

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100719\
 Data File : VU034970.D
 Acq On : 07 Oct 2019 19:26
 Operator : JC/SP
 Sample : K5219-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-8-001-01

Quant Time: Oct 09 05:14:42 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	5.87	114	186212	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	185807	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	80435	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	50275	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.67	69	48596	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.26	63	74213	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.18	46	176621	54.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.98%
24) Chloroform-d	4.62	84	80729	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
26) 1,2-Dichloroethane-d4	5.29	65	60638	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.32	84	212490	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.31	67	72973	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.54	98	189595	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.84	79	21934	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.30	63	136053	54.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.14%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	62837	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	71629	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

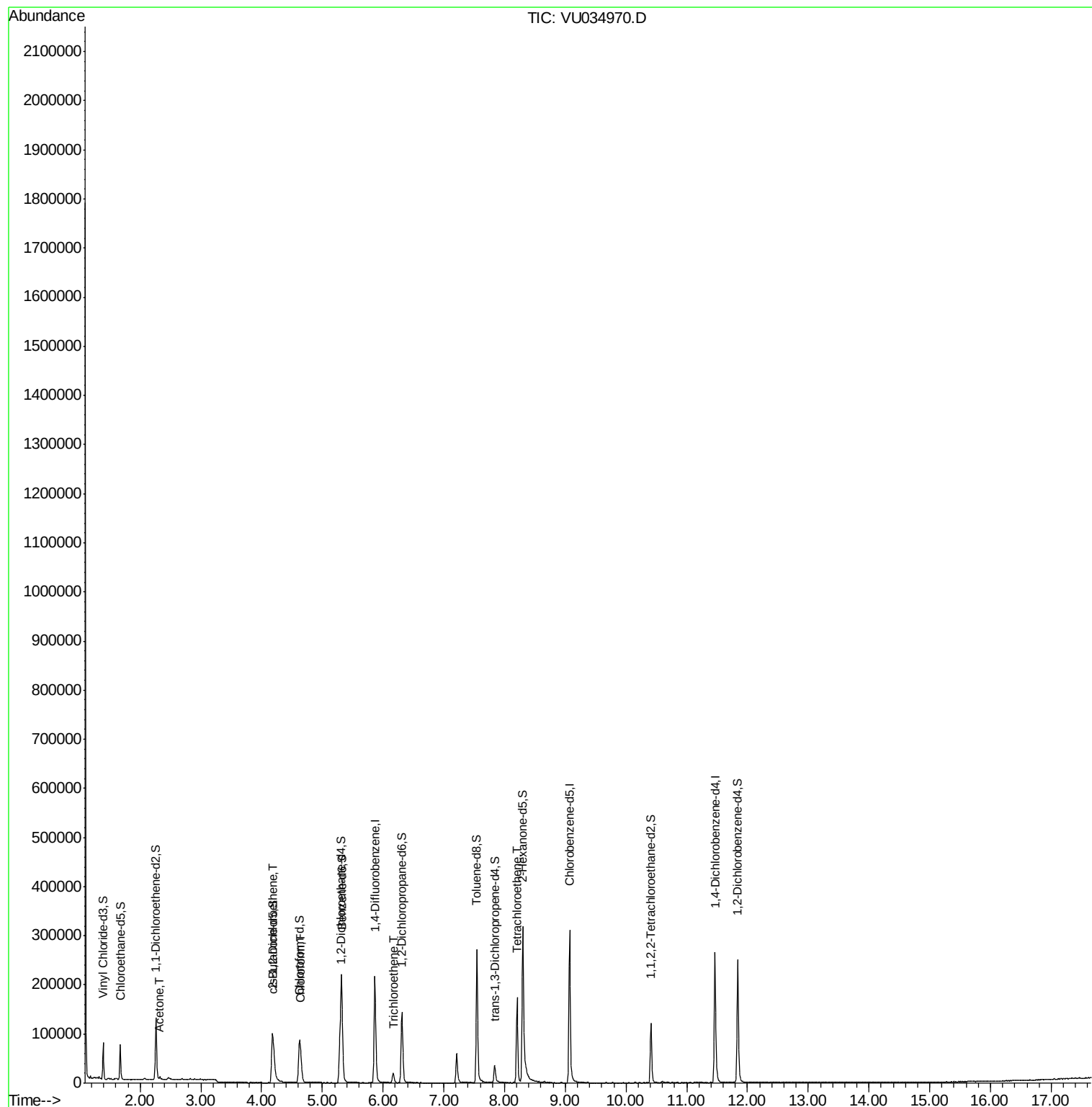
					Ovalue
13) Acetone	2.32	43	6512	2.453 ug/L	96
22) cis-1,2-Dichloroethene	4.20	96	9653	0.676 ug/L	99
25) Chloroform	4.65	83	28806	1.007 ug/L	95
34) Trichloroethene	6.17	95	7396	0.512 ug/L	95
47) Tetrachloroethene	8.21	164	39097	3.346 ug/L	96

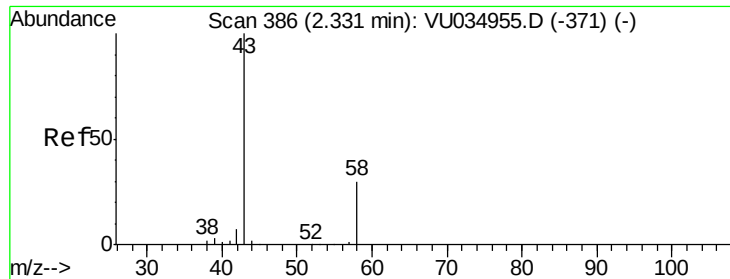
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.453 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.01 min

Lab File: VU034970.D

Acq: 07 Oct 2019 19:26

Instrument :

MSVOA_U

ClientSampleId :

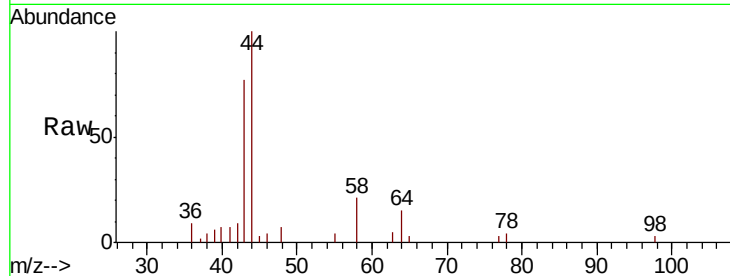
MW-8-001-01

Tot Ion: 43 Resp: 6512

Ion Ratio Lower Upper

43 100

58 28.3 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU034970.D (-293) (-)

Ion 58.05 (57.75 to 58.75): VU034970.D (-293) (-)

2.32

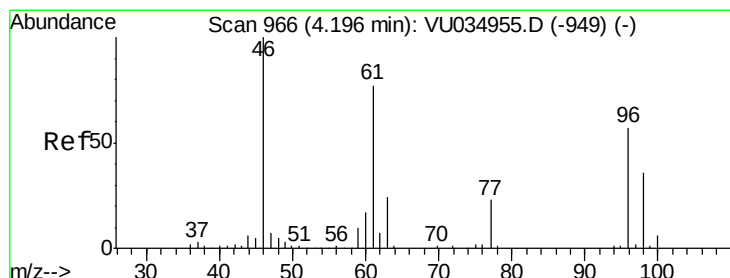
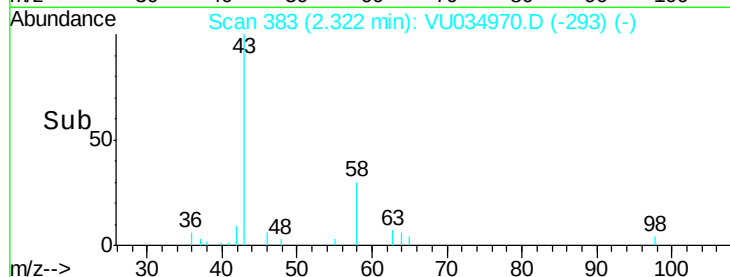
3000

2000

1000

0

Time--> 2.25 2.30 2.35 2.40



#22

cis-1,2-Dichloroethene

Concen: 0.676 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU034970.D

Acq: 07 Oct 2019 19:26

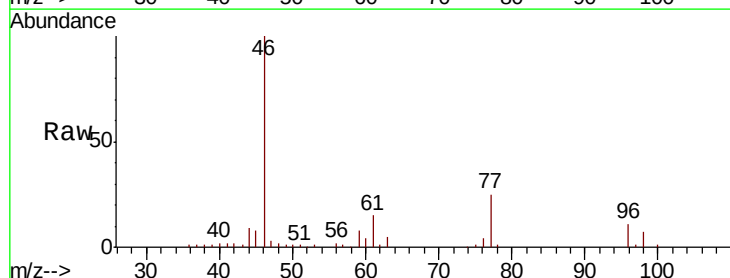
Tgt Ion: 96 Resp: 9653

Ion Ratio Lower Upper

96 100

61 139.1 96.4 179.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU034970.D (-873) (-)

Ion 61.05 (60.75 to 61.75): VU034970.D (-873) (-)

Ion 68.15 (67.85 to 68.85): VU034970.D (-873) (-)

4.20

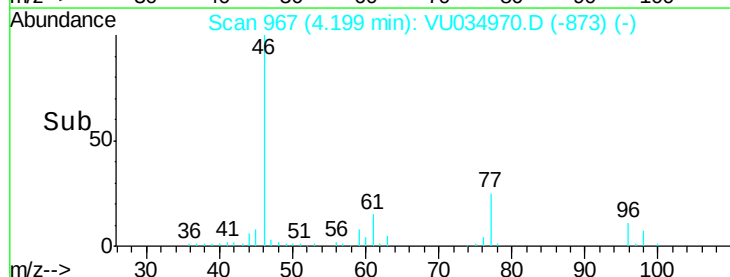
6000

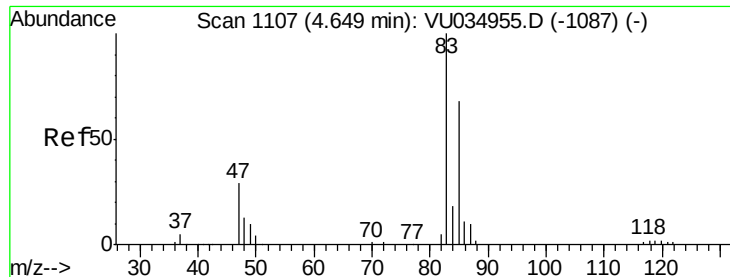
4000

2000

0

Time--> 4.10 4.15 4.20 4.25 4.30

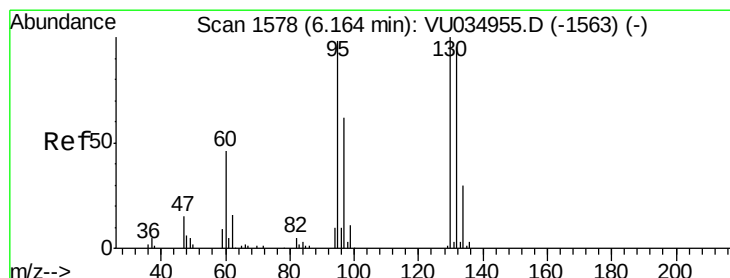
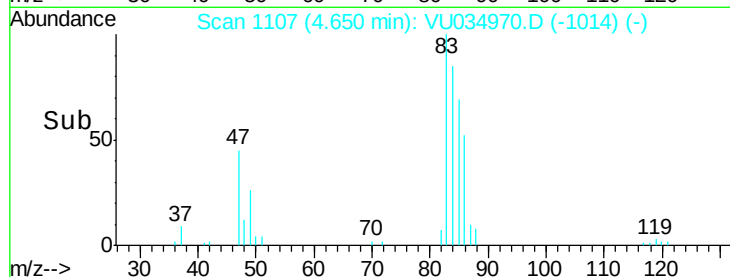
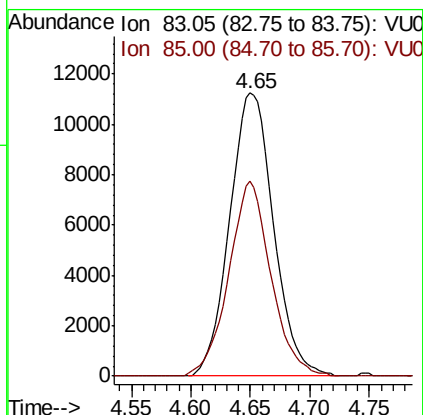
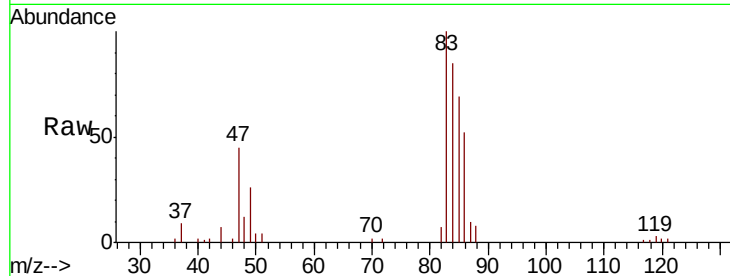




#25
Chloroform
Concen: 1.007 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU034970.D
Acq: 07 Oct 2019 19:26

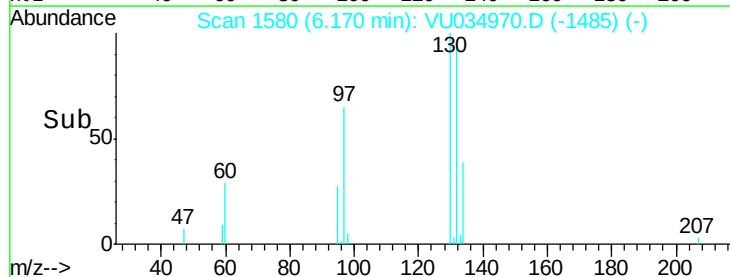
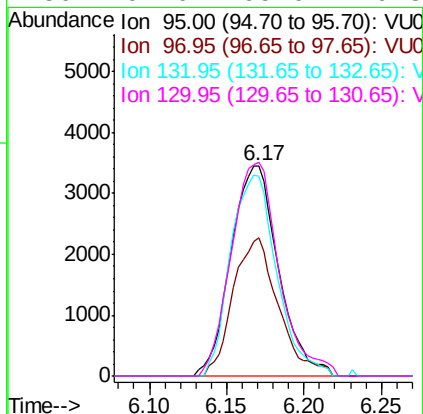
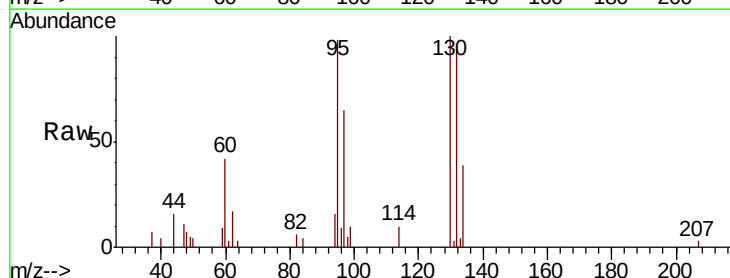
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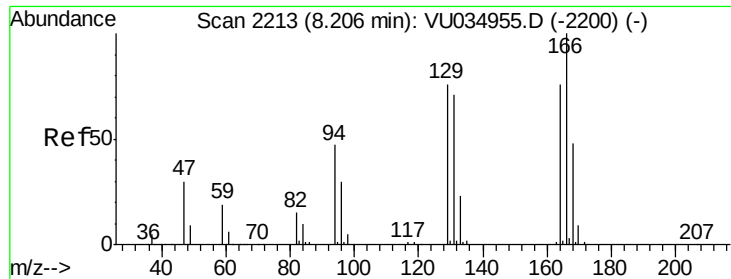
Tot Ion: 83 Resp: 28806
Ion Ratio Lower Upper
83 100
85 69.0 45.4 84.4



#34
Trichloroethene
Concen: 0.512 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VU034970.D
Acq: 07 Oct 2019 19:26

Tgt Ion: 95 Resp: 7396
Ion Ratio Lower Upper
95 100
97 65.6 42.5 78.9
132 95.3 65.8 122.2
130 101.6 65.0 120.8





#47

Tetrachloroethene

Concen: 3.346 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU034970.D

Acq: 07 Oct 2019 19:26

Instrument :
MSVOA_U
ClientSampleId :
MW-8-001-01

Tot Ion:164 Resp: 39097

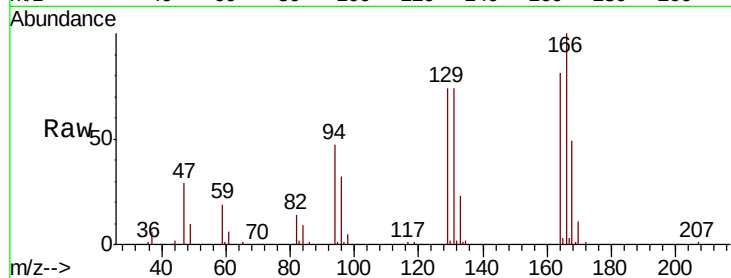
Ion Ratio Lower Upper

164 100

129 91.0 66.5 123.5

131 91.0 63.3 117.7

166 123.0 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

