

Data File : VV014040.D
Acq On : 12 Dec 2019 18:40
Operator : SY/MD
Sample : K6276-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0C56

Quant Time: Dec 13 06:18:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 13 06:14:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	667510	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	631556	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	240258	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	176637	45.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.50%
7) Chloroethane-d5	1.56	69	175811	43.63	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.26%
11) 1,1-Dichloroethene-d2	2.12	63	258884	30.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.66%
21) 2-Butanone-d5	3.92	46	248675	91.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.52%
24) Chloroform-d	4.39	84	370581	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.42%
26) 1,2-Dichloroethane-d4	5.07	65	234907	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.44%
32) Benzene-d6	5.09	84	752390	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.96%
36) 1,2-Dichloropropane-d6	6.11	67	261181	53.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.34%
41) Toluene-d8	7.35	98	663627	44.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.96%
43) trans-1,3-Dichloropropene-	7.66	79	98696	41.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.58%
47) 2-Hexanone-d5	8.13	63	137067	74.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.73%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	304274	42.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.56%
64) 1,2-Dichlorobenzene-d4	11.67	152	242407	51.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.74%

Target Compounds					Qvalue
3) Chloromethane	1.25	50	5072	0.933 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3231	0.644 ug/L #	18
13) Acetone	2.18	43	6508	1.634 ug/L	83
48) 2-Hexanone	8.18	43	17511	3.698 ug/L #	86

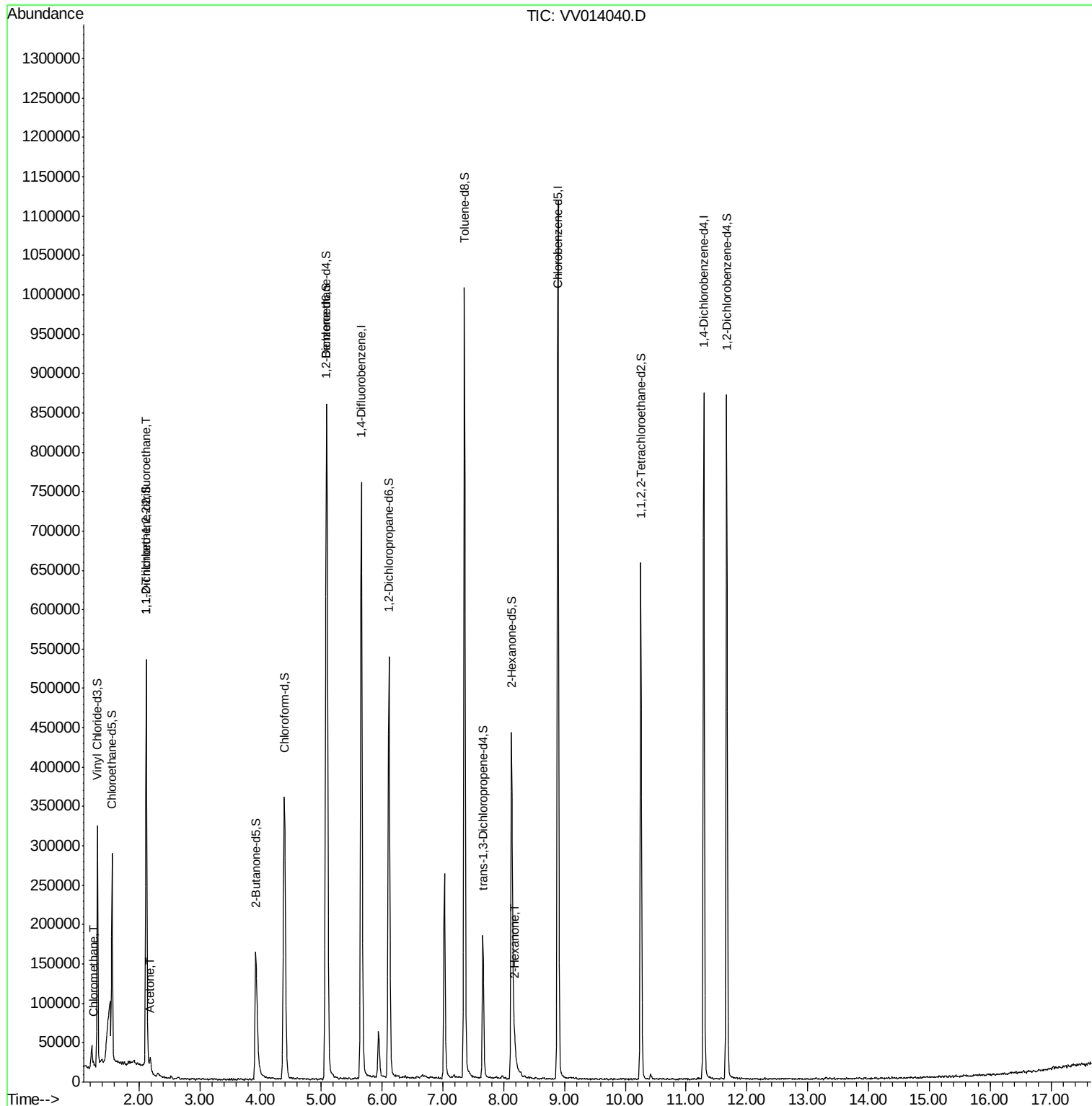
(#) = qualifier out of range (m) = manual integration (+) = signals summed

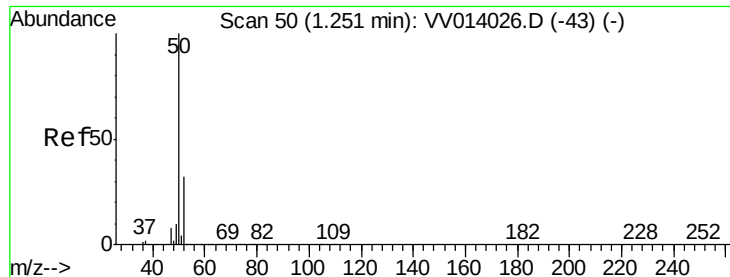
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#3

Chloromethane

Concen: 0.933 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV014040.D

Acq: 12 Dec 2019 18:40

Instrument :

MSVOA_V

ClientSampleId :

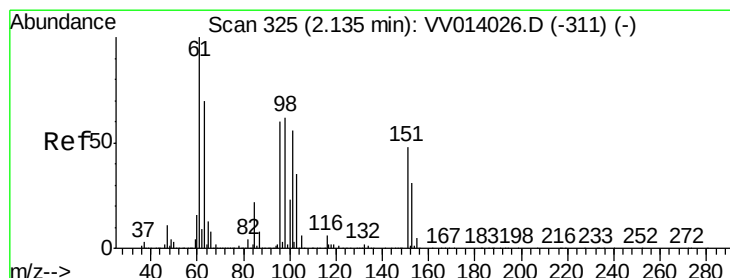
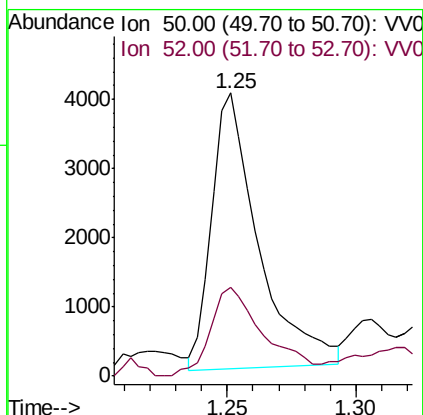
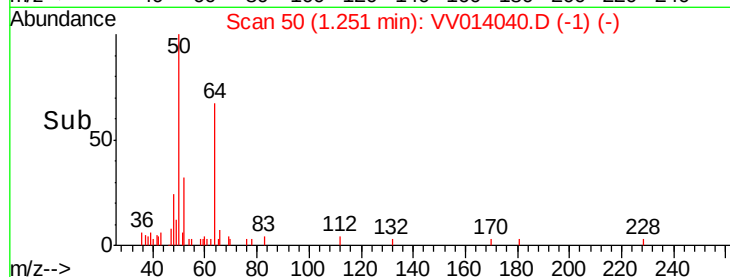
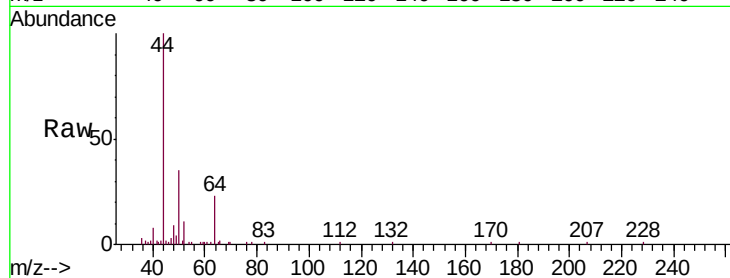
C0C56

Tgt Ion: 50 Resp: 5072

Ion Ratio Lower Upper

50 100

52 31.2 23.0 42.6



#10

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

Concen: 0.644 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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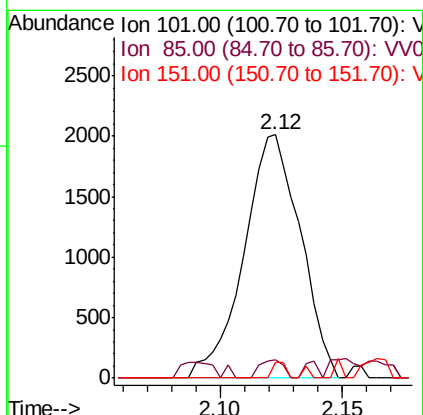
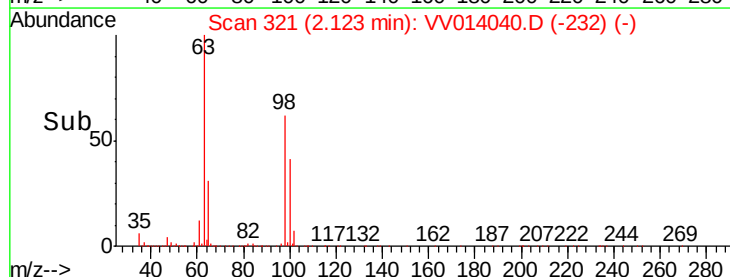
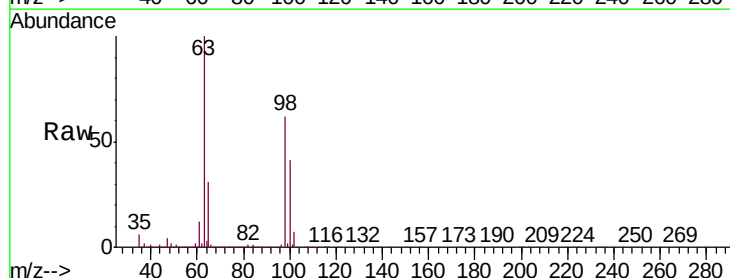
Tgt Ion: 101 Resp: 3231

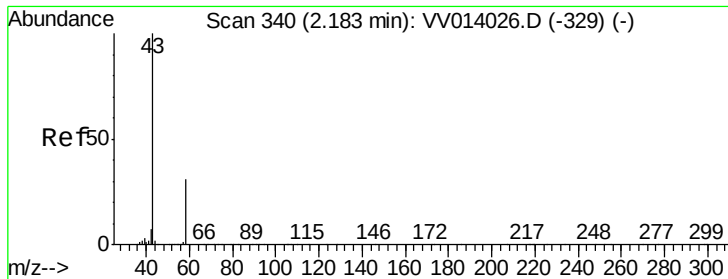
Ion Ratio Lower Upper

101 100

85 3.1 32.5 48.7#

151 1.5 69.8 104.6#





#13

Acetone

Concen: 1.634 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

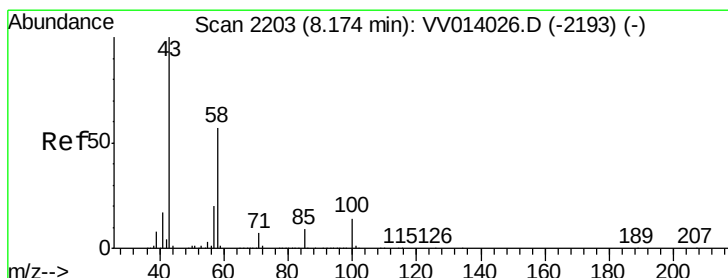
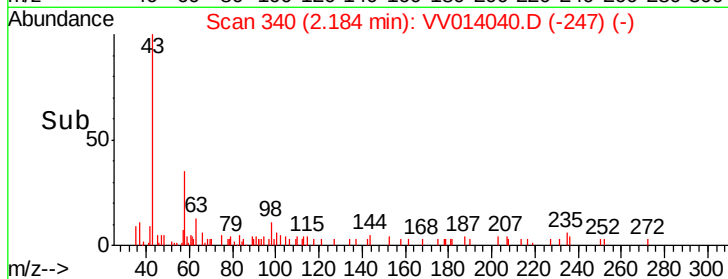
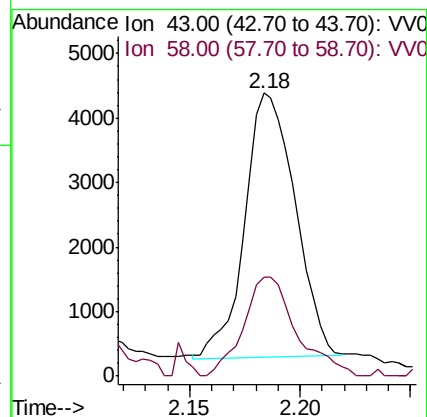
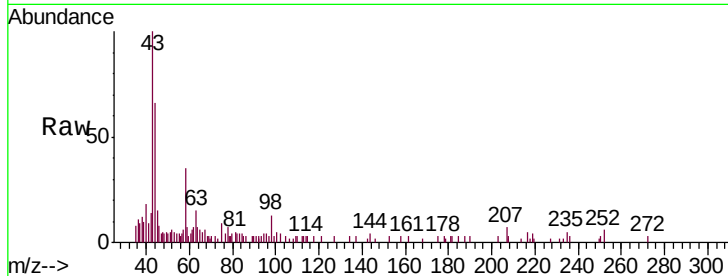
C0C56

Tgt Ion: 43 Resp: 6508

Ion Ratio Lower Upper

43 100

58 39.5 0.0 60.8



#48

2-Hexanone

Concen: 3.698 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VV014040.D

Acq: 12 Dec 2019 18:40

Tgt Ion: 43 Resp: 17511

Ion Ratio Lower Upper

43 100

58 50.4 48.4 72.6

57 15.3 16.6 24.8#

100 5.6 11.9 17.9#

