

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021220\
 Data File : VV014572.D
 Acq On : 12 Feb 2020 15:17
 Operator : SY/MD
 Sample : L1489-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFRE3

Quant Time: Feb 13 06:28:25 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	326690	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	307403	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	151925	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57794	46.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.14%
7) Chloroethane-d5	1.59	69	42522	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.38%
11) 1,1-Dichloroethene-d2	2.13	63	74659	35.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.32%
21) 2-Butanone-d5	3.92	46	96785	93.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.03%
24) Chloroform-d	4.40	84	172529	47.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.30%
26) 1,2-Dichloroethane-d4	5.08	65	110376	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.26%
32) Benzene-d6	5.10	84	360384	49.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.04%
36) 1,2-Dichloropropane-d6	6.11	67	107857	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.42%
41) Toluene-d8	7.36	98	336132	47.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.06%
43) trans-1,3-Dichloropropene-	7.66	79	57890	47.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.82%
47) 2-Hexanone-d5	8.13	63	76492	86.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.45%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	143793	47.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.70%
64) 1,2-Dichlorobenzene-d4	11.67	152	130843	48.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.50%

Target Compounds

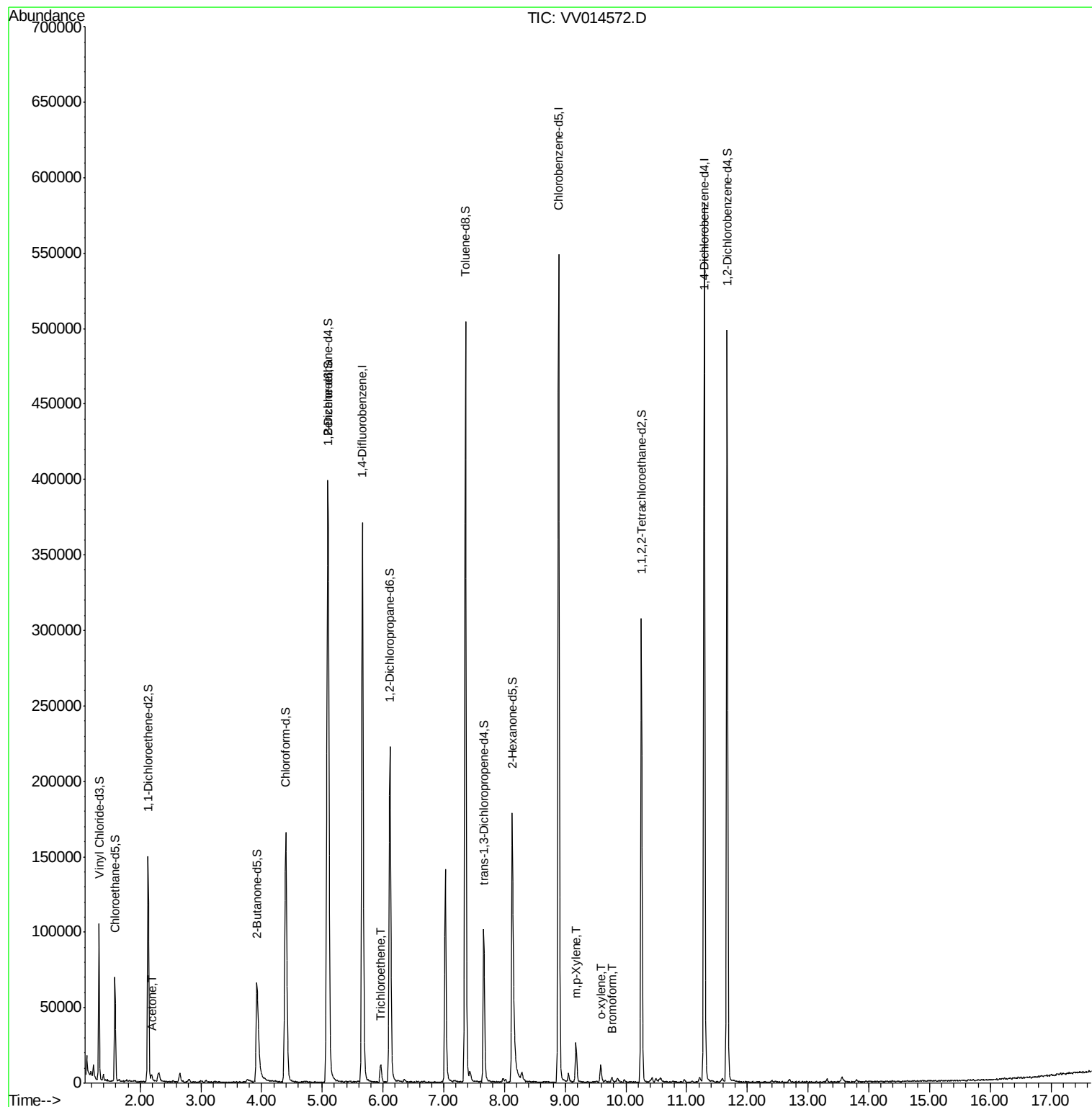
					Ovalue
13) Acetone	2.19	43	4449	4.985 ug/L	98
34) Trichloroethene	5.96	95	4441	2.039 ug/L	79
53) m,p-Xylene	9.18	106	7575	1.943 ug/L	98
54) o-xylene	9.58	106	2968	0.797 ug/L	97
61) Bromoform	9.77	173	1419	0.863 ug/L #	88

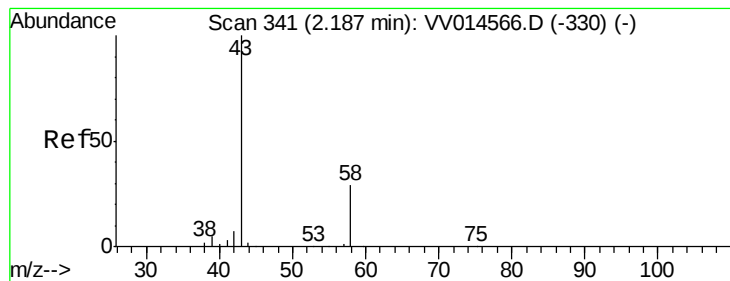
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.985 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV014572.D

Acq: 12 Feb 2020 15:17

Instrument :

MSVOA_V

ClientSampled :

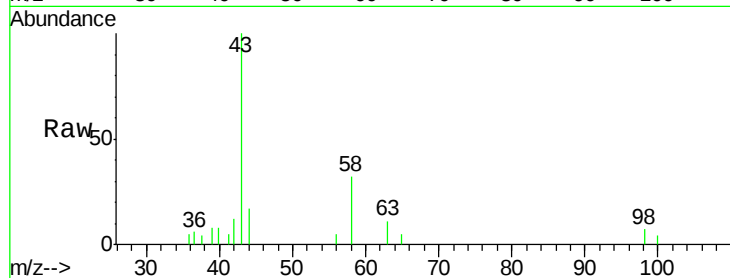
BFRE3

Tot Ion: 43 Resp: 4449

Ion Ratio Lower Upper

43 100

58 28.3 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV014566.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV014566.D (-330) (-)

2500

2000

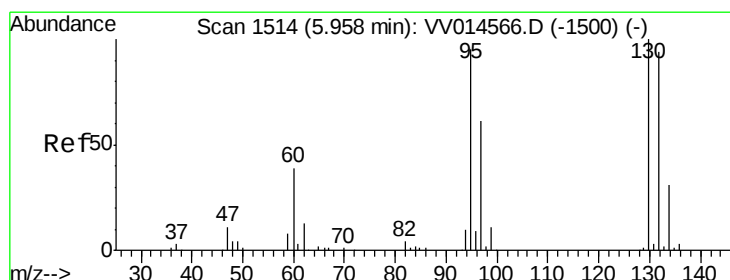
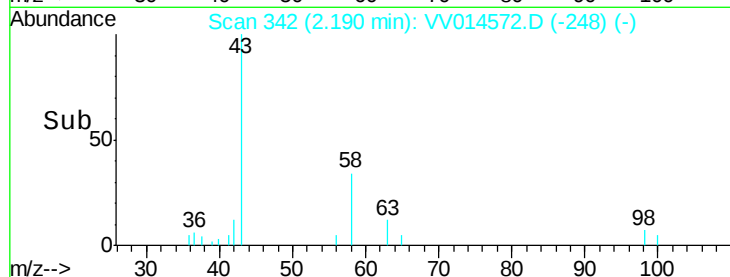
1500

1000

500

0

Time-->



#34

Trichloroethene

Concen: 2.039 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV014572.D

Acq: 12 Feb 2020 15:17

Tgt Ion: 95 Resp: 4441

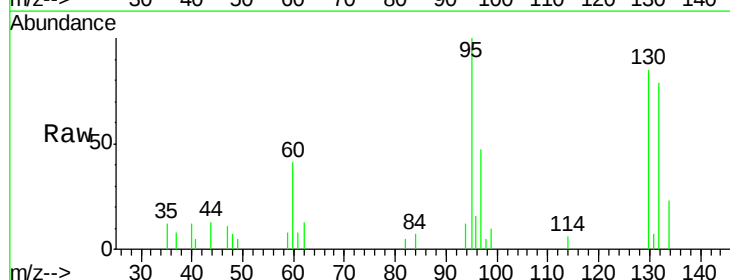
Ion Ratio Lower Upper

95 100

97 47.3 45.3 84.1

132 79.4 69.6 129.2

130 84.7 74.0 137.4



Abundance Ion 95.00 (94.70 to 95.70): VV014566.D (-1500) (-)

Ion 97.00 (96.70 to 97.70): VV014566.D (-1500) (-)

Ion 132.00 (131.70 to 132.70): VV014566.D (-1500) (-)

Ion 130.00 (129.70 to 130.70): VV014566.D (-1500) (-)

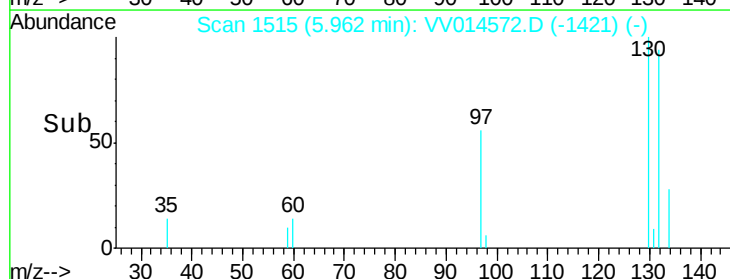
3000

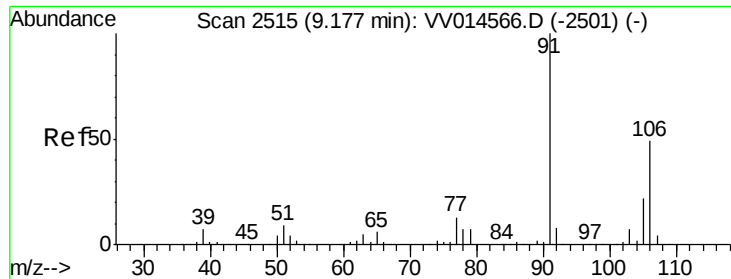
2000

1000

0

Time-->





#53

m,p-Xylene

Concen: 1.943 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV014572.D

Acq: 12 Feb 2020 15:17

Instrument :

MSVOA_V

ClientSampled :

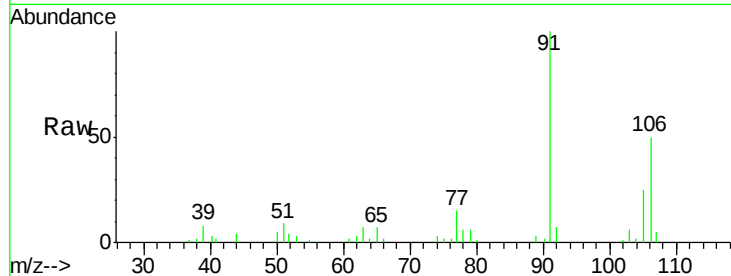
BFRE3

Tot Ion:106 Resp: 7575

Ion Ratio Lower Upper

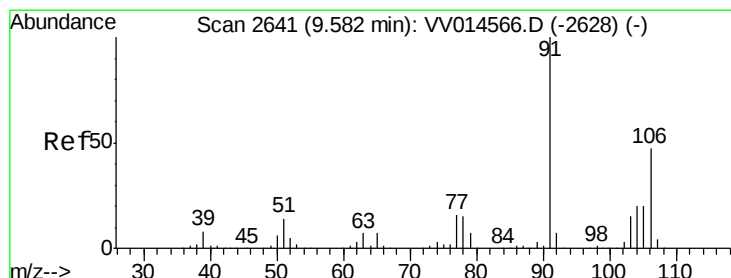
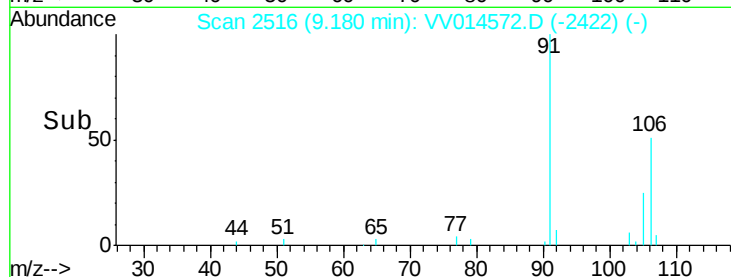
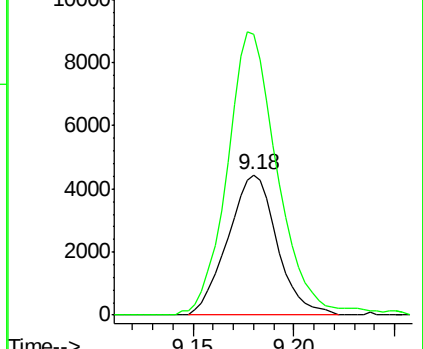
106 100

91 200.5 142.4 264.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 0.797 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. -0.00 min

Lab File: VV014572.D

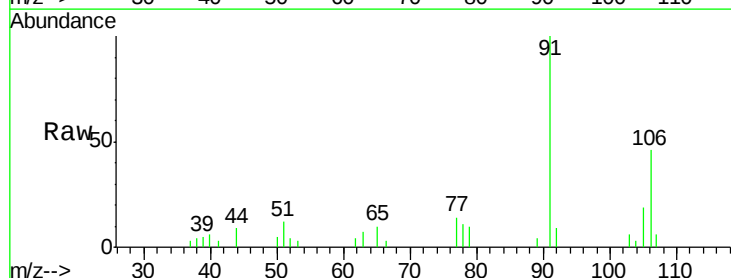
Acq: 12 Feb 2020 15:17

Tgt Ion:106 Resp: 2968

Ion Ratio Lower Upper

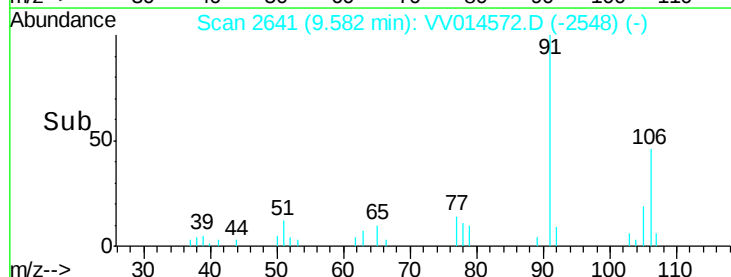
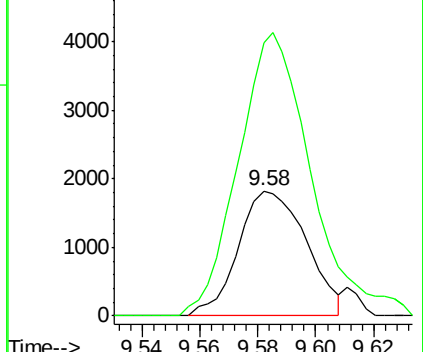
106 100

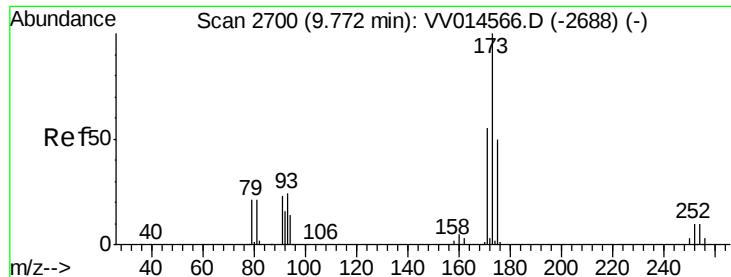
91 219.5 150.5 279.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#61

Bromoform

Concen: 0.863 ug/L

RT: 9.77 min Scan# 2700

Delta R.T. -0.00 min

Lab File: VV014572.D

Acq: 12 Feb 2020 15:17

Instrument :
MSVOA_V
ClientSampleId :
BFRE3

Tot Ion:173 Resp: 1419

Ion Ratio Lower Upper

173 100

175 42.6 39.3 58.9

254 0.0 7.1 10.7#

