

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121219\
 Data File : VU036181.D
 Acq On : 13 Dec 2019 04:53
 Operator : JC/MD
 Sample : K6214-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BD811

Quant Time: Dec 13 05:54:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 13 04:38:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	247212	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	280391	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	89688	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	99001	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.93	69	102834	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.59	63	109464	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.68	46	190448	47.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.64%
24) Chloroform-d	5.11	84	151736	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.75	65	93758	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.77	84	324359	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.73	67	105920	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.93	98	255368	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.80%
43) trans-1,3-Dichloropropene-	8.21	79	35328	3.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.40%
46) 2-Hexanone-d5	8.68	63	158738	44.29	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.58%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	96530	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	86242	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

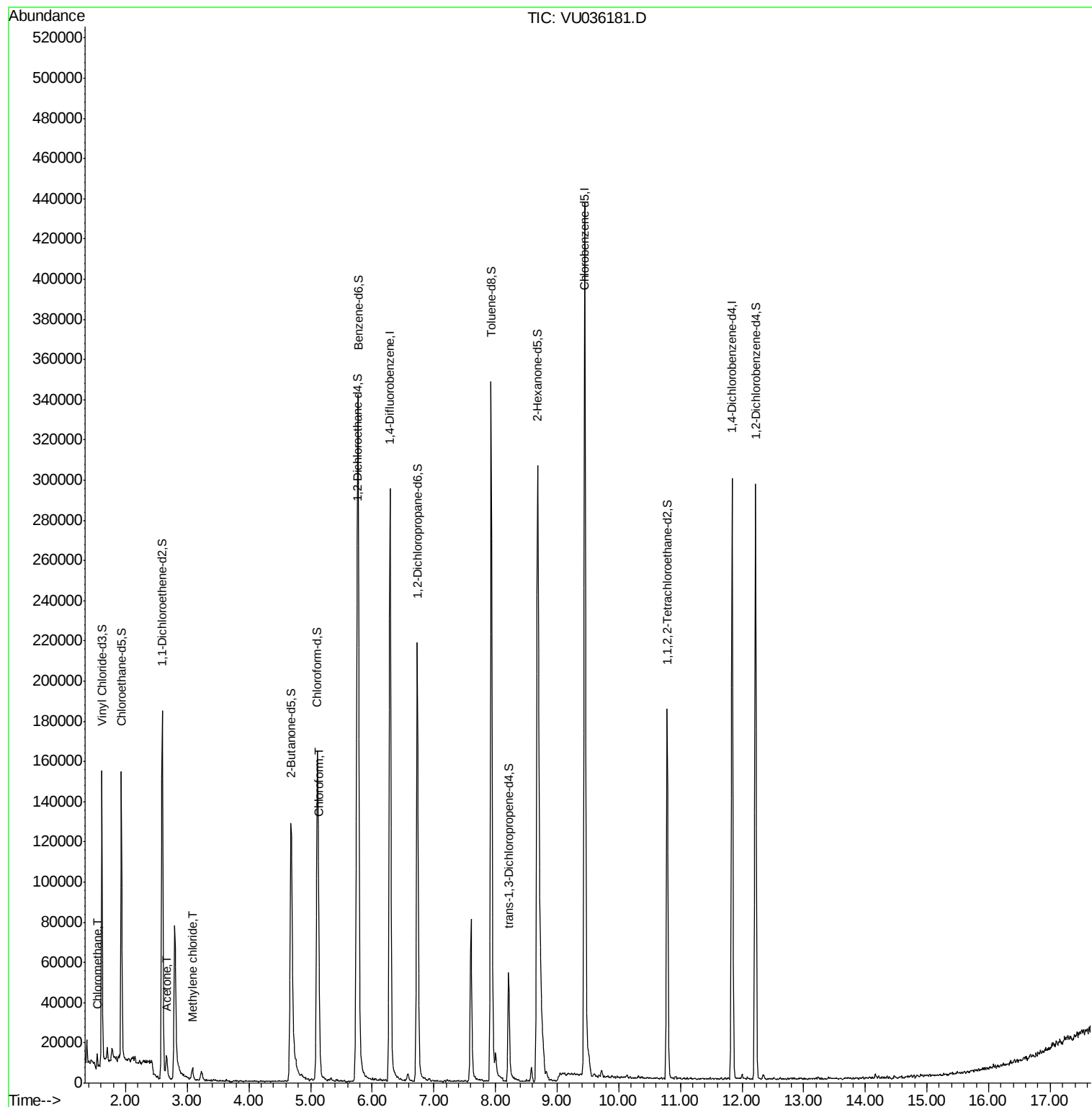
					Ovalue
3) Chloromethane	1.54	50	5189	0.147 ug/L	91
13) Acetone	2.66	43	12412	3.545 ug/L	92
16) Methylene chloride	3.08	84	2630	0.101 ug/L #	81
25) Chloroform	5.14	83	27588	0.734 ug/L	94

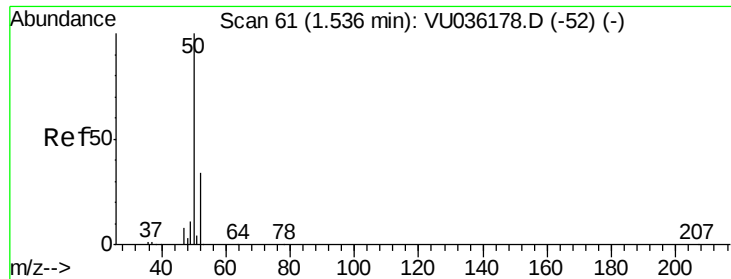
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.147 ug/L

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

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Acq: 13 Dec 2019 04:53

Instrument :

MSVOA_U

ClientSampleId :

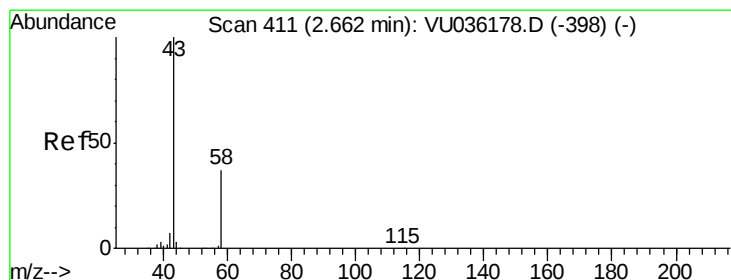
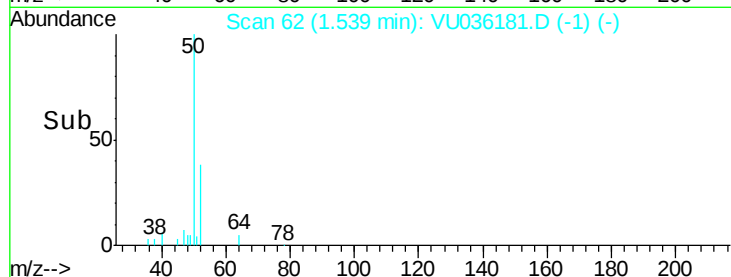
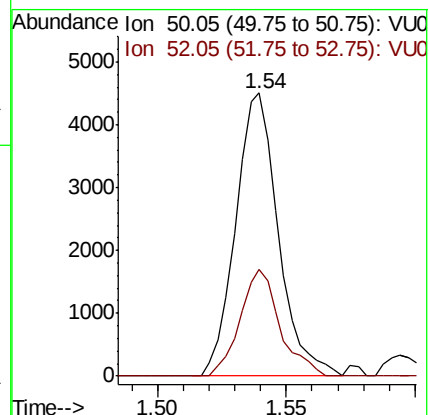
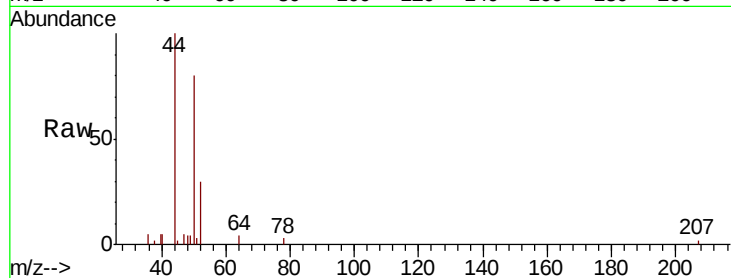
BD811

Tot Ion: 50 Resp: 5189

Ion Ratio Lower Upper

50 100

52 37.9 23.0 42.8



#13

Acetone

Concen: 3.545 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.00 min

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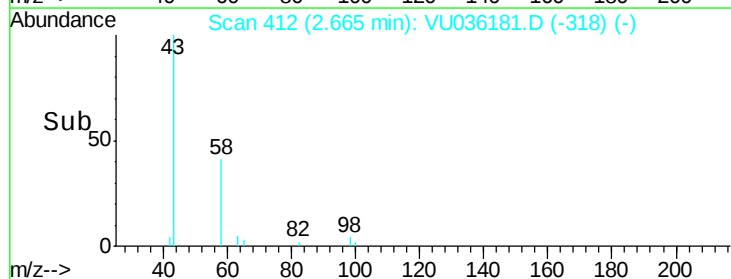
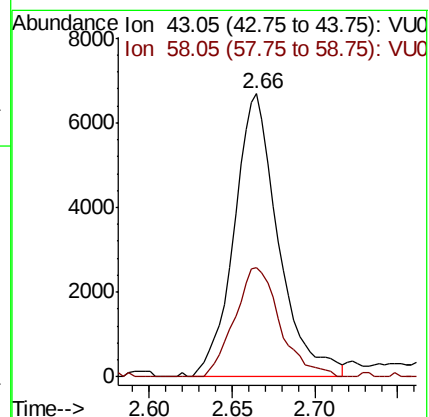
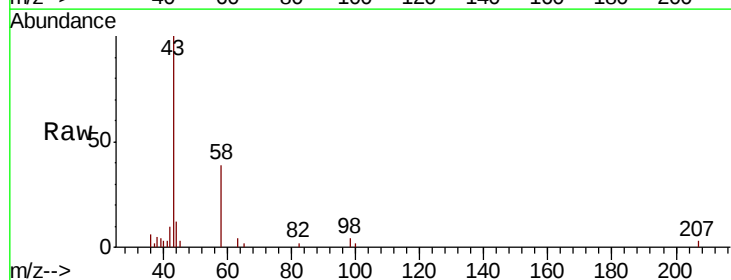
Acq: 13 Dec 2019 04:53

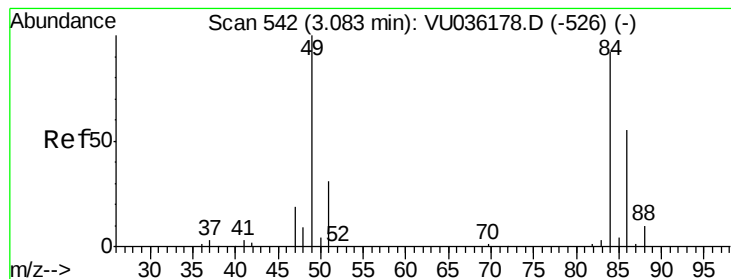
Tgt Ion: 43 Resp: 12412

Ion Ratio Lower Upper

43 100

58 39.4 0.0 70.0





#16

Methylene chloride

Concen: 0.101 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU036181.D

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Instrument :

MSVOA_U

ClientSampleId :

BD811

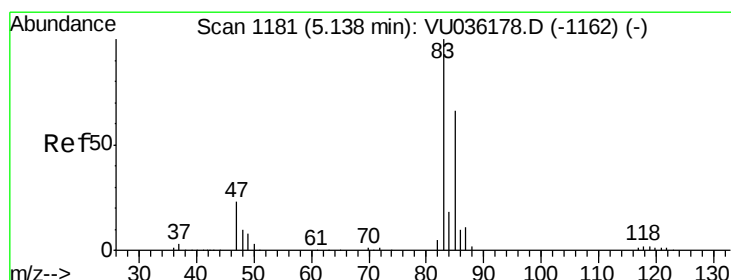
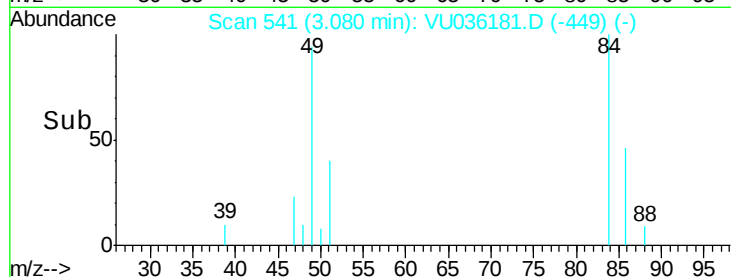
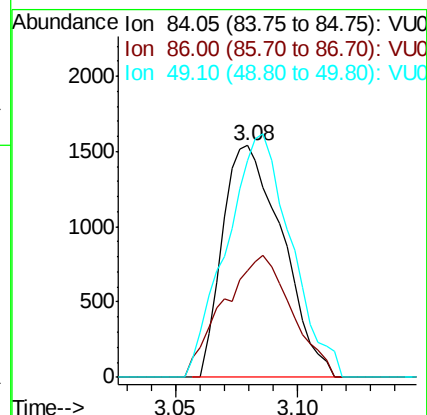
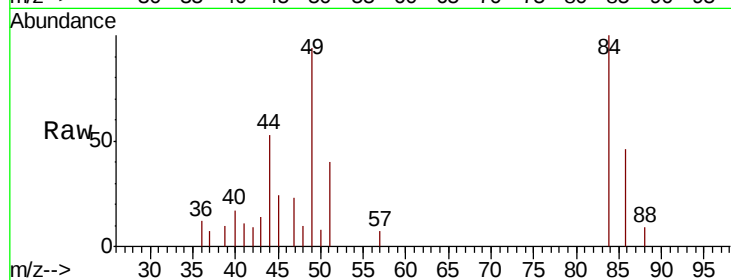
Tot Ion: 84 Resp: 2630

Ion Ratio Lower Upper

84 100

86 45.8 46.1 85.5#

49 93.9 77.7 144.3



#25

Chloroform

Concen: 0.734 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VU036181.D

Acq: 13 Dec 2019 04:53

Tgt Ion: 83 Resp: 27588

Ion Ratio Lower Upper

83 100

85 67.5 44.2 82.0

