

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121319\
 Data File : VU036221.D
 Acq On : 14 Dec 2019 01:20
 Operator : JC/MD
 Sample : K6234-13 200X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE64

Quant Time: Dec 14 04:48:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 14 01:19:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	217611	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	249772	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	83623	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	96196	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.93	69	92575	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.59	63	99453	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.68	46	177439	49.42	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.84%
24) Chloroform-d	5.11	84	137694	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.75	65	88148	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.77	84	300219	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.73	67	101888	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.93	98	247297	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	8.21	79	36412	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.68	63	150980	48.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.02%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	94454	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	89065	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

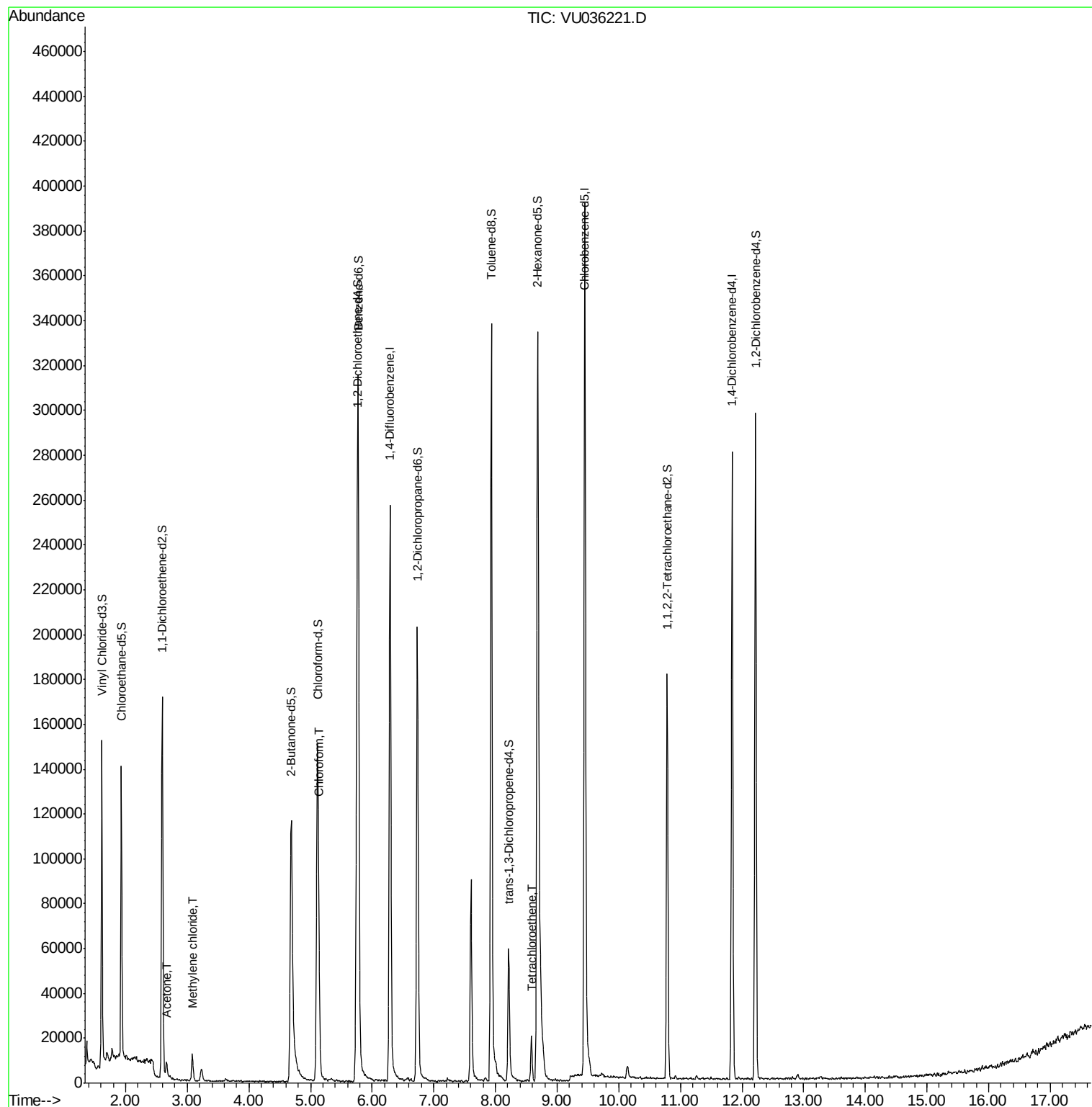
					Ovalue
13) Acetone	2.66	43	8028	2.566 ug/L	91
16) Methylene chloride	3.08	84	5766	0.243 ug/L	95
25) Chloroform	5.14	83	29450	0.872 ug/L	97
47) Tetrachloroethene	8.58	164	4826	0.270 ug/L	98

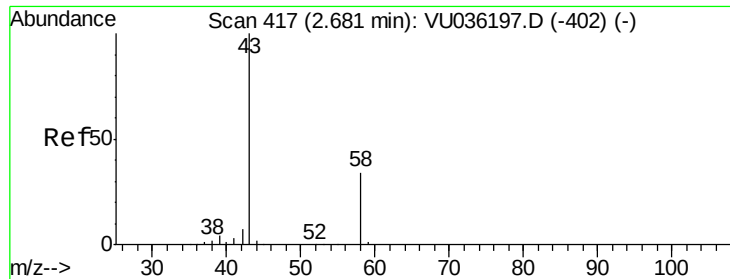
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.566 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU036221.D

Acq: 14 Dec 2019 01:20

Instrument :

MSVOA_U

ClientSampleId :

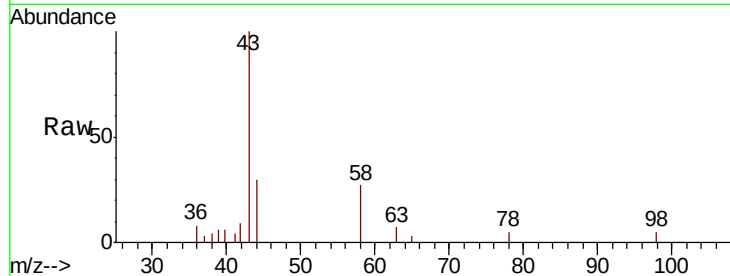
BF64

Tot Ion: 43 Resp: 8028

Ion Ratio Lower Upper

43 100

58 28.5 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036197.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU036197.D (-402) (-)

2.66

4000

3000

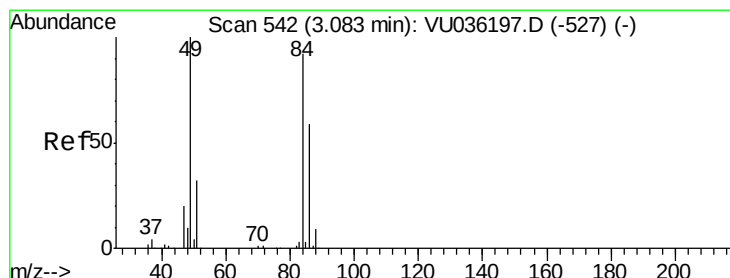
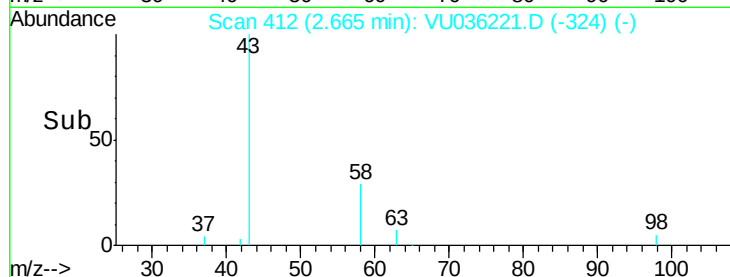
2000

1000

0

Time-->

2.60 2.65 2.70 2.75



#16

Methylene chloride

Concen: 0.243 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

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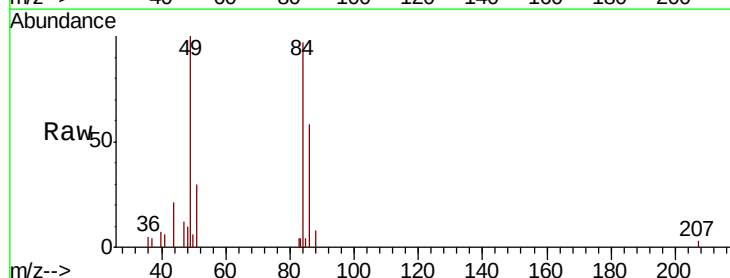
Tgt Ion: 84 Resp: 5766

Ion Ratio Lower Upper

84 100

86 59.8 43.0 79.8

49 103.4 77.3 143.5



Abundance Ion 84.05 (83.75 to 84.75): VU036197.D (-527) (-)

Ion 86.00 (85.70 to 86.70): VU036197.D (-527) (-)

Ion 49.10 (48.80 to 49.80): VU036197.D (-527) (-)

3.08

4000

3000

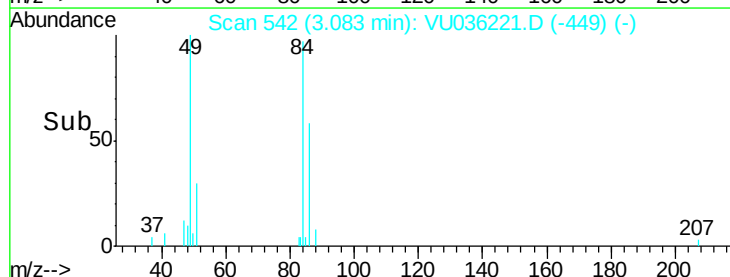
2000

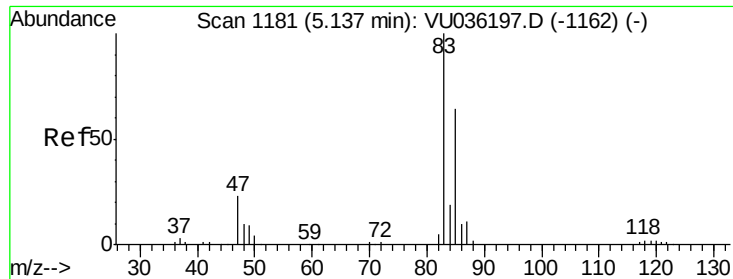
1000

0

Time-->

3.05 3.10 3.15

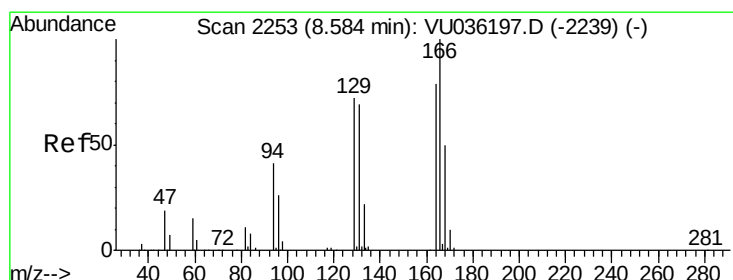
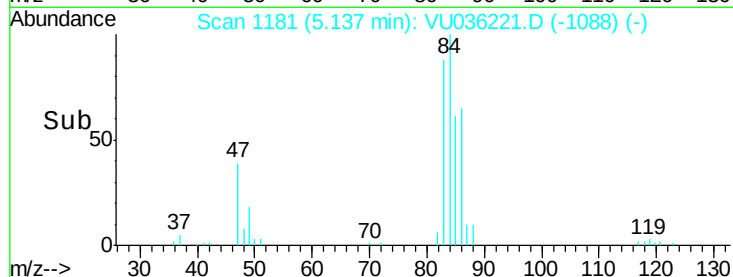
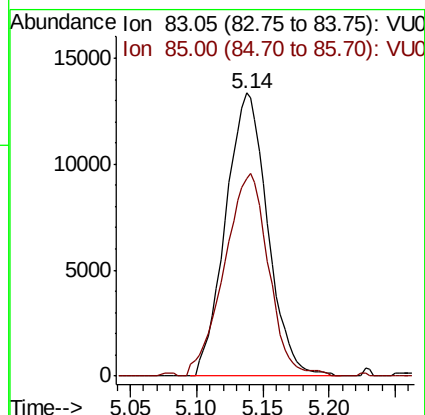
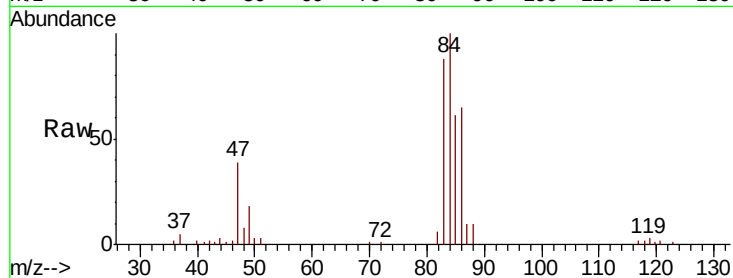




#25
Chloroform
Concen: 0.872 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
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Tot Ion: 83 Resp: 29450
Ion Ratio Lower Upper
83 100
85 70.0 47.5 88.1



#47
Tetrachloroethene
Concen: 0.270 ug/L
RT: 8.58 min Scan# 2251
Delta R.T. -0.01 min
Lab File: VU036221.D
Acq: 14 Dec 2019 01:20

Tgt Ion: 164 Resp: 4826
Ion Ratio Lower Upper
164 100
129 89.7 64.2 119.2
131 97.2 66.6 123.8
166 130.0 93.1 172.9

