

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021220\
 Data File : VV014576.D
 Acq On : 12 Feb 2020 16:51
 Operator : SY/MD
 Sample : L1489-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFRE7

Quant Time: Feb 13 06:39:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 13 05:55:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	295966	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	276479	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	136230	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54110	47.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.22%
7) Chloroethane-d5	1.58	69	38441	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.18%
11) 1,1-Dichloroethene-d2	2.13	63	69695	36.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.50%
21) 2-Butanone-d5	3.92	46	92138	97.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.76%
24) Chloroform-d	4.40	84	163581	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.70%
26) 1,2-Dichloroethane-d4	5.08	65	105111	51.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.24%
32) Benzene-d6	5.10	84	334881	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.30%
36) 1,2-Dichloropropane-d6	6.11	67	101261	50.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.70%
41) Toluene-d8	7.36	98	314891	49.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	7.66	79	53253	48.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.98%
47) 2-Hexanone-d5	8.13	63	71719	90.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.12%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	136188	50.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.78%
64) 1,2-Dichlorobenzene-d4	11.67	152	120722	50.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.32%

Target Compounds

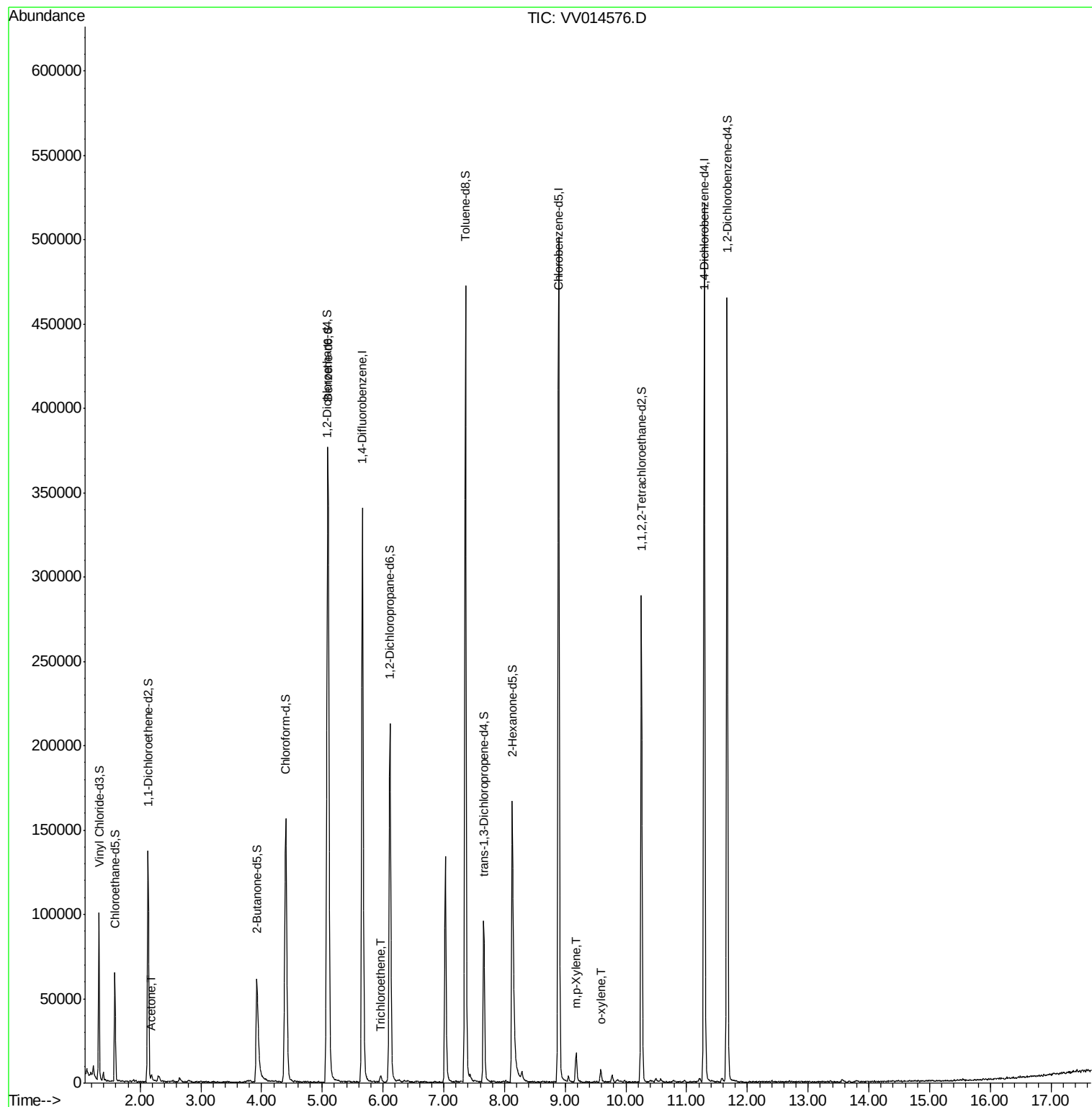
					Ovalue
13) Acetone	2.18	43	2796	3.458 ug/L	95
34) Trichloroethene	5.96	95	1246	0.636 ug/L	94
53) m,p-Xylene	9.18	106	5571	1.589 ug/L	82
54) o-xylene	9.59	106	1871	0.558 ug/L	89

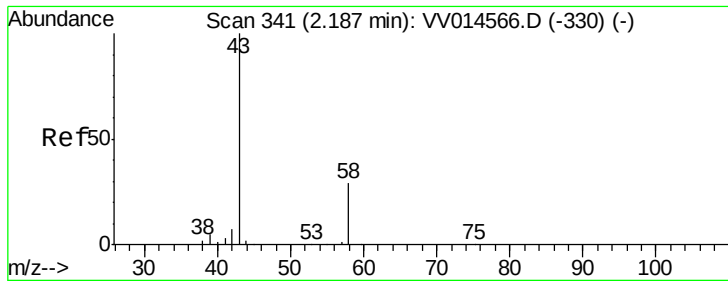
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV021220\
Data File : VV014576.D
Acq On : 12 Feb 2020 16:51
Operator : SY/MD
Sample : L1489-11
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFRE7

Quant Time: Feb 13 06:39:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 13 05:55:11 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.458 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV014576.D

Acq: 12 Feb 2020 16:51

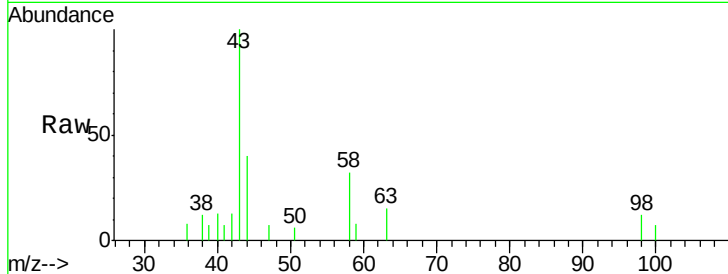
Instrument :
MSVOA_V
ClientSampleId :
BFRE7

Tot Ion: 43 Resp: 2796

Ion Ratio Lower Upper

43 100

58 32.3 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV014576.D (-248) (-)

Ion 58.00 (57.70 to 58.70): VV014576.D (-248) (-)

2.18

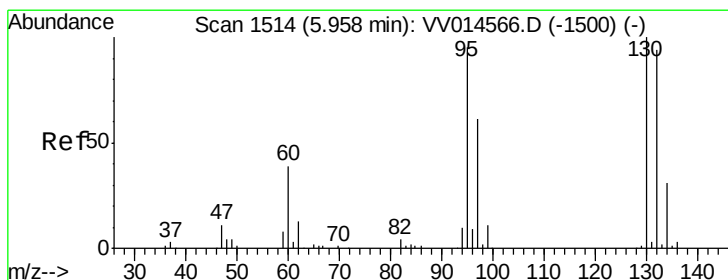
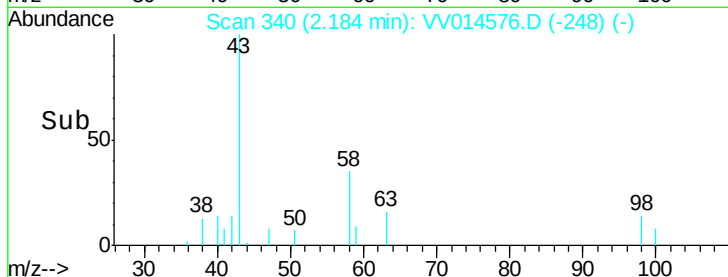
1500

1000

500

0

Time-->



#34

Trichloroethene

Concen: 0.636 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV014576.D

Acq: 12 Feb 2020 16:51

Tgt Ion: 95 Resp: 1246

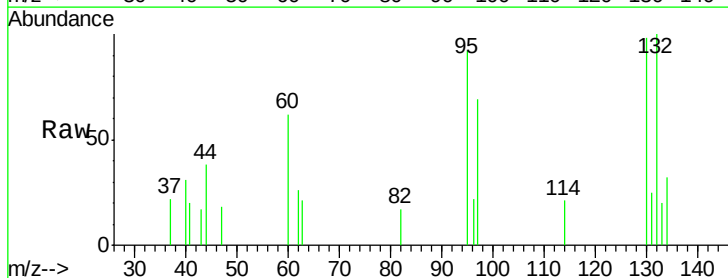
Ion Ratio Lower Upper

95 100

97 74.5 45.3 84.1

132 108.1 69.6 129.2

130 106.1 74.0 137.4



Abundance Ion 95.00 (94.70 to 95.70): VV014576.D (-1421) (-)

Ion 97.00 (96.70 to 97.70): VV014576.D (-1421) (-)

Ion 132.00 (131.70 to 132.70): VV014576.D (-1421) (-)

Ion 130.00 (129.70 to 130.70): VV014576.D (-1421) (-)

5.96

1000

800

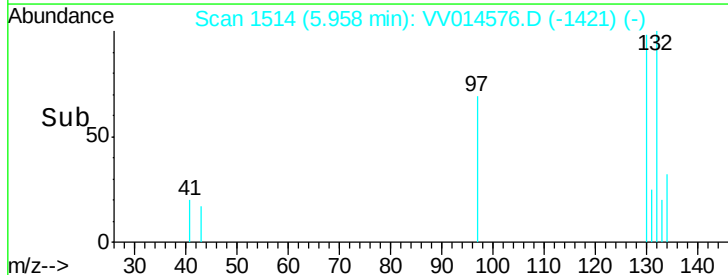
600

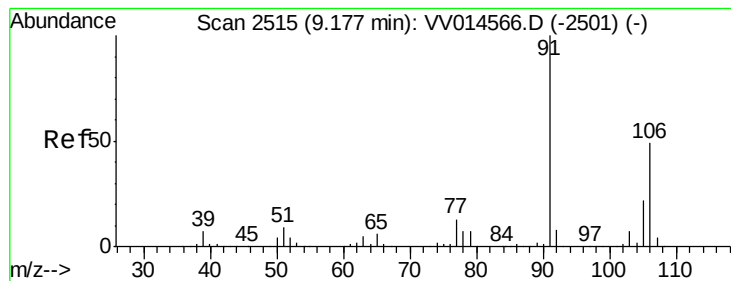
400

200

0

Time-->





#53

m,p-Xylene

Concen: 1.589 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV014576.D

Acq: 12 Feb 2020 16:51

Instrument :

MSVOA_V

ClientSampleID :

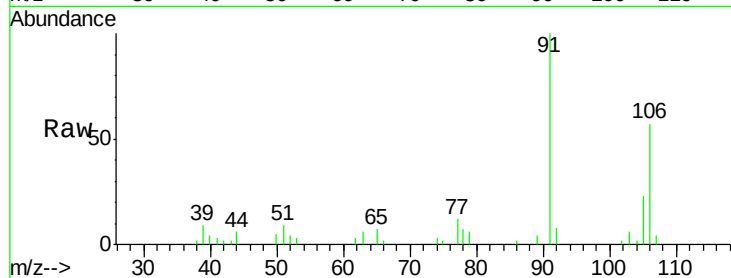
BFRE7

Tot Ion:106 Resp: 5571

Ion Ratio Lower Upper

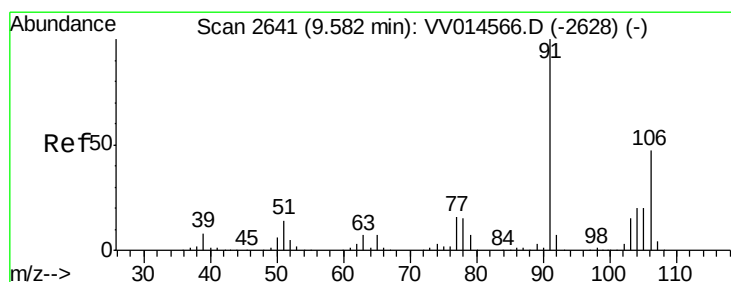
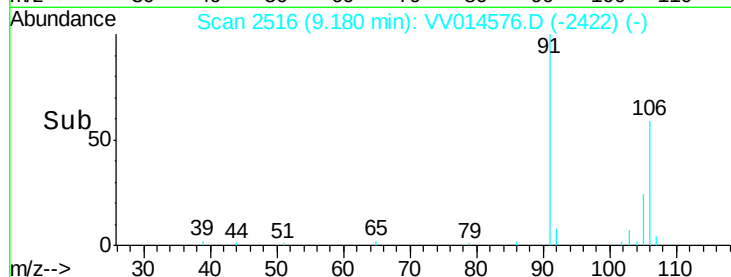
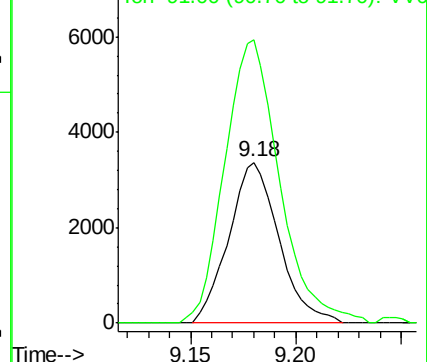
106 100

91 176.0 142.4 264.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 0.558 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

Lab File: VV014576.D

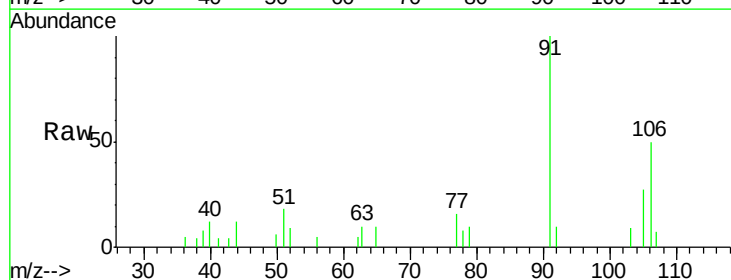
Acq: 12 Feb 2020 16:51

Tgt Ion:106 Resp: 1871

Ion Ratio Lower Upper

106 100

91 198.2 150.5 279.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

