

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121119\
 Data File : VV014013.D
 Acq On : 11 Dec 2019 15:27
 Operator : SY/MD
 Sample : K6235-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 03:04:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 12 03:01:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	606467	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	597803	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	245051	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	184294	52.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.08%
7) Chloroethane-d5	1.56	69	191241	52.24	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.48%
11) 1,1-Dichloroethene-d2	2.12	63	279672	36.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.12%
21) 2-Butanone-d5	3.92	46	209546	84.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.88%
24) Chloroform-d	4.39	84	332153	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.18%
26) 1,2-Dichloroethane-d4	5.07	65	211322	45.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.54%
32) Benzene-d6	5.09	84	690837	44.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.11	67	215565	46.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.72%
41) Toluene-d8	7.35	98	593853	42.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.10%
43) trans-1,3-Dichloropropene-	7.66	79	88352	39.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.10%
47) 2-Hexanone-d5	8.13	63	117831	67.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.87%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	271144	40.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.54%
64) 1,2-Dichlorobenzene-d4	11.67	152	242523	50.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.78%

Target Compounds

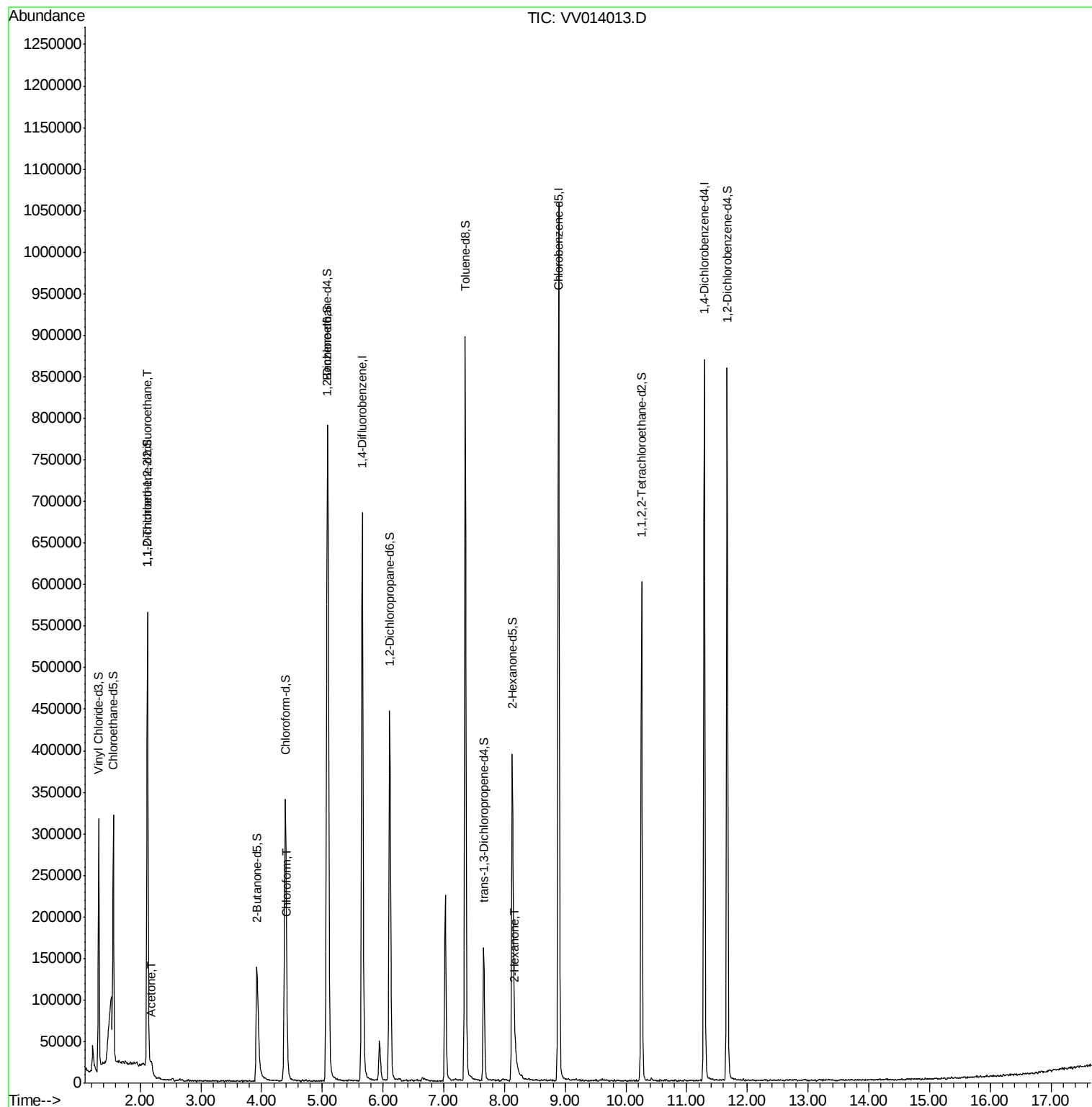
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2975	0.652 ug/L #	20
13) Acetone	2.18	43	3559	0.984 ug/L	95
25) Chloroform	4.42	83	10346	1.246 ug/L	95
48) 2-Hexanone	8.18	43	14447	3.223 ug/L #	41

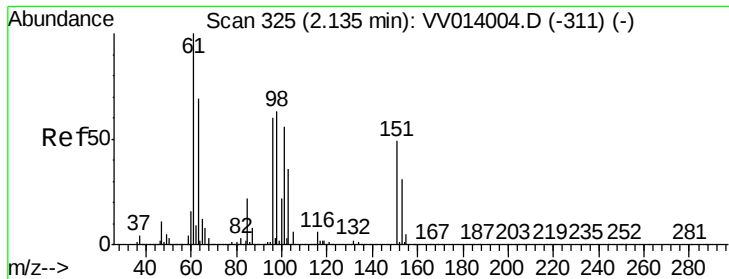
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 12 03:01:11 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.652 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV014013.D

Acq: 11 Dec 2019 15:27

Instrument :

MSVOA_V

ClientSampleId :

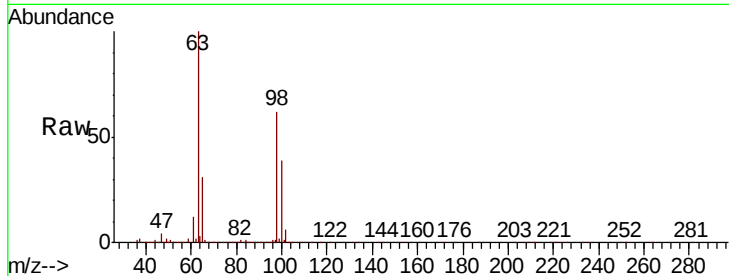
Tot Ion:101 Resp: 2975

Ion Ratio Lower Upper

101 100

85 5.3 32.5 48.7#

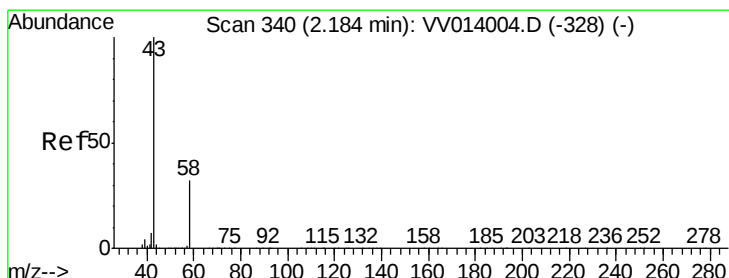
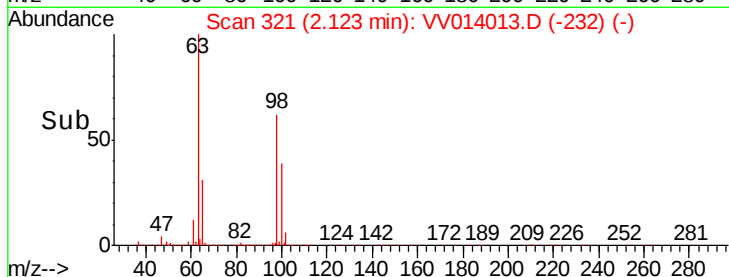
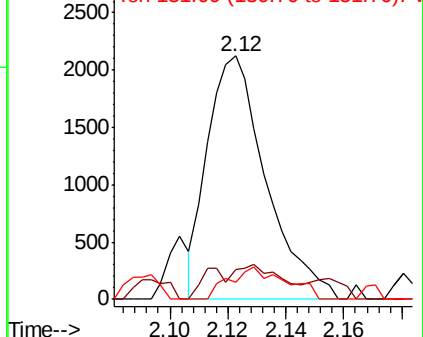
151 3.0 69.8 104.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 0.984 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV014013.D

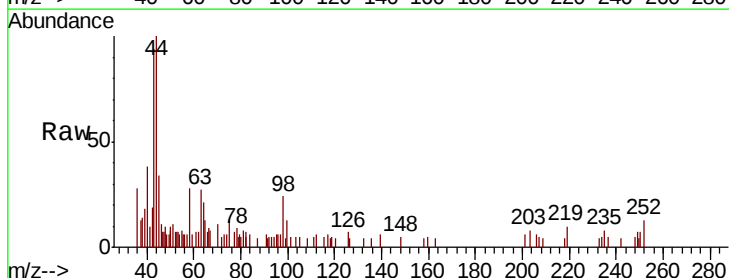
Acq: 11 Dec 2019 15:27

Tgt Ion: 43 Resp: 3559

Ion Ratio Lower Upper

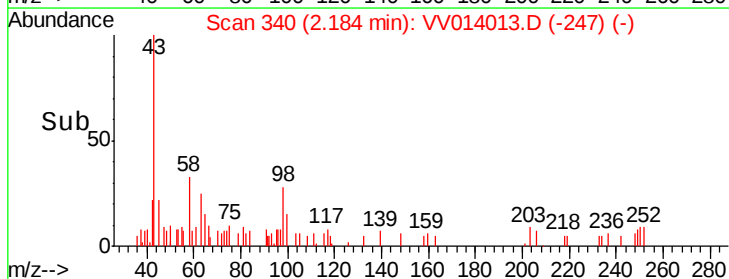
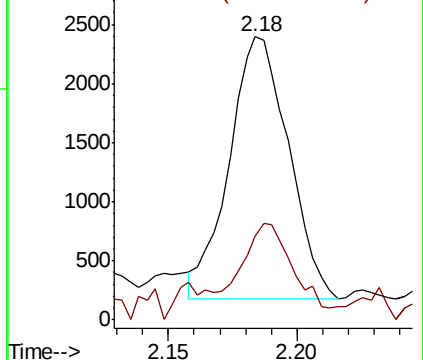
43 100

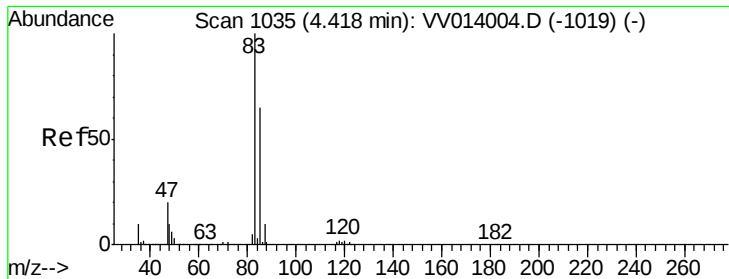
58 33.4 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#25

Chloroform

Concen: 1.246 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VV014013.D

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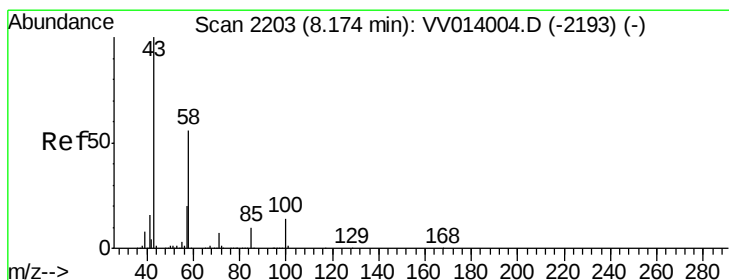
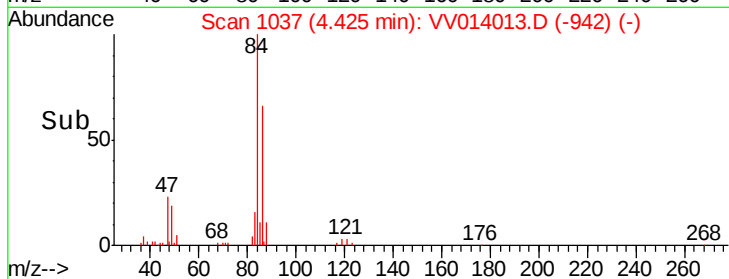
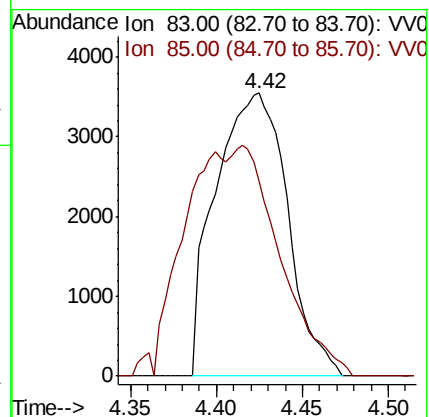
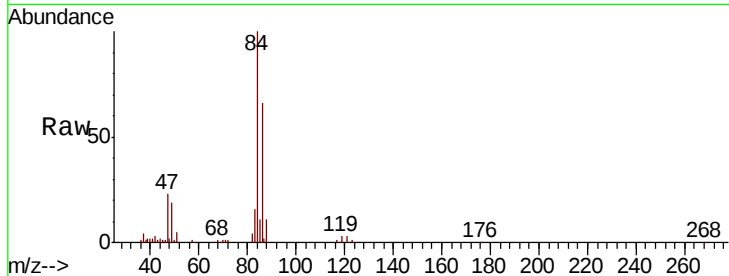
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 10346

Ion Ratio Lower Upper

83 100

85 69.1 45.7 84.9



#48

2-Hexanone

Concen: 3.223 ug/L

RT: 8.18 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VV014013.D

Acq: 11 Dec 2019 15:27

Tgt Ion: 43 Resp: 14447

Ion Ratio Lower Upper

43 100

58 0.0 48.4 72.6#

57 3.8 16.6 24.8#

100 11.1 11.9 17.9#

