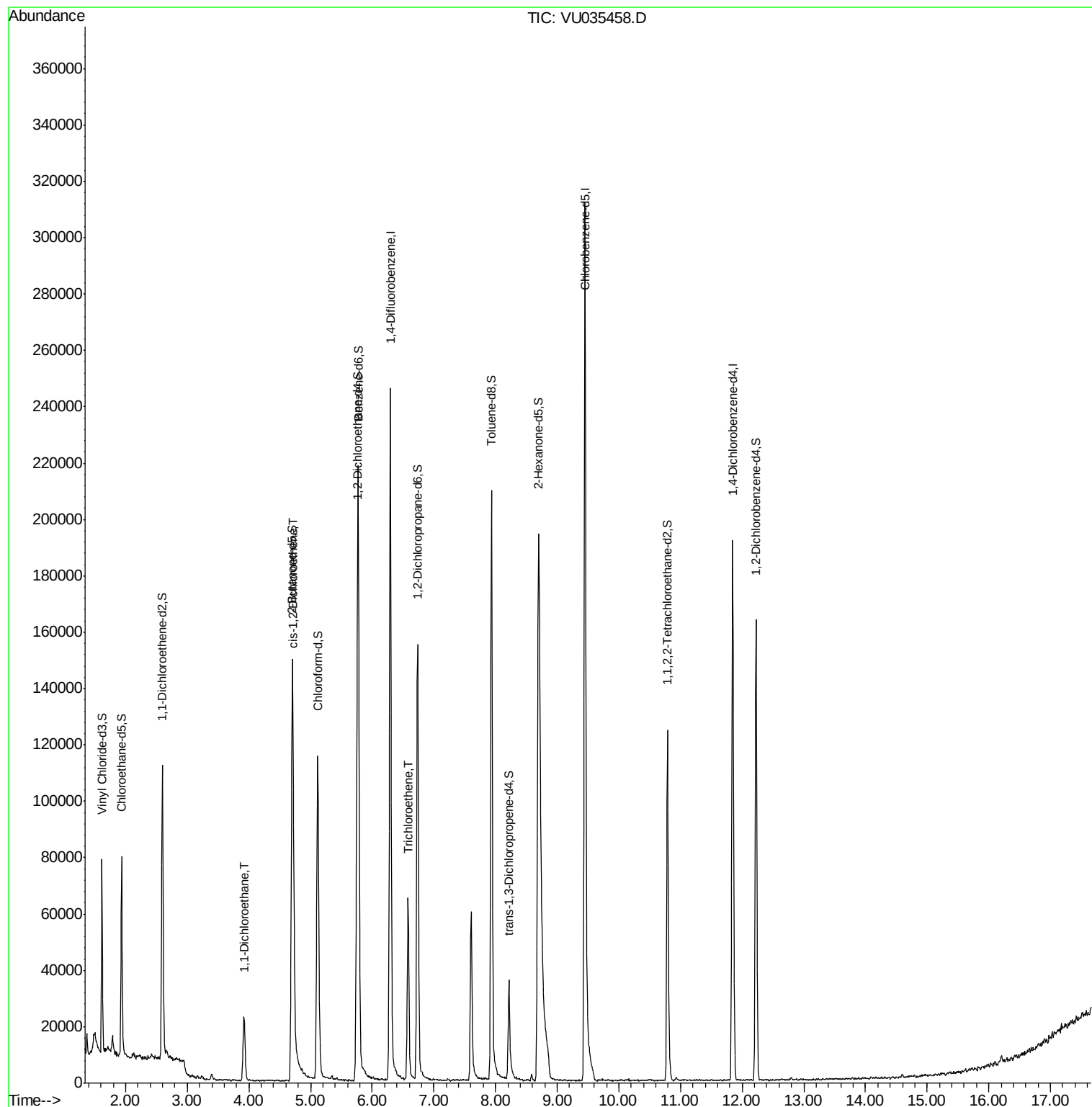
Target Compounds					Ovalue
19) 1,1-Dichloroethane	3.92	63	26981	1.076 ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	19267	1.257 ug/L	91
34) Trichloroethene	6.58	95	21862	1.308 ug/L	96

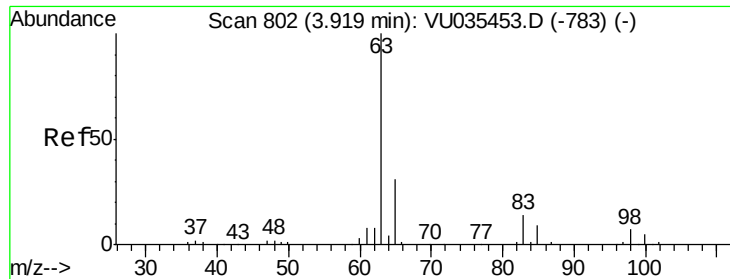
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 1.076 ug/L

RT: 3.92 min Scan# 802

Delta R.T. 0.00 min

Lab File: VU035458.D

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Instrument :

MSVOA_U

ClientSampleId :

H0G37

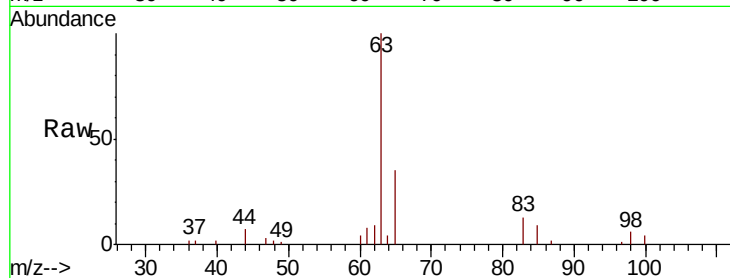
Tot Ion: 63 Resp: 26981

Ion Ratio Lower Upper

63 100

65 35.4 22.4 41.6

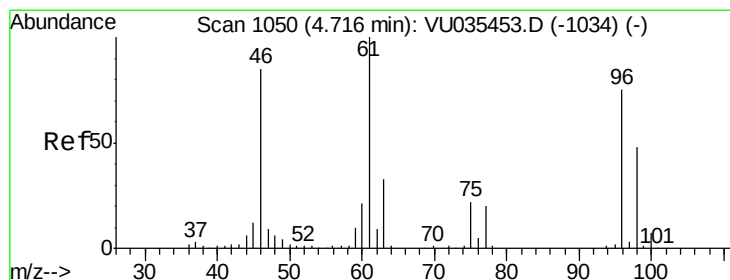
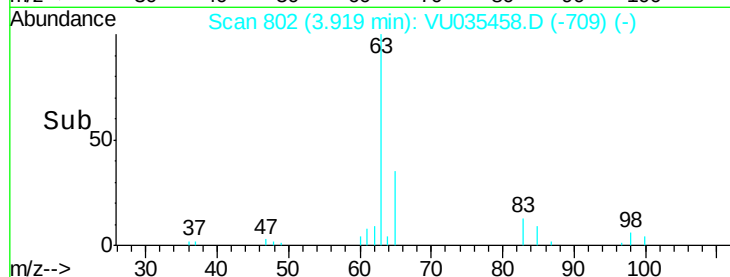
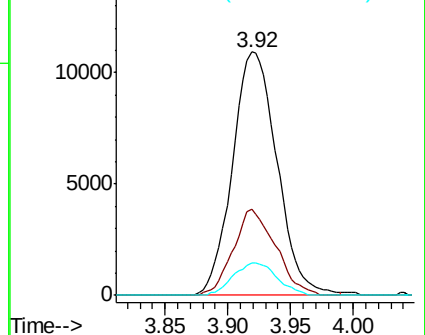
83 13.4 9.3 17.3



Abundance Ion 63.10 (62.80 to 63.80): VU035458.D (-709) (-)

Ion 65.10 (64.80 to 65.80): VU035458.D (-709) (-)

Ion 83.05 (82.75 to 83.75): VU035458.D (-709) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.257 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VU035458.D

Acq: 24 Oct 2019 14:31

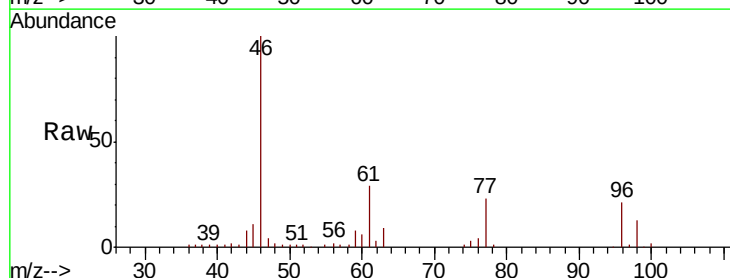
Tgt Ion: 96 Resp: 19267

Ion Ratio Lower Upper

96 100

61 137.9 89.7 166.5

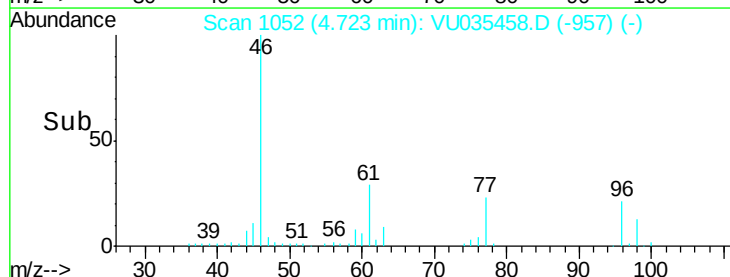
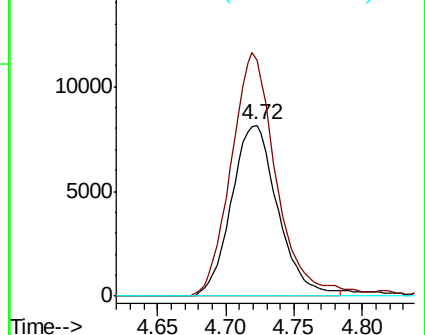
68 0.0 0.0 0.0

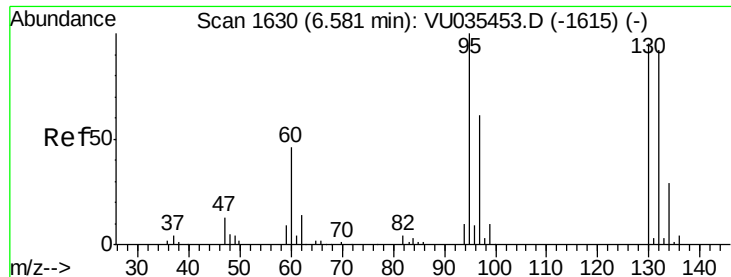


Abundance Ion 96.00 (95.70 to 96.70): VU035458.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU035458.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU035458.D (-957) (-)





#34

Trichloroethene

Concen: 1.308 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

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Tot Ion: 95 Resp: 21862

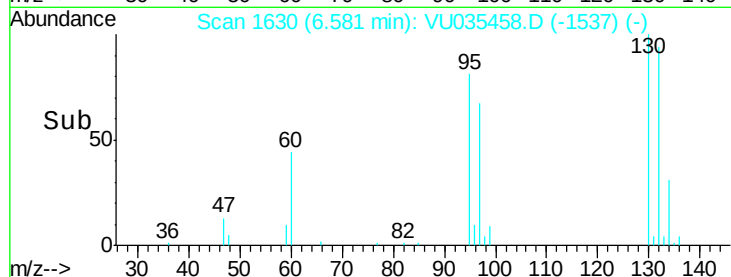
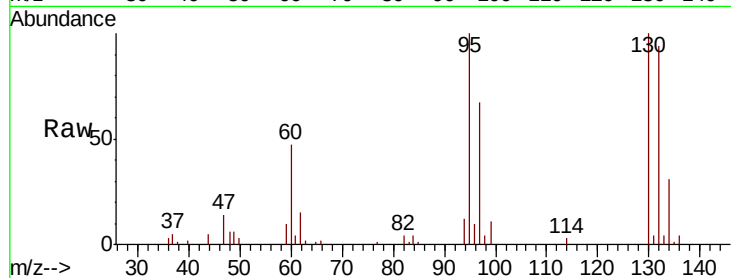
Ion Ratio Lower Upper

95 100

97 67.0 46.6 86.6

132 93.9 68.7 127.7

130 100.2 73.9 137.3



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

