

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101119\
 Data File : VU035070.D
 Acq On : 11 Oct 2019 00:40
 Operator : JC/SP
 Sample : K5310-21 200X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OU2-MW-3-001-01

Quant Time: Oct 11 06:17:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 11 04:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	162816	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	170785	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	62355	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	35628	3.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	1.68	69	37526	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.26	63	55443	2.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.60%#
20) 2-Butanone-d5	4.17	46	152362	53.76	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.52%
24) Chloroform-d	4.63	84	82917	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.29	65	52121	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.32	84	167927	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	6.31	67	62848	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.55	98	144153	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.40%
43) trans-1,3-Dichloropropene-	7.84	79	18660	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.30	63	108875	47.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.02%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56893	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	54859	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

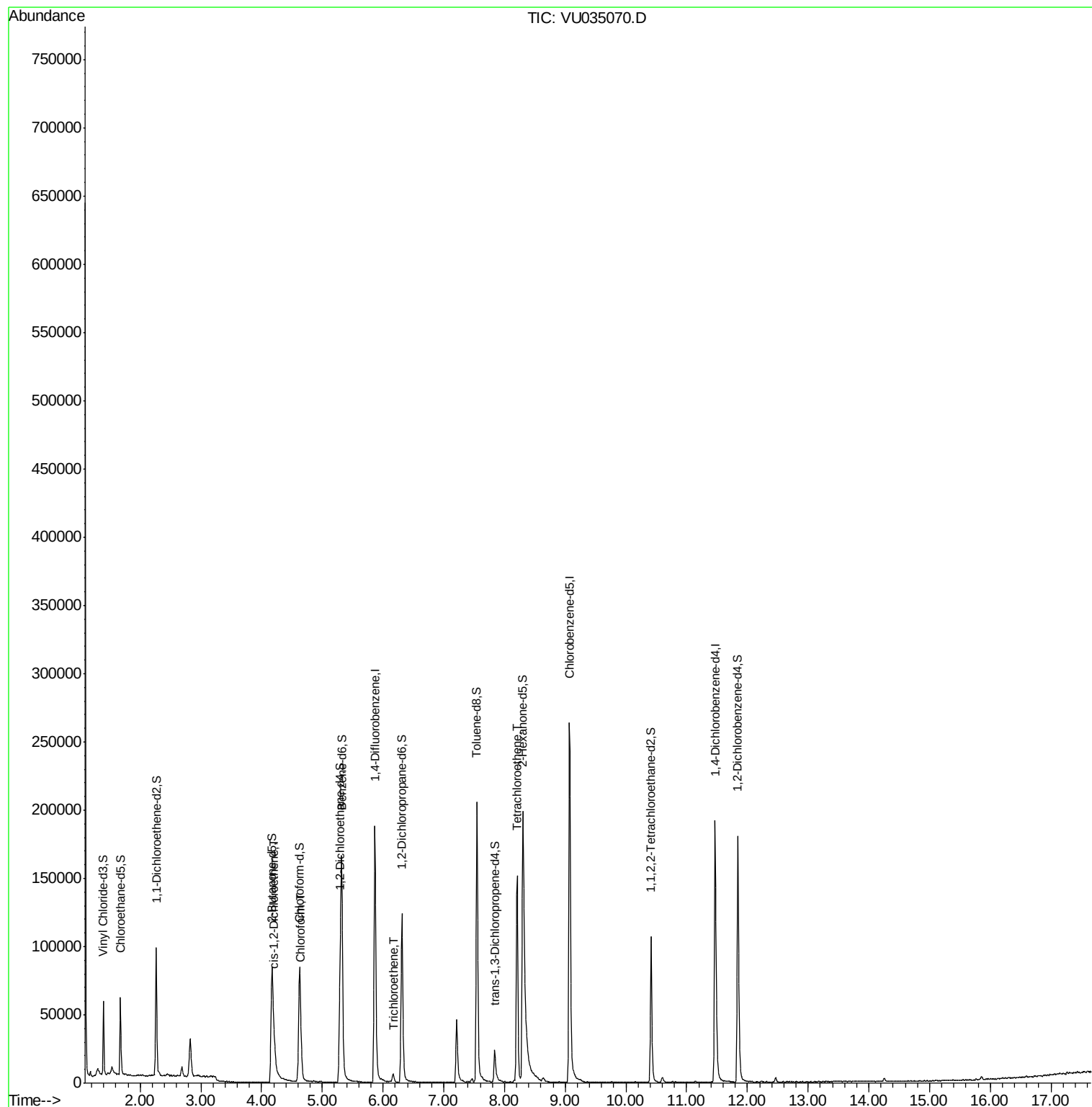
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	4.21	96	4153	0.332 ug/L	98
25) Chloroform	4.65	83	13046	0.522 ug/L	96
34) Trichloroethene	6.17	95	1849	0.139 ug/L	90
47) Tetrachloroethene	8.21	164	34823	3.243 ug/L	92

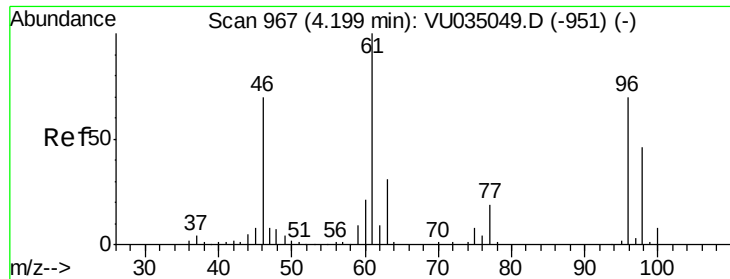
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.332 ug/L

RT: 4.21 min Scan# 969

Delta R.T. 0.01 min

Lab File: VU035070.D

Acq: 11 Oct 2019 00:40

Instrument :

MSVOA_U

ClientSampleId :

OU2-MW-3-001-01

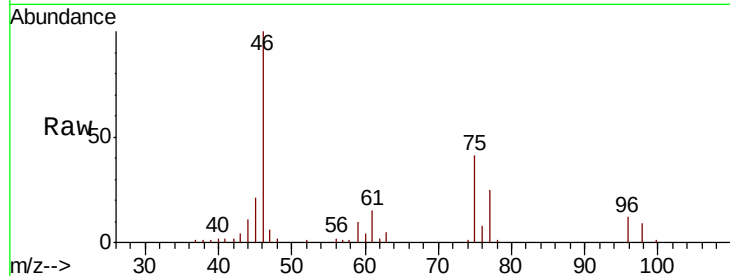
Tot Ion: 96 Resp: 4153

Ion Ratio Lower Upper

96 100

61 124.8 89.2 165.6

68 0.0 0.0 0.0



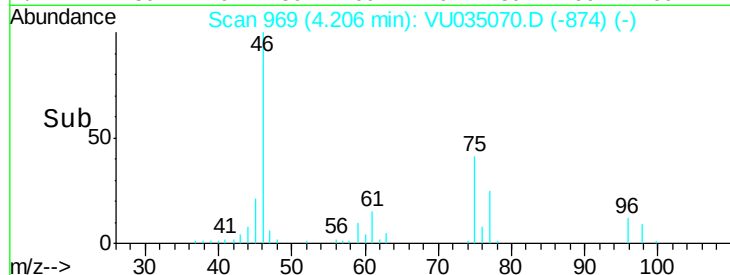
Abundance Ion 96.00 (95.70 to 96.70): VU035070.D (-874) (-)

Ion 61.05 (60.75 to 61.75): VU035070.D (-874) (-)

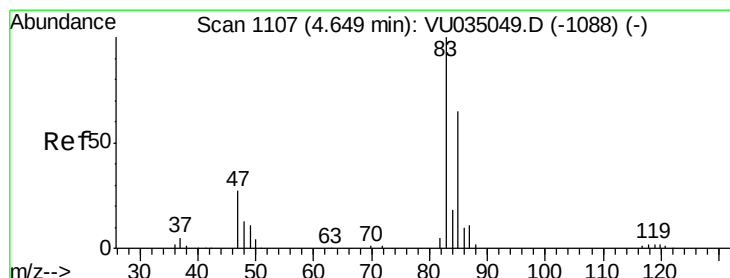
Ion 68.15 (67.85 to 68.85): VU035070.D (-874) (-)

4.21

Time-->



Time-->



#25

Chloroform

Concen: 0.522 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU035070.D

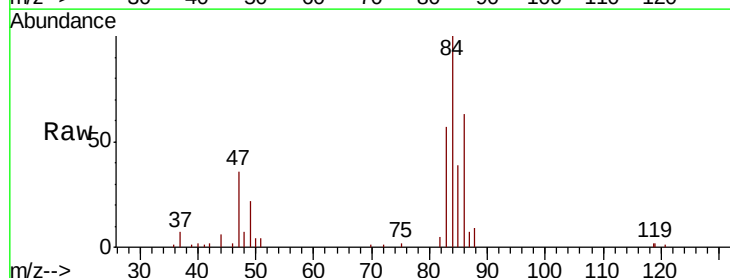
Acq: 11 Oct 2019 00:40

Tgt Ion: 83 Resp: 13046

Ion Ratio Lower Upper

83 100

85 68.0 45.4 84.4

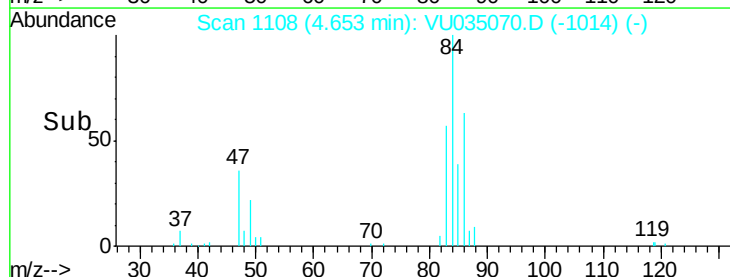


Abundance Ion 83.05 (82.75 to 83.75): VU035070.D (-1014) (-)

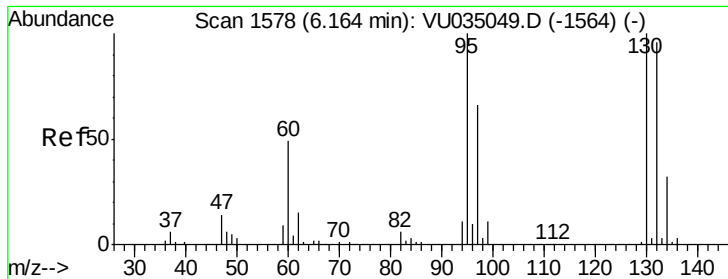
Ion 85.00 (84.70 to 85.70): VU035070.D (-1014) (-)

4.65

Time-->



Time-->



#34

Trichloroethene

Concen: 0.139 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.01 min

Lab File: VU035070.D

Acq: 11 Oct 2019 00:40

Instrument :

MSVOA_U

ClientSampleId :

OU2-MW-3-001-01

Tot Ion: 95 Resp: 1849

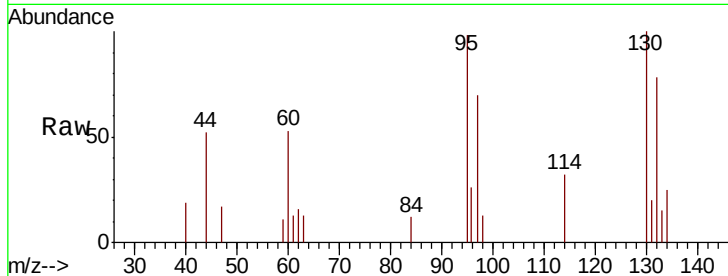
Ion Ratio Lower Upper

95 100

97 71.4 44.5 82.7

132 80.0 66.6 123.8

130 102.0 68.9 127.9



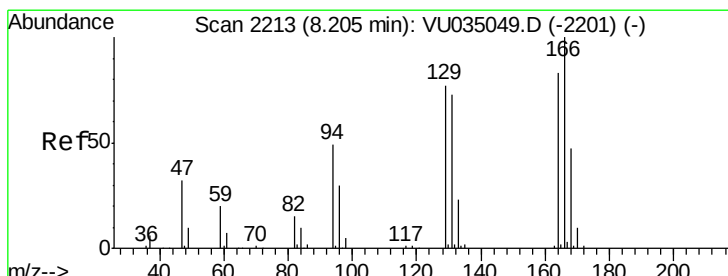
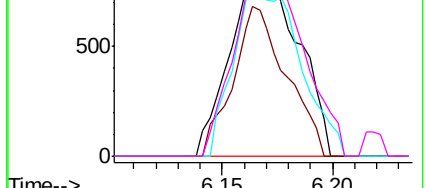
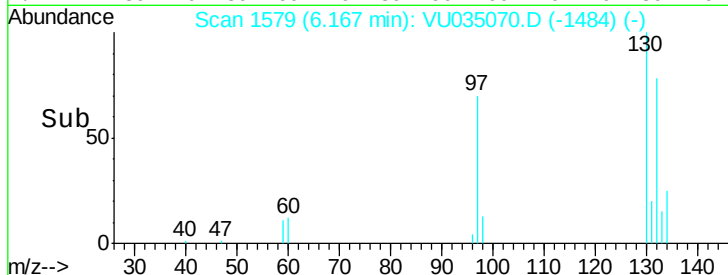
Abundance Ion 95.00 (94.70 to 95.70): VU035070.D (-1484) (-)

Ion 96.95 (96.65 to 97.65): VU035070.D (-1484) (-)

Ion 131.95 (131.65 to 132.65): VU035070.D (-1484) (-)

Ion 129.95 (129.65 to 130.65): VU035070.D (-1484) (-)

Time-->



#47

Tetrachloroethene

Concen: 3.243 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU035070.D

Acq: 11 Oct 2019 00:40

Tgt Ion: 164 Resp: 34823

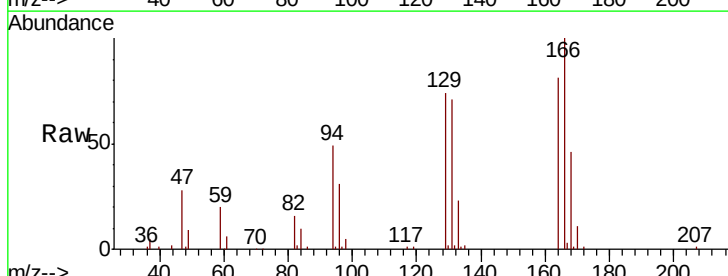
Ion Ratio Lower Upper

164 100

129 91.5 68.5 127.1

131 87.3 67.3 124.9

166 123.3 93.1 172.9



Abundance Ion 163.90 (163.60 to 164.60): VU035070.D (-2120) (-)

Ion 128.95 (128.65 to 129.65): VU035070.D (-2120) (-)

Ion 130.95 (130.65 to 131.65): VU035070.D (-2120) (-)

Ion 165.90 (165.60 to 166.60): VU035070.D (-2120) (-)

Time-->

