

Data File : VV014113.D
Acq On : 18 Dec 2019 11:47
Operator : SY/MD
Sample : K6314-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFF11

Quant Time: Dec 19 07:08:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 19 07:06:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	727114	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	693041	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	311568	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	216376	51.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.90%
7) Chloroethane-d5	1.58	69	203331	46.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.64%
11) 1,1-Dichloroethene-d2	2.13	63	295481	31.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.54%
21) 2-Butanone-d5	3.92	46	286009	96.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.63%
24) Chloroform-d	4.40	84	417229	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.48%
26) 1,2-Dichloroethane-d4	5.08	65	272162	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.26%
32) Benzene-d6	5.10	84	843844	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
36) 1,2-Dichloropropane-d6	6.12	67	267028	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.08%
41) Toluene-d8	7.36	98	694237	42.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	7.66	79	111340	42.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.90%
47) 2-Hexanone-d5	8.13	63	185111	91.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.96%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	349178	44.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.46%
64) 1,2-Dichlorobenzene-d4	11.67	152	292844	47.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.72%

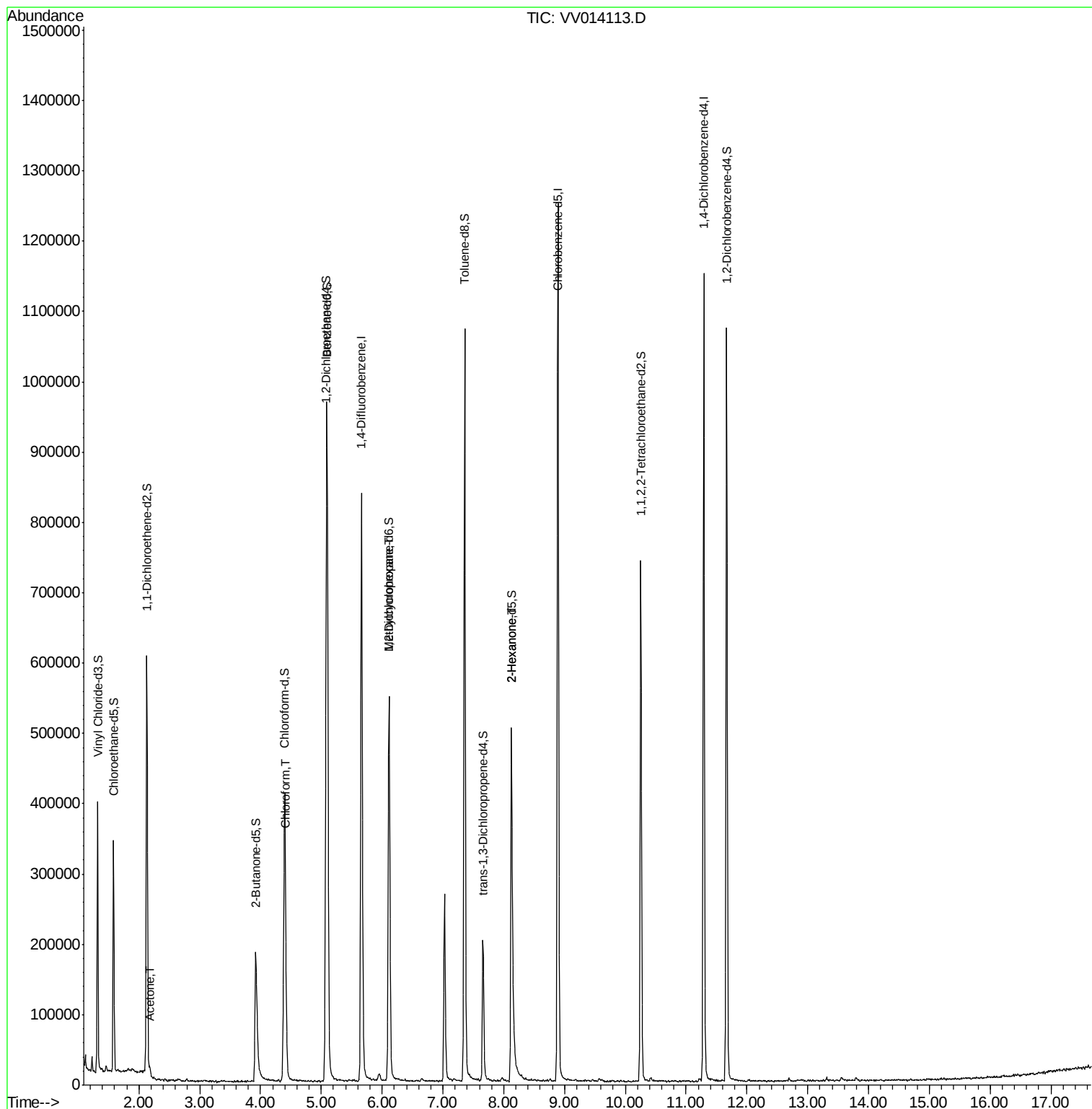
Target Compounds					Qvalue
13) Acetone	2.18	43	6387	1.472 ug/L	81
25) Chloroform	4.42	83	10267	1.032 ug/L	85
35) Methylcyclohexane	6.12	83	65127	7.841 ug/L #	20
48) 2-Hexanone	8.13	43	24538	4.722 ug/L #	72

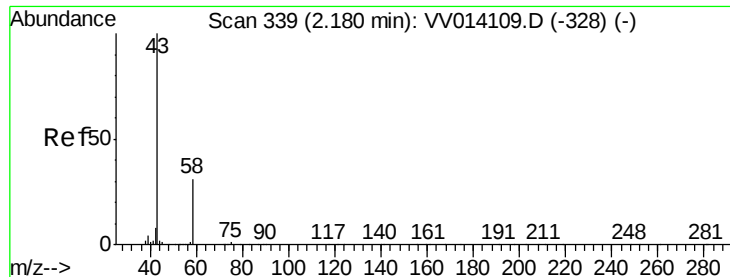
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.472 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

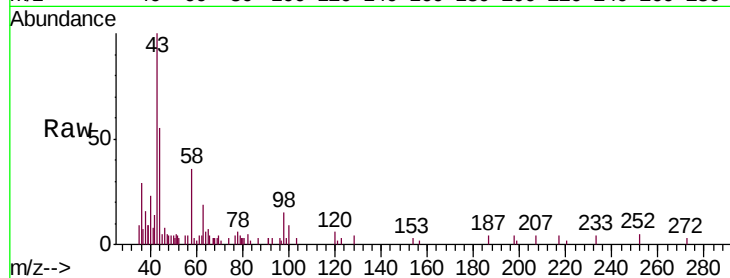
BFF11

Tgt Ion: 43 Resp: 6387

Ion Ratio Lower Upper

43 100

58 40.7 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.18

4000

3000

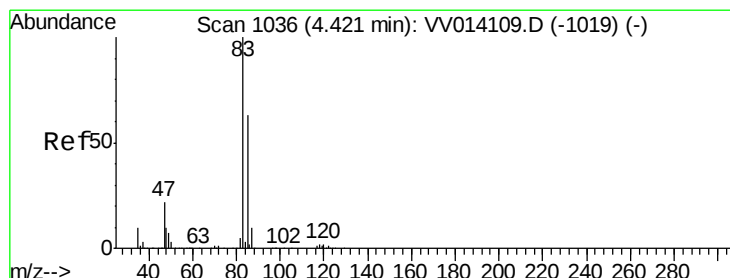
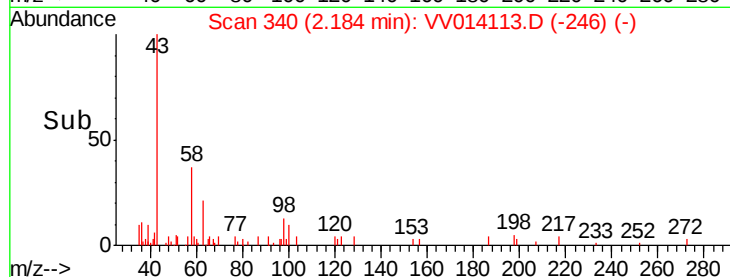
2000

1000

0

2.15 2.20 2.25

Time-->



#25

Chloroform

Concen: 1.032 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

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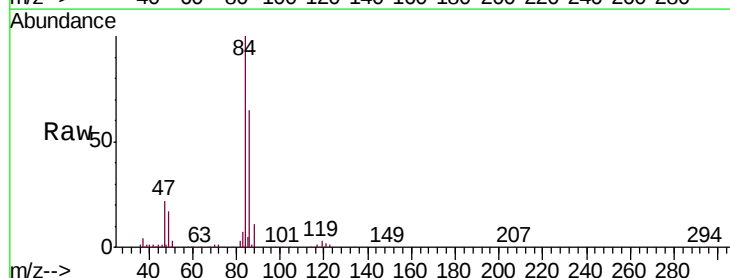
Acq: 18 Dec 2019 11:47

Tgt Ion: 83 Resp: 10267

Ion Ratio Lower Upper

83 100

85 76.9 45.7 84.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.42

4000

3000

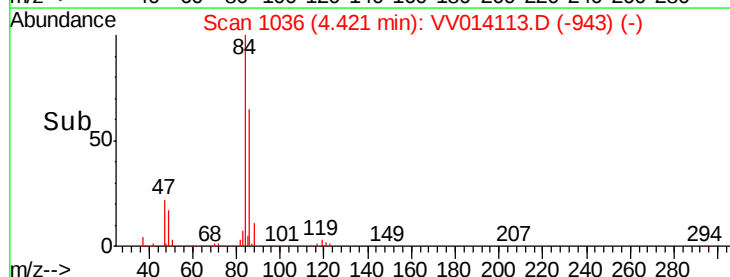
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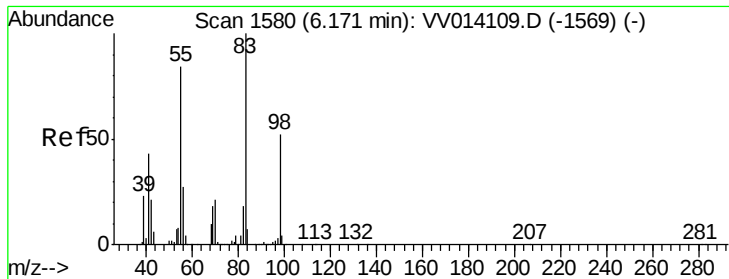
1000

0

4.40 4.45

Time-->

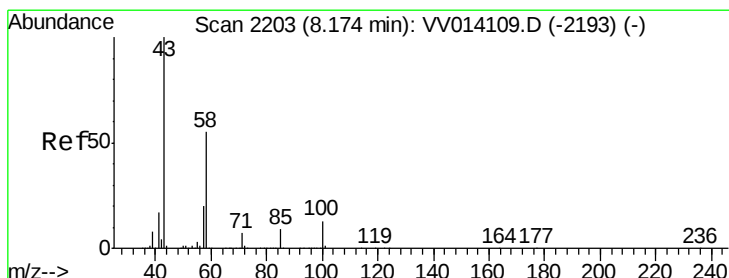
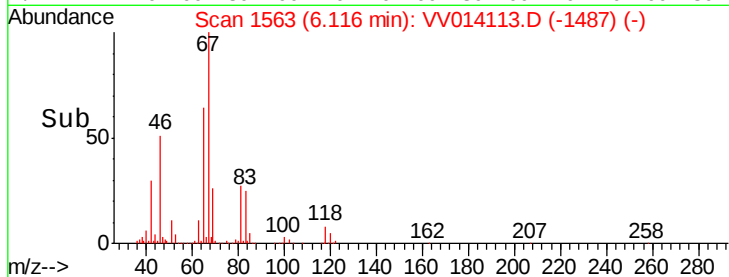
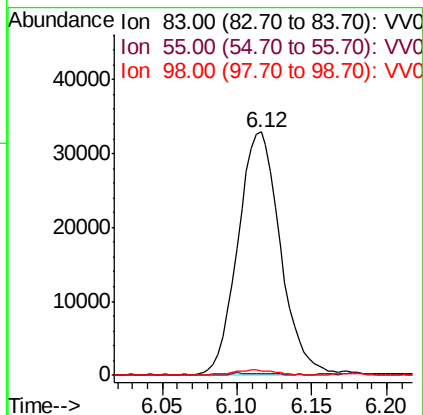
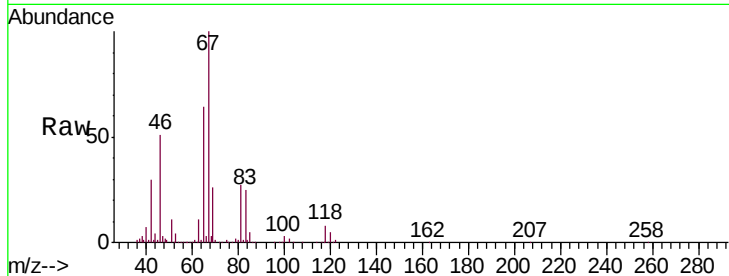




#35
Methylcyclohexane
Concen: 7.841 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
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Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 83 Resp: 65127
Ion Ratio Lower Upper
83 100
55 0.6 61.0 91.4#
98 2.3 39.6 59.4#



#48
2-Hexanone
Concen: 4.722 ug/L
RT: 8.13 min Scan# 2189
Delta R.T. -0.04 min
Lab File: VV014113.D
Acq: 18 Dec 2019 11:47

Tgt Ion: 43 Resp: 24538
Ion Ratio Lower Upper
43 100
58 38.5 48.4 72.6#
57 30.7 16.6 24.8#
100 1.8 11.9 17.9#

