

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120519\
 Data File : VU035996.D
 Acq On : 05 Dec 2019 15:57
 Operator : JC/SP
 Sample : K6105-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE31

Quant Time: Dec 06 01:40:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 06 00:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	261299	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	287119	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	66351	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	119774	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.93	69	105422	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.60	63	133845	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.69	46	195467	37.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.12%
24) Chloroform-d	5.11	84	170474	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.75	65	103245	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.77	84	366611	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.74	67	119018	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.93	98	298122	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloropropene-	8.22	79	45395	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.70	63	160697	36.74	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.48%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	98323	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	70250	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

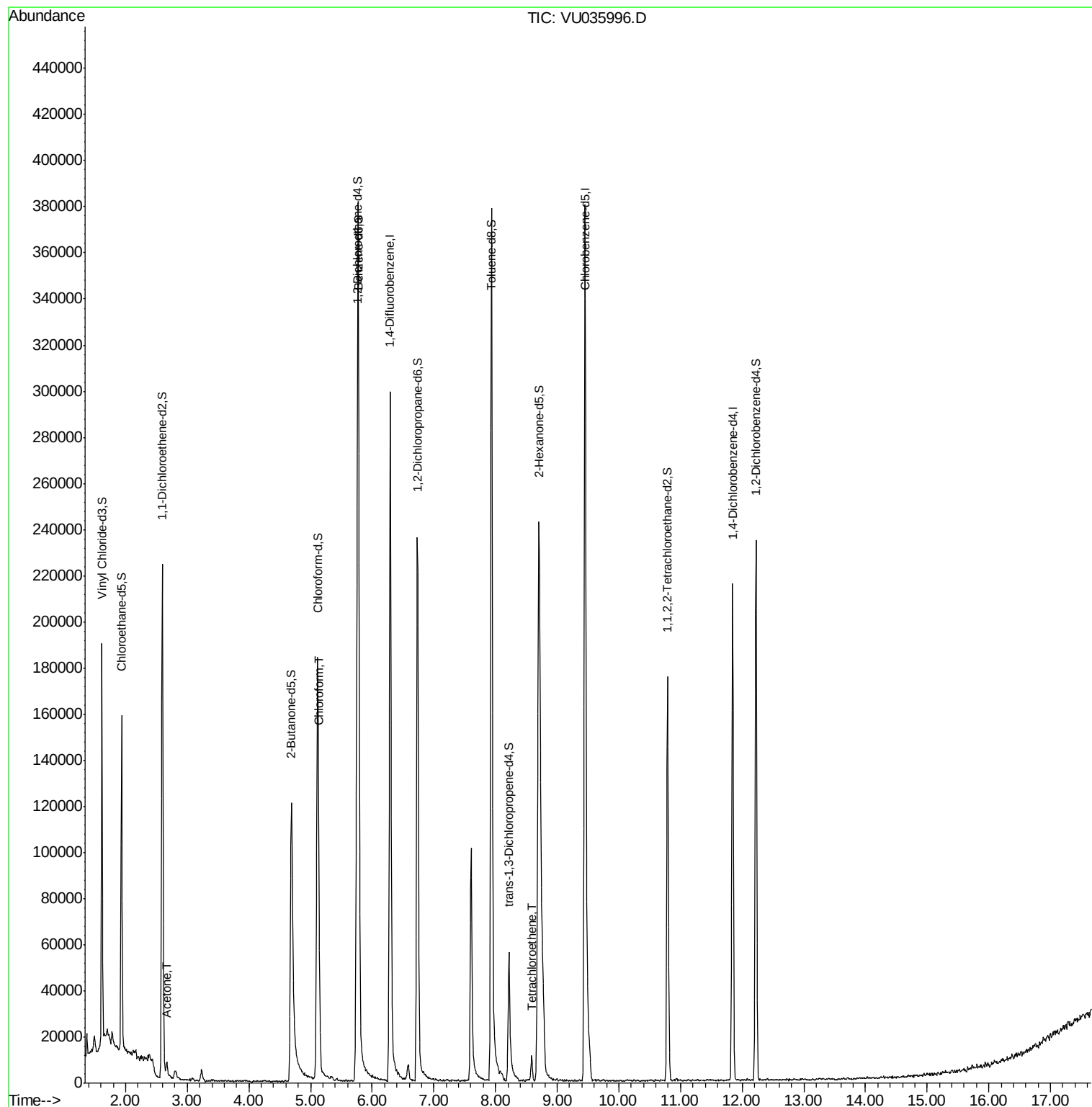
Target Compounds					Ovalue
13) Acetone	2.67	43	6066	1.272 ug/L	93
25) Chloroform	5.14	83	27956	0.715 ug/L	96
47) Tetrachloroethene	8.58	164	2593	0.140 ug/L	81

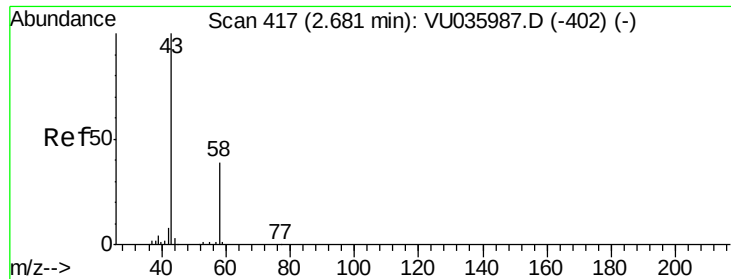
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.272 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

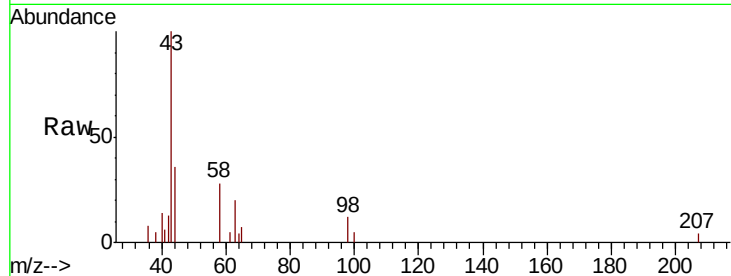
BFE31

Tot Ion: 43 Resp: 6066

Ion Ratio Lower Upper

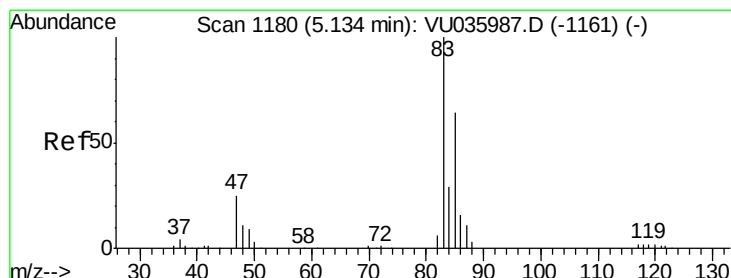
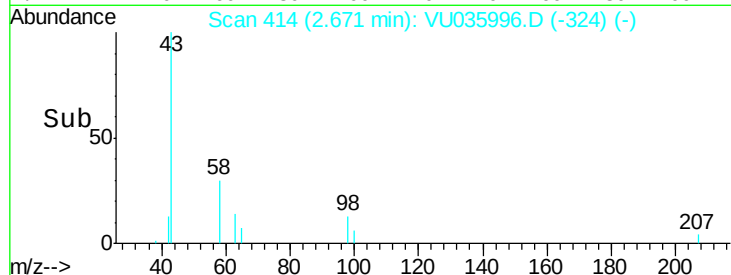
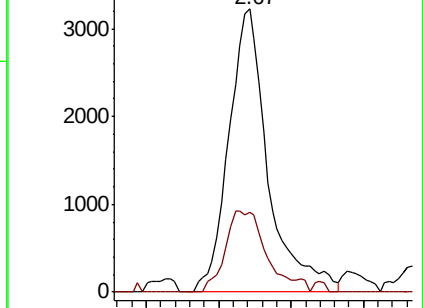
43 100

58 30.2 0.0 68.6



Abundance Ion 43.05 (42.75 to 43.75): VU035987.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU035987.D (-402) (-)



#25

Chloroform

Concen: 0.715 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VU035996.D

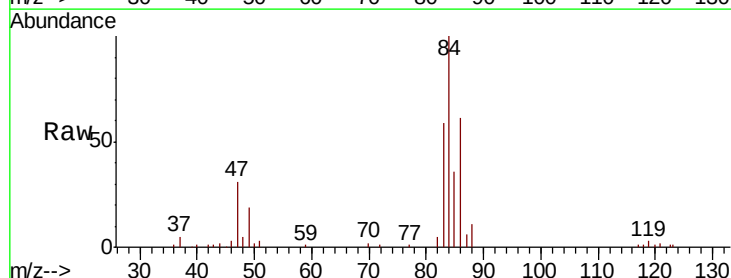
Acq: 05 Dec 2019 15:57

Tgt Ion: 83 Resp: 27956

Ion Ratio Lower Upper

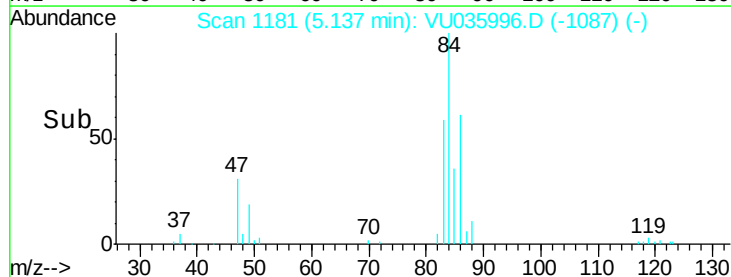
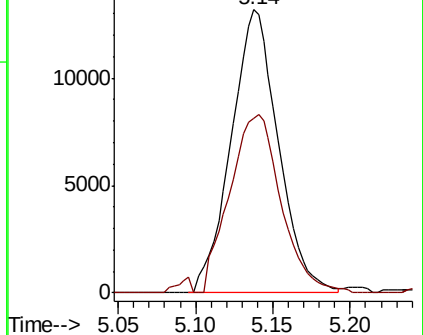
83 100

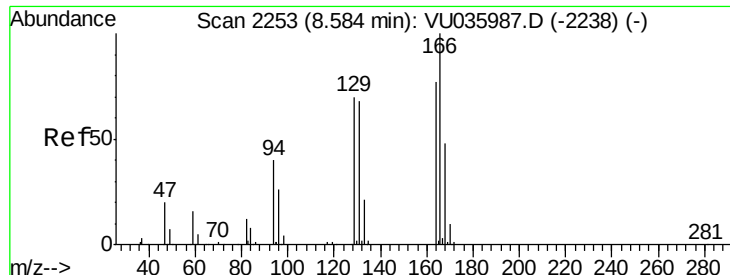
85 61.9 45.4 84.2



Abundance Ion 83.05 (82.75 to 83.75): VU035987.D (-1161) (-)

Ion 85.00 (84.70 to 85.70): VU035987.D (-1161) (-)





#47

Tetrachloroethene

Concen: 0.140 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU035996.D

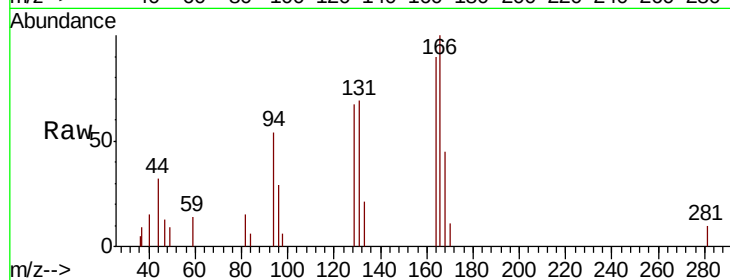
Acq: 05 Dec 2019 15:57

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Tot Ion:164 Resp: 2593

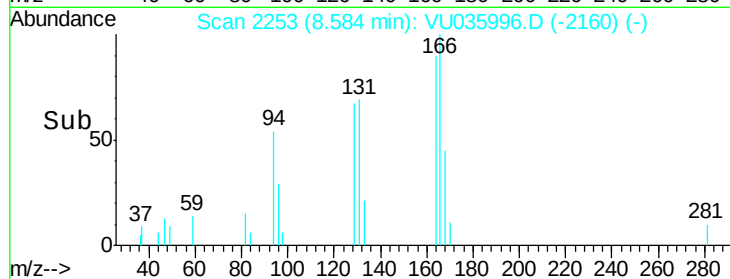
Ion Ratio Lower Upper

164 100

129 73.9 67.9 126.1

131 76.9 64.1 119.1

166 111.0 92.6 172.0



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

