

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121119\
 Data File : VV014019.D
 Acq On : 11 Dec 2019 18:43
 Operator : SY/MD
 Sample : K6253-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 03:04:44 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	739876	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	718649	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	262702	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	189881	44.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.74%
7) Chloroethane-d5	1.57	69	204844	45.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.72%
11) 1,1-Dichloroethene-d2	2.12	63	308241	32.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.16%
21) 2-Butanone-d5	3.92	46	289049	95.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.97%
24) Chloroform-d	4.39	84	429011	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
26) 1,2-Dichloroethane-d4	5.07	65	281246	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.78%
32) Benzene-d6	5.09	84	895690	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.11	67	285226	51.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.06%
41) Toluene-d8	7.35	98	777522	45.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.66	79	114825	42.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.44%
47) 2-Hexanone-d5	8.13	63	166680	79.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.86%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	331782	40.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.98%
64) 1,2-Dichlorobenzene-d4	11.67	152	278016	53.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.76%

Target Compounds

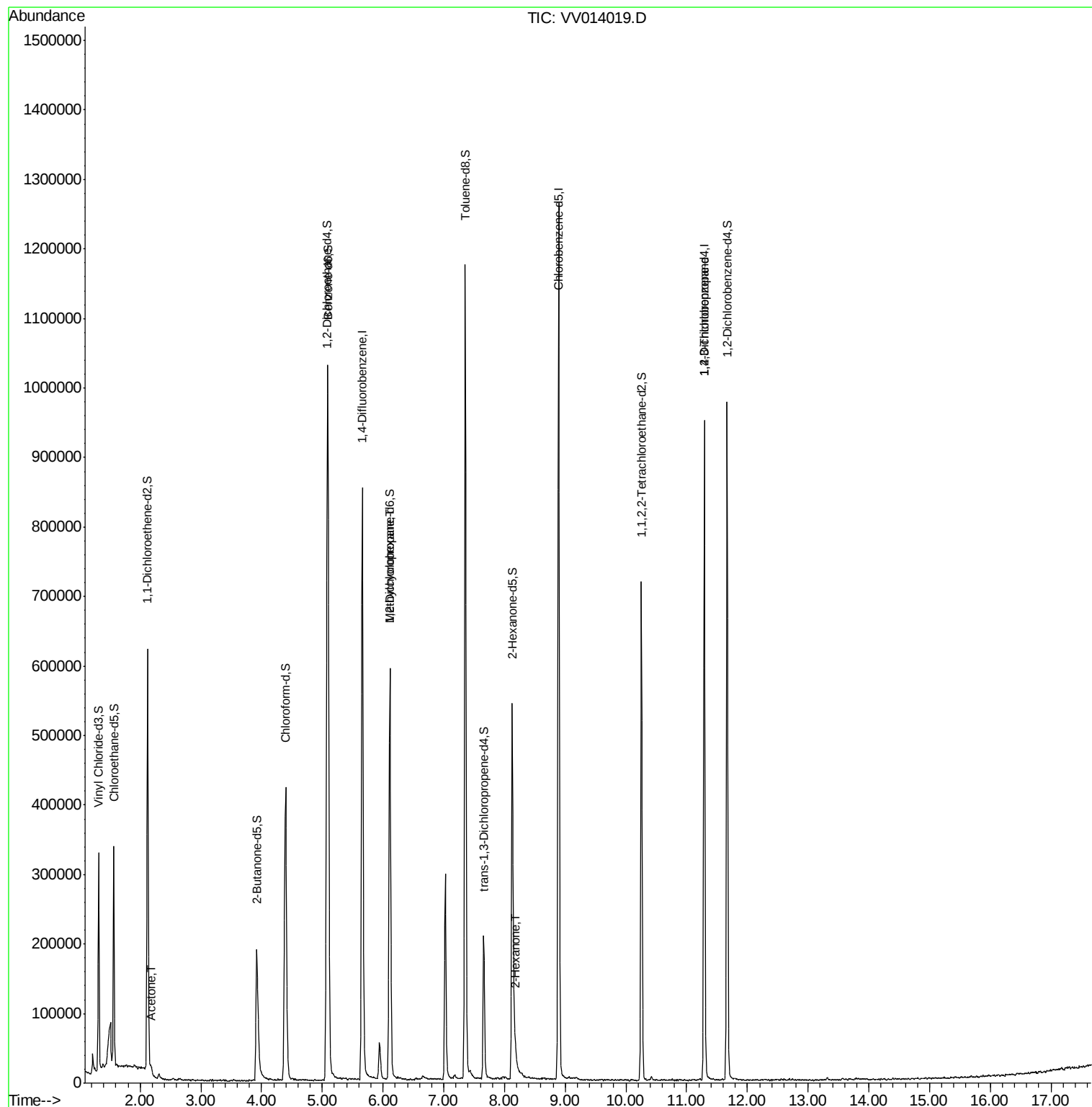
					Ovalue
13) Acetone	2.18	43	7364	1.668 ug/L	91
35) Methylcyclohexane	6.11	83	68760	7.984 ug/L #	18
48) 2-Hexanone	8.18	43	18702	3.471 ug/L #	67
59) 1,2,3-Trichloropropane	11.29	75	25513	3.640 ug/L	91

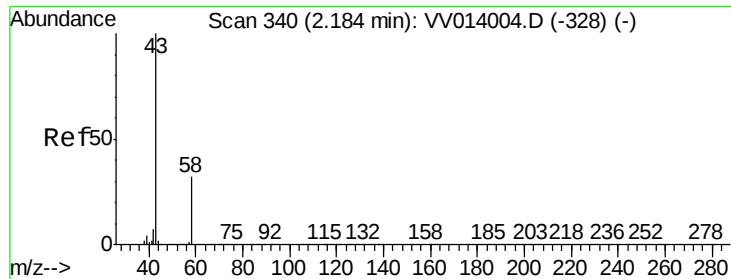
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 1.668 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV014019.D

Acq: 11 Dec 2019 18:43

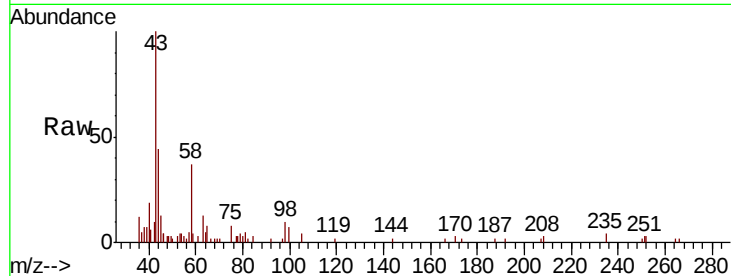
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 7364

Ion Ratio Lower Upper

43 100

58 35.3 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV014004.D (-328) (-)

Ion 58.00 (57.70 to 58.70): VV014004.D (-328) (-)

6000

5000

4000

3000

2000

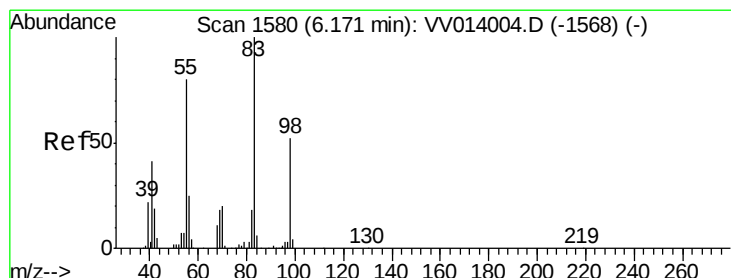
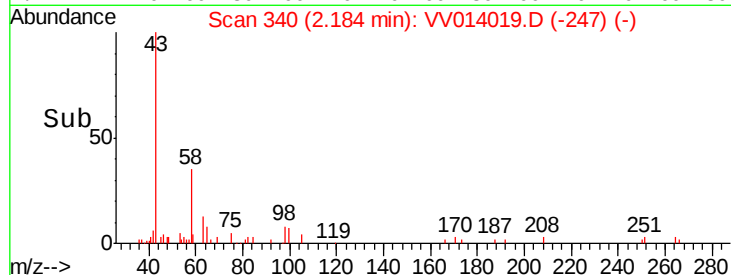
1000

0

2.15

2.20

Time-->



#35

Methylcyclohexane

Concen: 7.984 ug/L

RT: 6.11 min Scan# 1561

Delta R.T. -0.06 min

Lab File: VV014019.D

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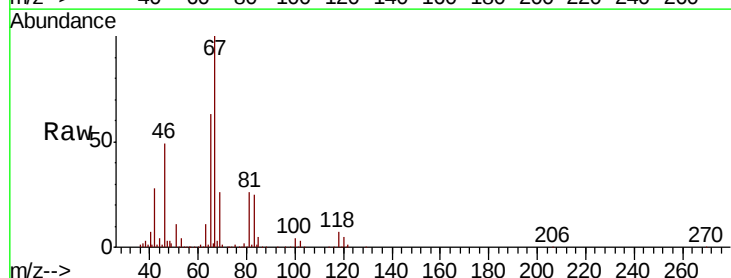
Tgt Ion: 83 Resp: 68760

Ion Ratio Lower Upper

83 100

55 0.5 61.0 91.4#

98 0.6 39.6 59.4#



Abundance Ion 83.00 (82.70 to 83.70): VV014004.D (-1568) (-)

Ion 55.00 (54.70 to 55.70): VV014004.D (-1568) (-)

Ion 98.00 (97.70 to 98.70): VV014004.D (-1568) (-)

50000

40000

30000

20000

10000

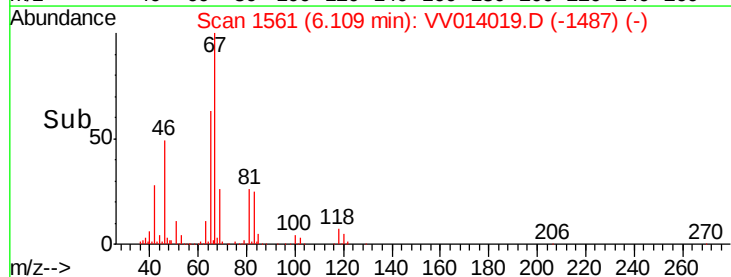
0

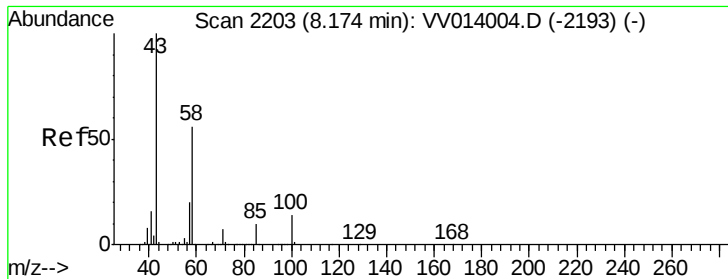
6.05

6.10

6.15

Time-->

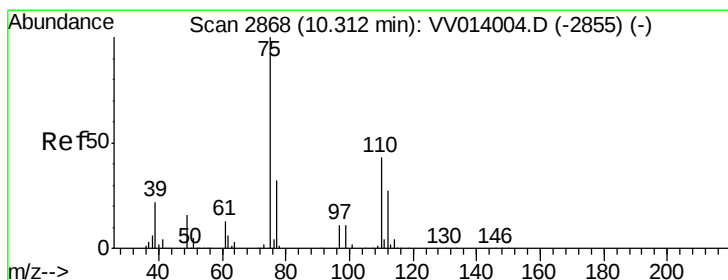
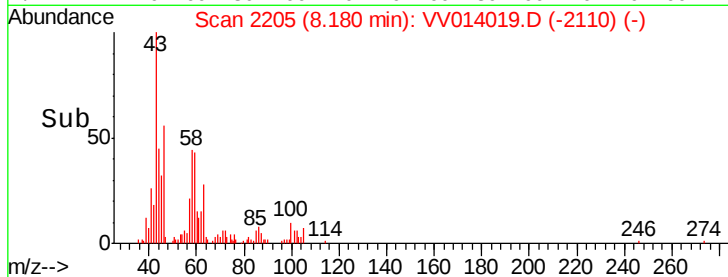
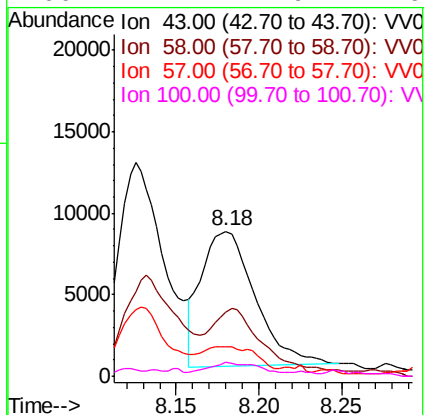
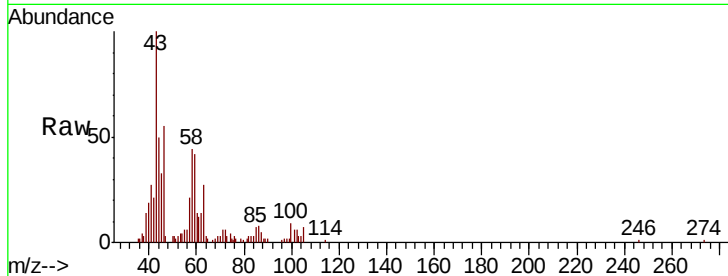




#48
2-Hexanone
Concen: 3.471 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. 0.01 min
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Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 18702
Ion Ratio Lower Upper
43 100
58 36.5 48.4 72.6#
57 0.4 16.6 24.8#
100 4.2 11.9 17.9#



#59
1,2,3-Trichloropropane
Concen: 3.640 ug/L
RT: 11.29 min Scan# 3172
Delta R.T. 0.98 min
Lab File: VV014019.D
Acq: 11 Dec 2019 18:43

Tgt Ion: 75 Resp: 25513
Ion Ratio Lower Upper
75 100
77 37.2 25.8 38.8

