

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101119\
 Data File : VU035067.D
 Acq On : 10 Oct 2019 23:03
 Operator : JC/SP
 Sample : K5310-02 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 IW-1S-001-01

Quant Time: Oct 11 05:55:17 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	5.86	114	159180	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	158677	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	60040	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36270	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.68	69	38089	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.26	63	57777	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	4.17	46	156813	56.59	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.18%
24) Chloroform-d	4.63	84	87453	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.29	65	53286	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.32	84	171694	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.31	67	63500	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.55	98	143760	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	7.84	79	18144	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.30	63	111041	52.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.32%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	58208	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	55461	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

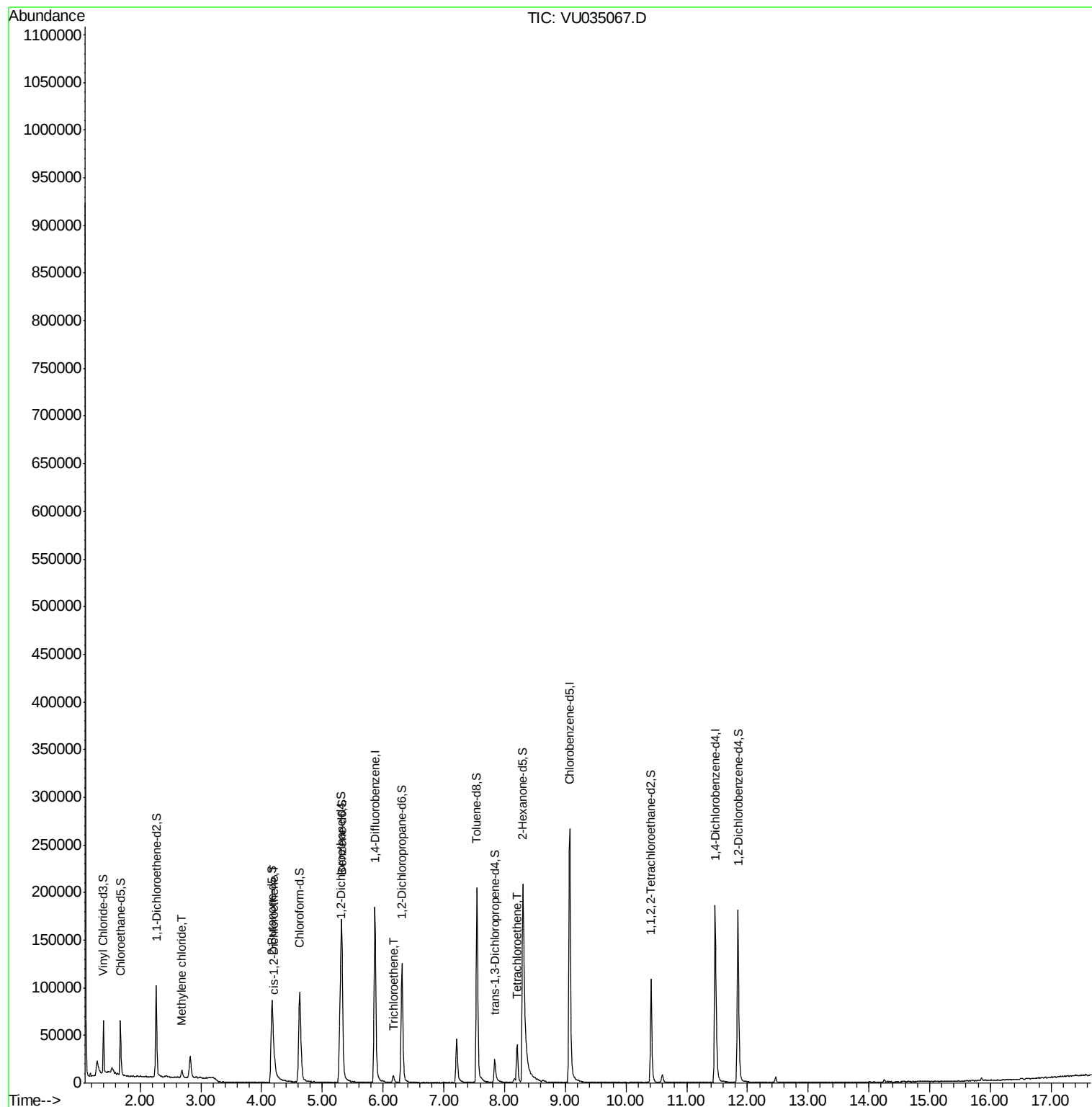
					Ovalue
16) Methylene chloride	2.68	84	2680	0.212 ug/L	83
22) cis-1,2-Dichloroethene	4.21	96	1857	0.152 ug/L	99
34) Trichloroethene	6.17	95	2500	0.203 ug/L	91
47) Tetrachloroethene	8.21	164	8895	0.891 ug/L	95

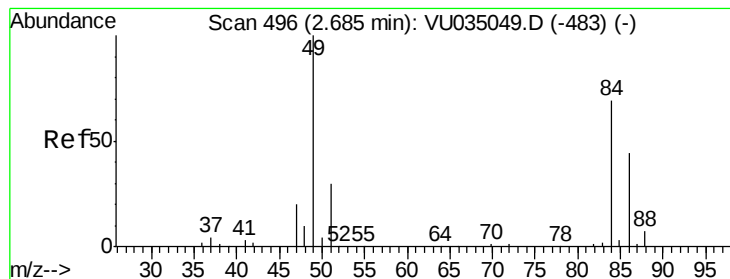
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 0.212 ug/L

RT: 2.68 min Scan# 496

Delta R.T. -0.00 min

Lab File: VU035067.D

Acq: 10 Oct 2019 23:03

Instrument :

MSVOA_U

ClientSampleId :

IW-1S-001-01

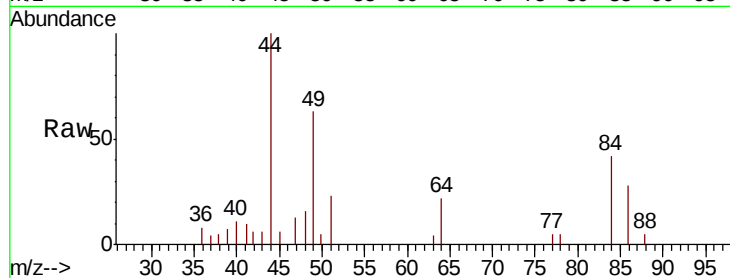
Tot Ion: 84 Resp: 2680

Ion Ratio Lower Upper

84 100

86 67.6 42.5 78.9

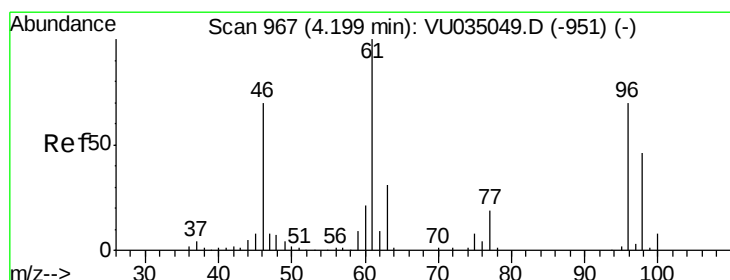
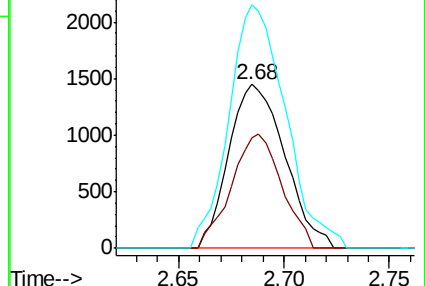
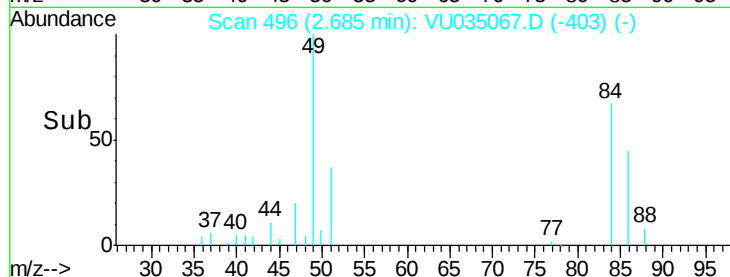
49 148.5 86.9 161.3



Abundance Ion 84.05 (83.75 to 84.75): VU035067.D (-403) (-)

Ion 86.00 (85.70 to 86.70): VU035067.D (-403) (-)

Ion 49.10 (48.80 to 49.80): VU035067.D (-403) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.152 ug/L

RT: 4.21 min Scan# 969

Delta R.T. 0.01 min

Lab File: VU035067.D

Acq: 10 Oct 2019 23:03

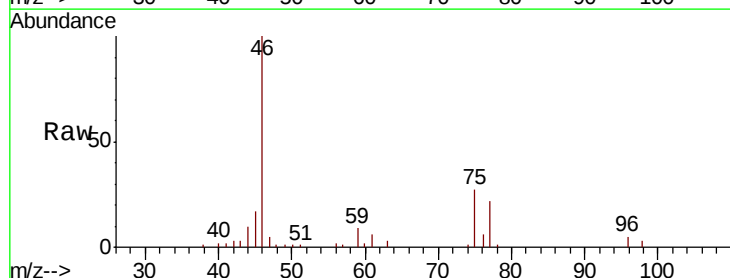
Tgt Ion: 96 Resp: 1857

Ion Ratio Lower Upper

96 100

61 128.6 89.2 165.6

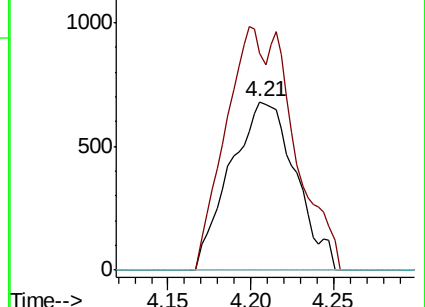
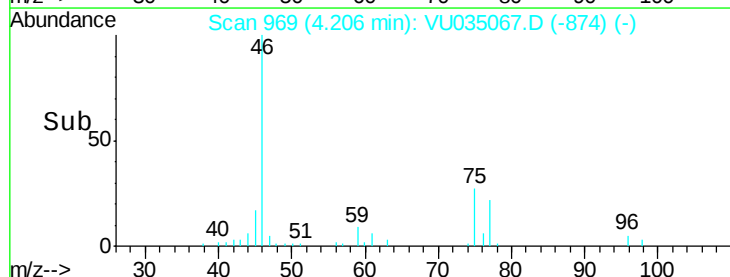
68 0.0 0.0 0.0

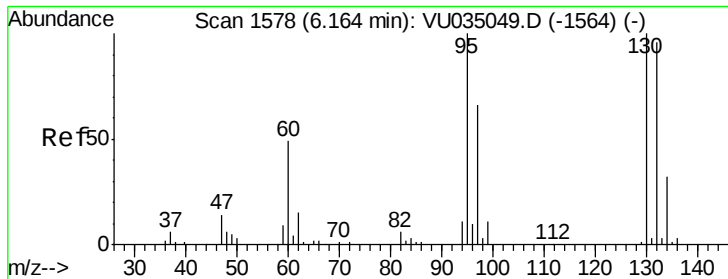


Abundance Ion 96.00 (95.70 to 96.70): VU035067.D (-874) (-)

Ion 61.05 (60.75 to 61.75): VU035067.D (-874) (-)

Ion 68.15 (67.85 to 68.85): VU035067.D (-874) (-)





#34

Trichloroethene

Concen: 0.203 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.01 min

Lab File: VU035067.D

Acq: 10 Oct 2019 23:03

Instrument :

MSVOA_U

ClientSampleId :

IW-1S-001-01

Tot Ion: 95 Resp: 2500

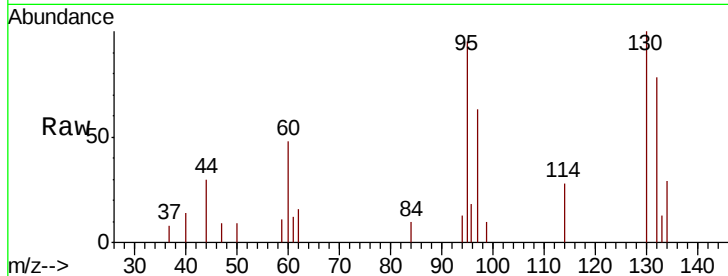
Ion Ratio Lower Upper

95 100

97 66.0 44.5 82.7

132 81.5 66.6 123.8

130 105.1 68.9 127.9

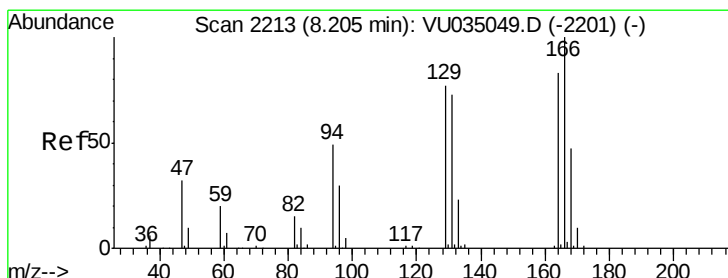
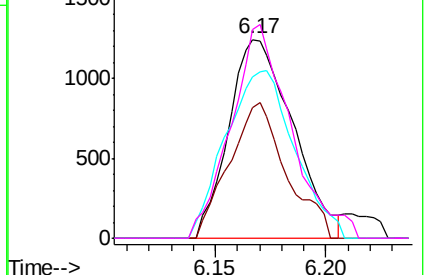
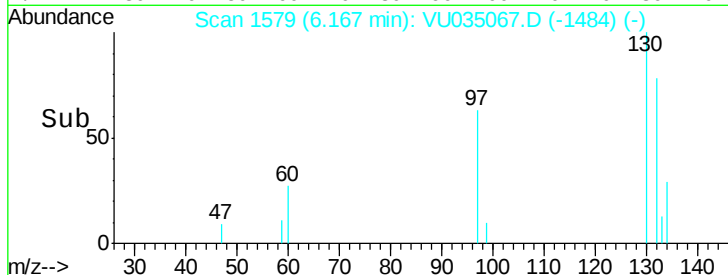


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#47

Tetrachloroethene

Concen: 0.891 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU035067.D

Acq: 10 Oct 2019 23:03

Tgt Ion: 164 Resp: 8895

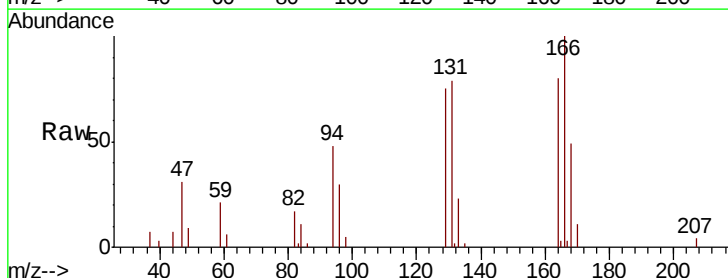
Ion Ratio Lower Upper

164 100

129 93.4 68.5 127.1

131 99.0 67.3 124.9

166 125.1 93.1 172.9



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

