

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100719\
 Data File : VU034969.D
 Acq On : 07 Oct 2019 19:01
 Operator : JC/SP
 Sample : K5219-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-7-001-01

Quant Time: Oct 09 05:11:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 09 03:56:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	183895	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	188001	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	73957	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	49096	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.68	69	47811	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.26	63	74846	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.17	46	149060	46.56	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.12%
24) Chloroform-d	4.63	84	91555	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.29	65	60348	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.32	84	210680	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.31	67	73886	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.54	98	189562	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.84	79	20896	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.30	63	114642	45.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.90%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	59706	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	70510	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

Target Compounds

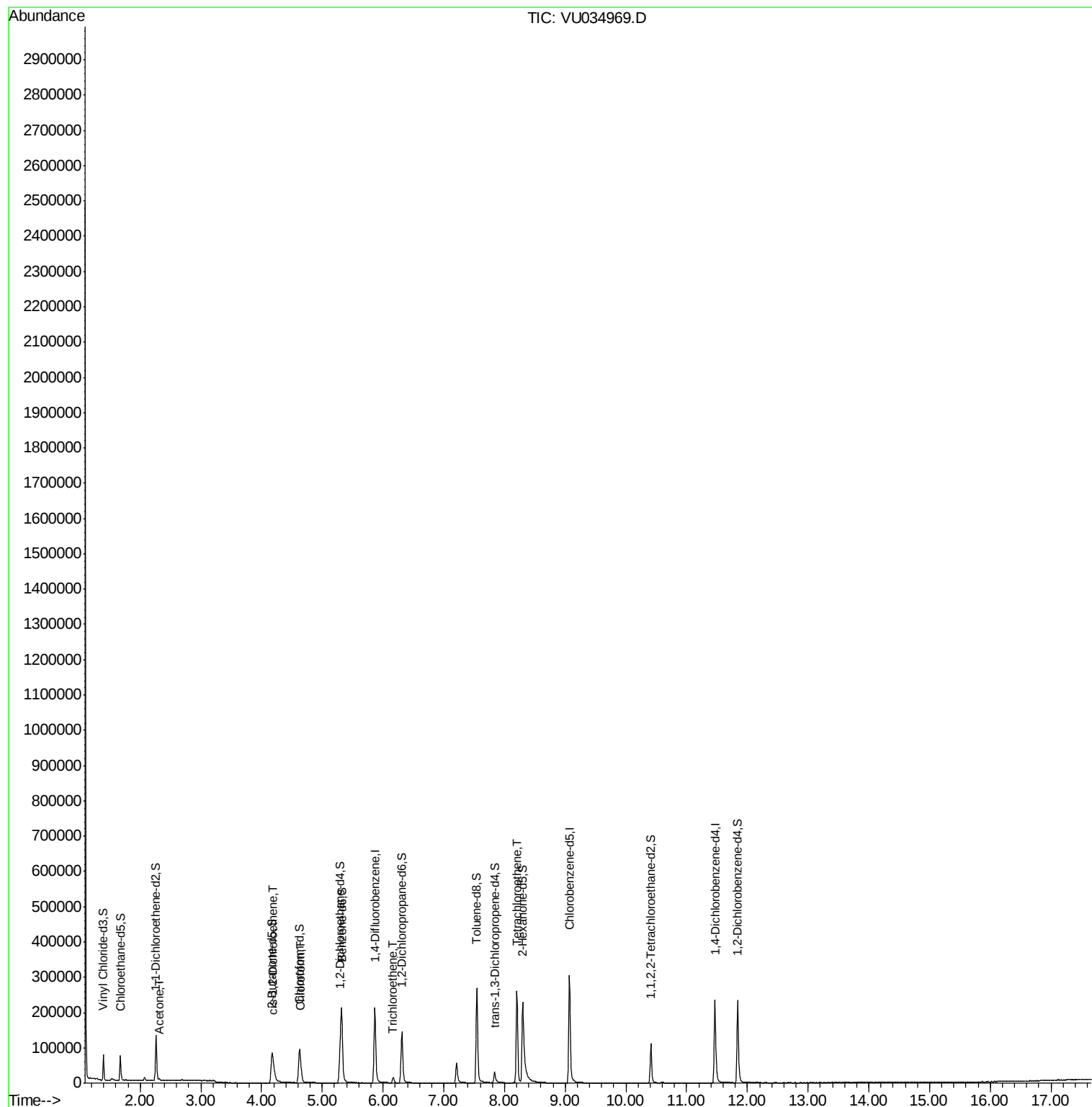
					Ovalue
13) Acetone	2.31	43	4262	1.626 ug/L	94
22) cis-1,2-Dichloroethene	4.20	96	11512	0.816 ug/L	94
25) Chloroform	4.65	83	20818	0.737 ug/L	96
34) Trichloroethene	6.17	95	5370	0.368 ug/L	99
47) Tetrachloroethene	8.21	164	58883	4.981 ug/L	99

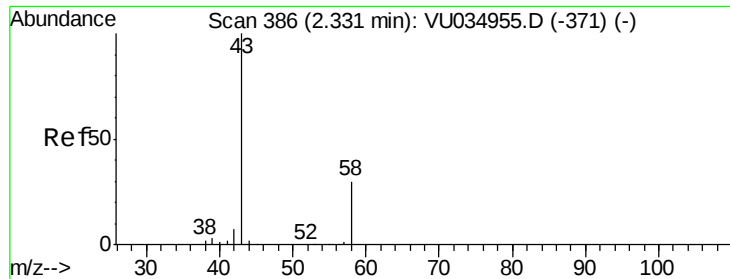
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.626 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.02 min

Lab File: VU034969.D

Acq: 07 Oct 2019 19:01

Instrument :

MSVOA_U

ClientSampleId :

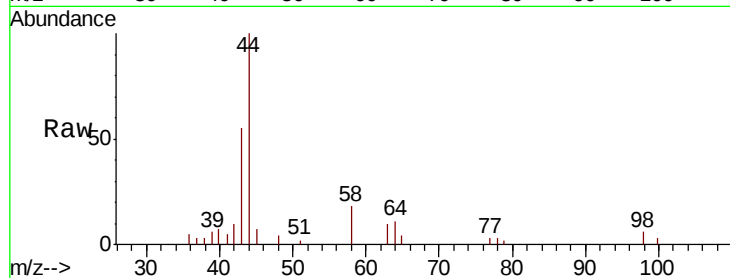
MW-7-001-01

Tot Ion: 43 Resp: 4262

Ion Ratio Lower Upper

43 100

58 33.7 0.0 60.8



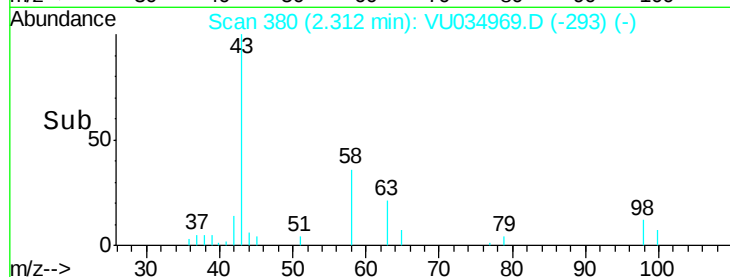
Abundance Ion 43.05 (42.75 to 43.75): VU034969.D (-293) (-)

Ion 58.05 (57.75 to 58.75): VU034969.D (-293) (-)

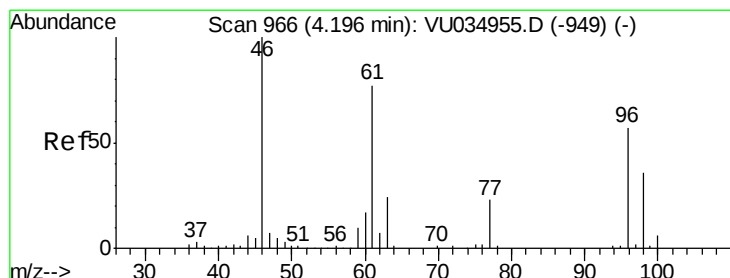
2.31

2.35

Time-->



Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.816 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU034969.D

Acq: 07 Oct 2019 19:01

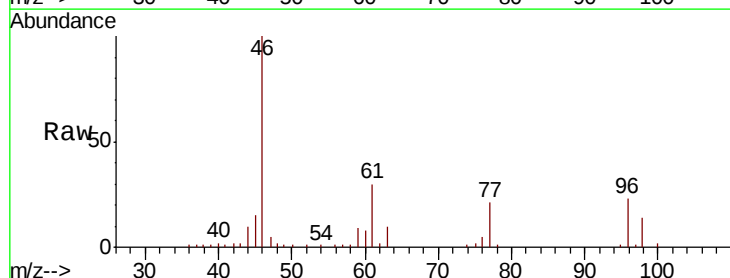
Tgt Ion: 96 Resp: 11512

Ion Ratio Lower Upper

96 100

61 130.3 96.4 179.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU034969.D (-873) (-)

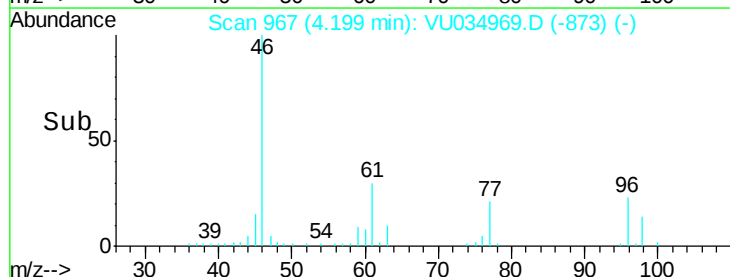
Ion 61.05 (60.75 to 61.75): VU034969.D (-873) (-)

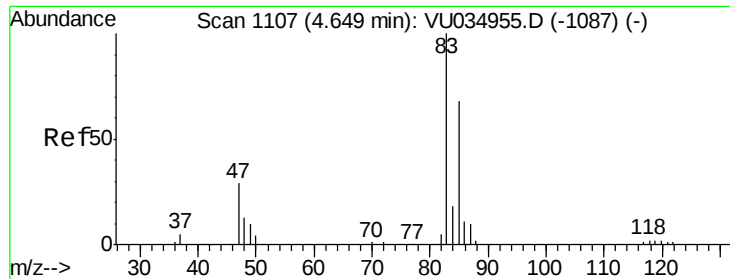
Ion 68.15 (67.85 to 68.85): VU034969.D (-873) (-)

4.20

4.30

Time-->

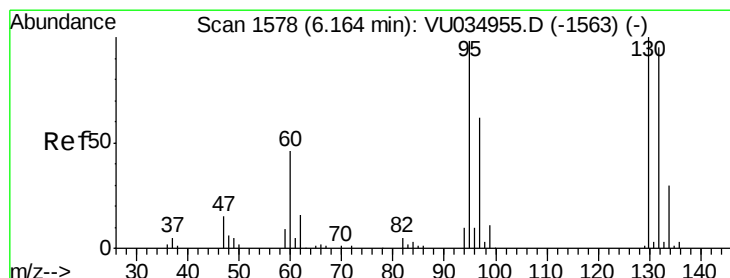
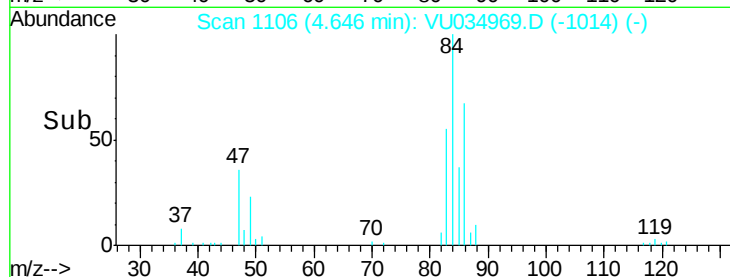
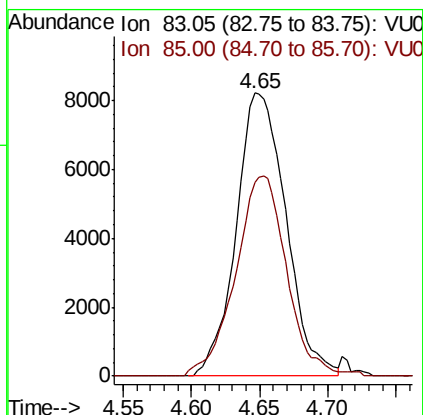
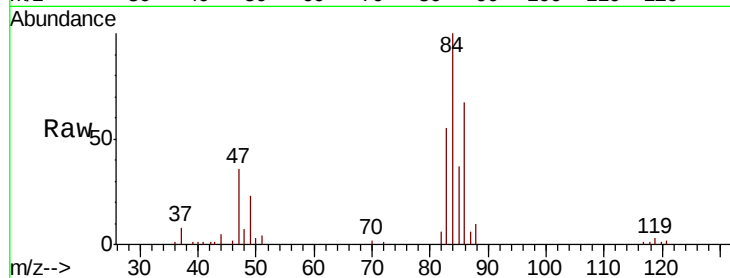




#25
Chloroform
Concen: 0.737 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU034969.D
Acq: 07 Oct 2019 19:01

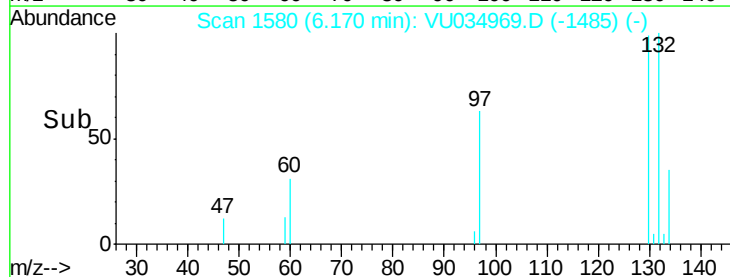
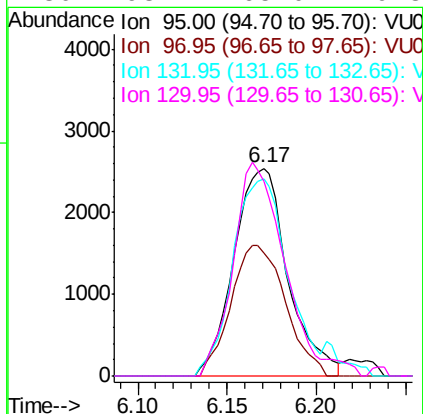
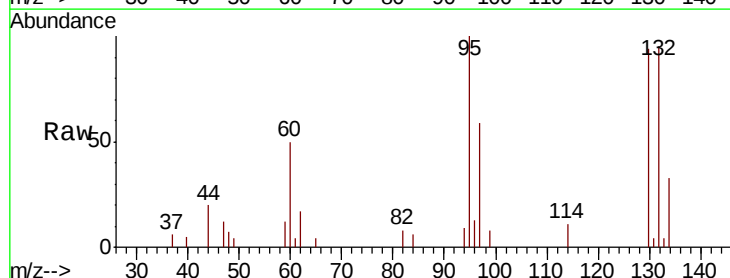
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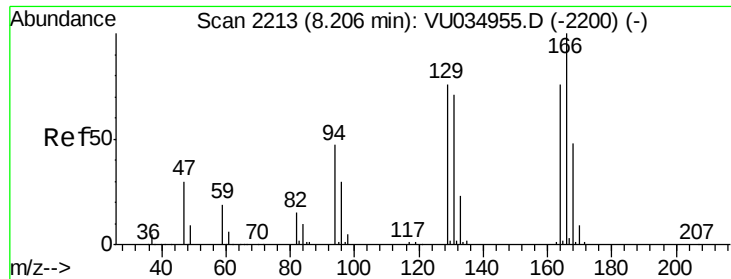
Tot Ion: 83 Resp: 20818
Ion Ratio Lower Upper
83 100
85 68.3 45.4 84.4



#34
Trichloroethene
Concen: 0.368 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VU034969.D
Acq: 07 Oct 2019 19:01

Tgt Ion: 95 Resp: 5370
Ion Ratio Lower Upper
95 100
97 59.3 42.5 78.9
132 94.7 65.8 122.2
130 93.7 65.0 120.8

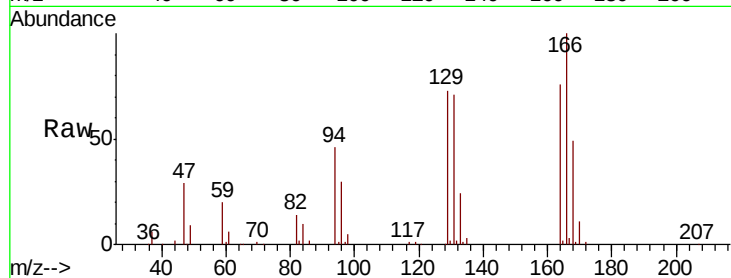




#47
Tetrachloroethene
Concen: 4.981 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VU034969.D
Acq: 07 Oct 2019 19:01

Instrument :
MSVOA_U
ClientSampleId :
MW-7-001-01

Tot Ion	Ratio	Lower	Upper
164	100		
129	95.1	66.5	123.5
131	93.3	63.3	117.7
166	131.0	91.6	170.2



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

