

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081419\
 Data File : VV012238.D
 Acq On : 14 Aug 2019 16:47
 Operator : SY/MD
 Sample : K4337-12
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA6

Quant Time: Aug 15 23:43:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 15 23:30:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	199791	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	196146	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	85317	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54014	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.58	69	45064	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.13	63	65300	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	3.95	46	128292	48.26	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.52%
24) Chloroform-d	4.40	84	114434	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.08	65	56440	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.10	84	232637	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.12	67	69730	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.36	98	196027	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.67	79	24342	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.14	63	76356	42.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47437	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	71770	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

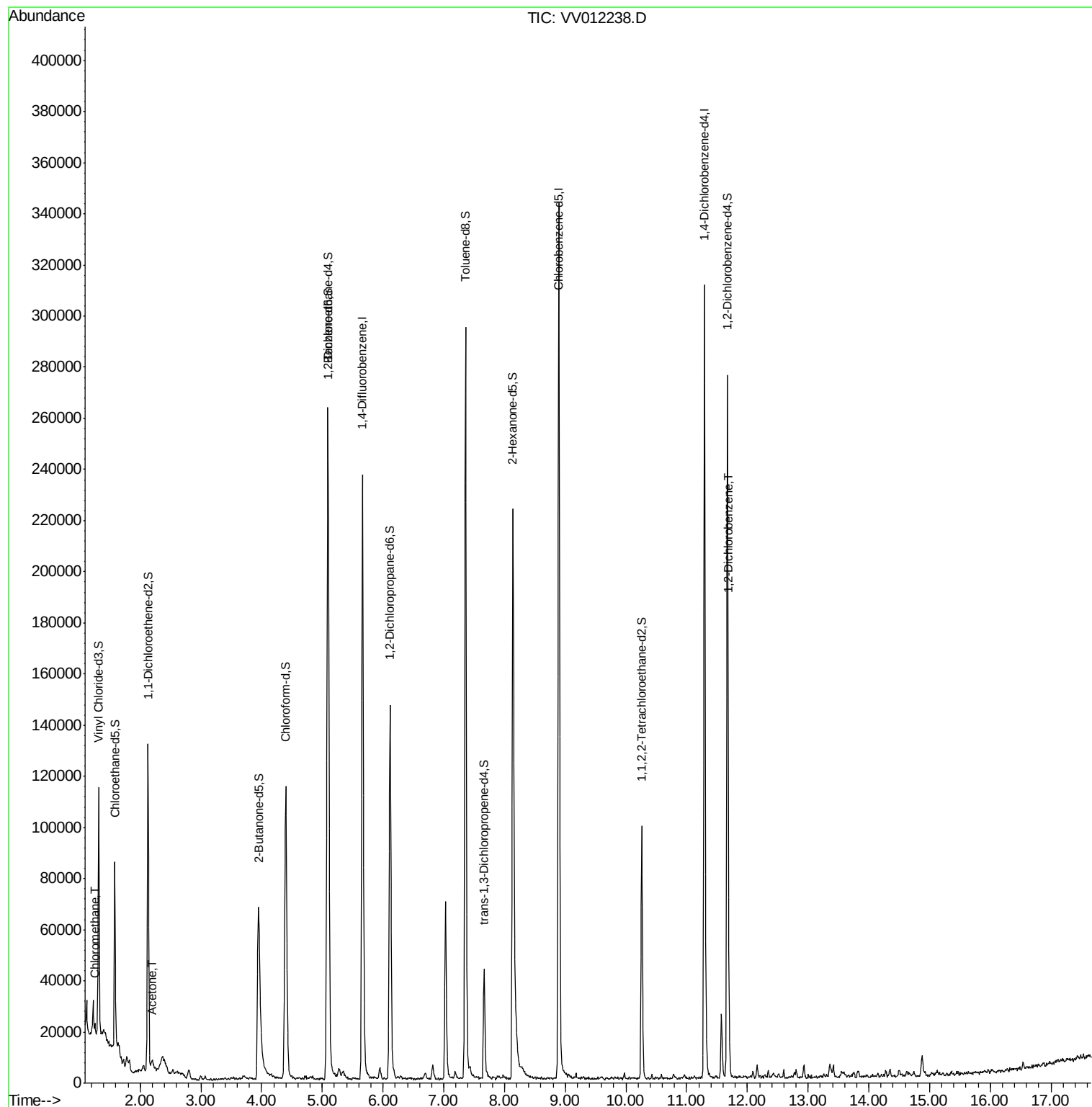
Target Compounds					Qvalue
3) Chloromethane	1.25	50	2893	0.167 ug/L	95
13) Acetone	2.20	43	3433	2.072 ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	7642	0.293 ug/L	95

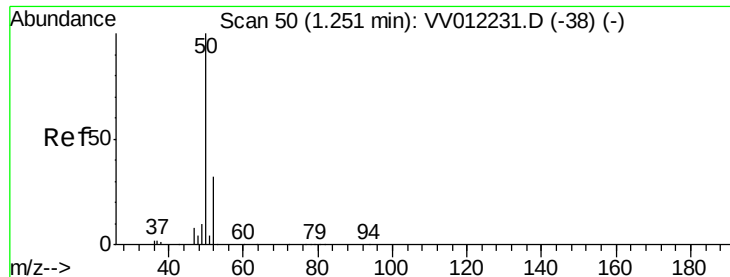
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.167 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

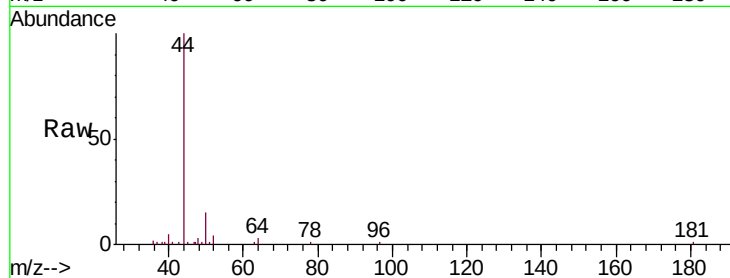
C0AA6

Tgt Ion: 50 Resp: 2893

Ion Ratio Lower Upper

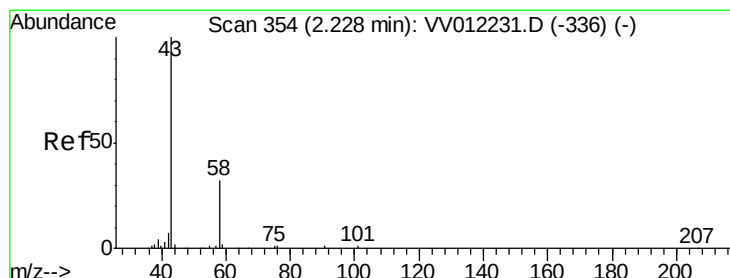
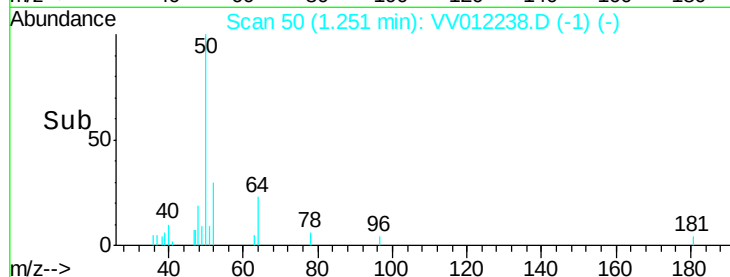
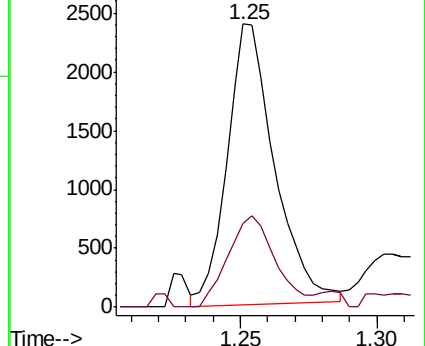
50 100

52 29.6 22.6 42.0



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#13

Acetone

Concen: 2.072 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.03 min

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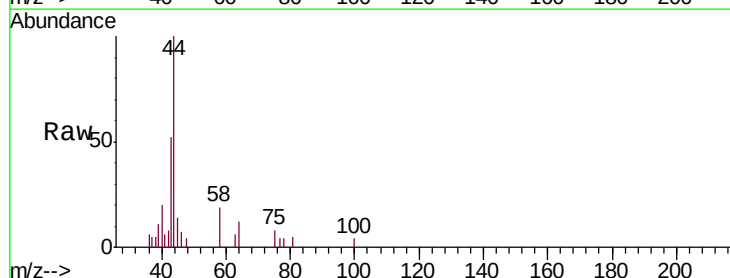
Acq: 14 Aug 2019 16:47

Tgt Ion: 43 Resp: 3433

Ion Ratio Lower Upper

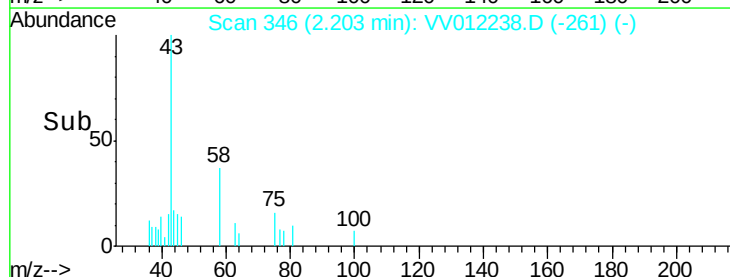
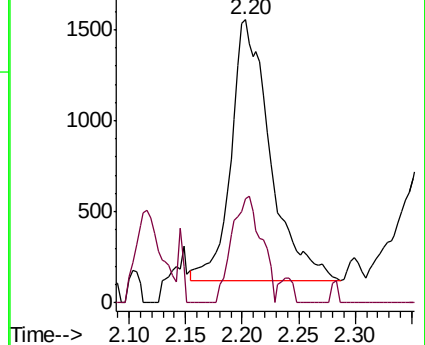
43 100

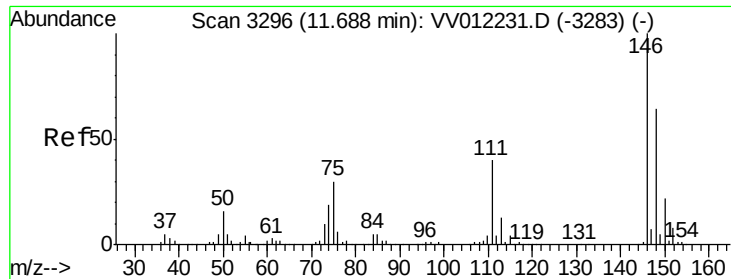
58 31.1 0.0 59.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

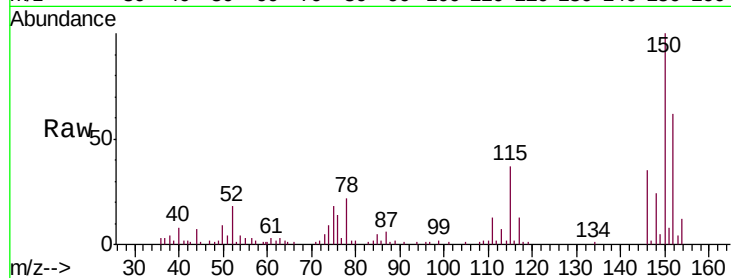




#65
 1,2-Dichlorobenzene
 Concen: 0.293 ug/L
 RT: 11.69 min Scan# 3297
 Delta R.T. 0.00 min
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Tgt Ion:146 Resp: 7642
 Ion Ratio Lower Upper
 146 100
 111 37.7 33.0 49.4
 148 67.3 51.1 76.7



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

