

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021120\
 Data File : VV014560.D
 Acq On : 11 Feb 2020 17:41
 Operator : SY/MD
 Sample : L1489-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFRE1

Quant Time: Feb 12 08:57:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 12 03:16:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	284475	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	264616	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	131162	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54136	34.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.54%
7) Chloroethane-d5	1.58	69	41716	42.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.94%
11) 1,1-Dichloroethene-d2	2.13	63	72082	34.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.36%
21) 2-Butanone-d5	3.92	46	113222	106.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.51%
24) Chloroform-d	4.40	84	172056	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.92%
26) 1,2-Dichloroethane-d4	5.08	65	112576	55.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.78%
32) Benzene-d6	5.10	84	356074	51.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.11	67	110252	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.02%
41) Toluene-d8	7.36	98	334446	52.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.00%
43) trans-1,3-Dichloropropene-	7.66	79	58552	52.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.52%
47) 2-Hexanone-d5	8.13	63	92600	107.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.37%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	152472	53.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.36%
64) 1,2-Dichlorobenzene-d4	11.67	152	132412	54.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.62%

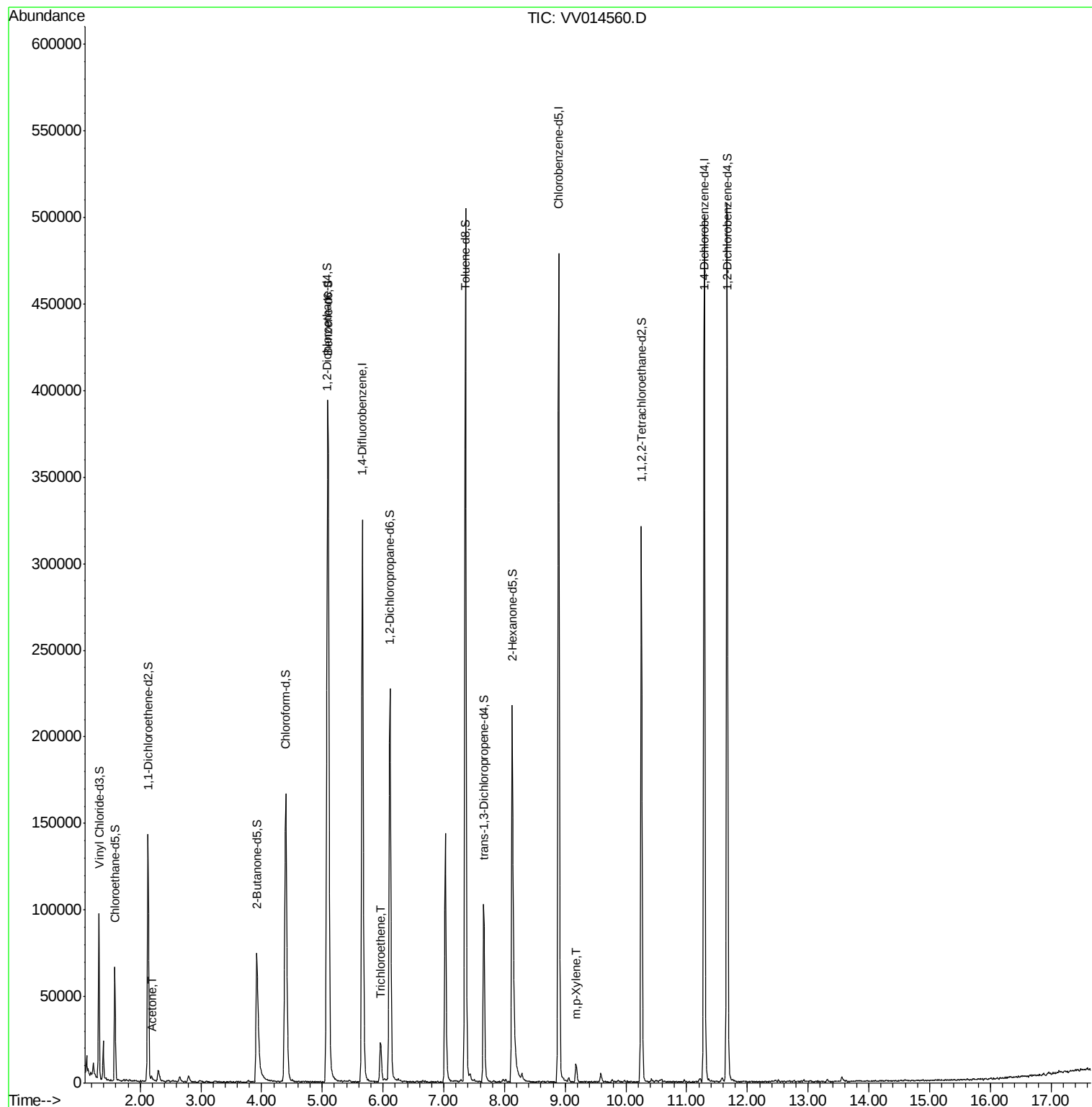
Target Compounds					Ovalue
13) Acetone	2.19	43	1744	1.923 ug/L	86
34) Trichloroethene	5.96	95	8017	4.065 ug/L	92
53) m,p-Xylene	9.18	106	3397	0.992 ug/L	94

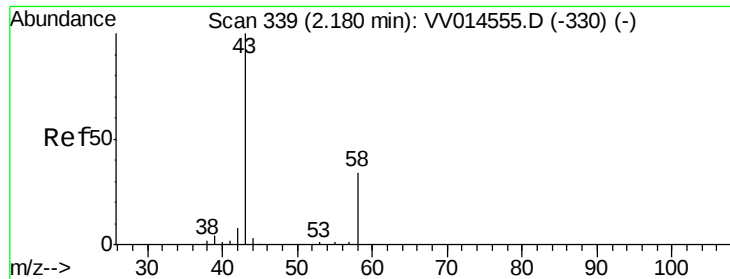
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.923 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

Lab File: VV014560.D

Acq: 11 Feb 2020 17:41

Instrument :

MSVOA_V

ClientSampleId :

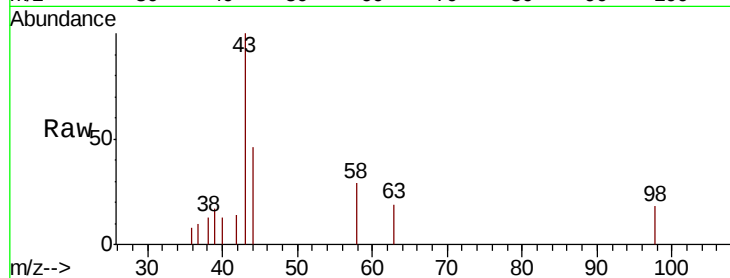
BFRE1

Tot Ion: 43 Resp: 1744

Ion Ratio Lower Upper

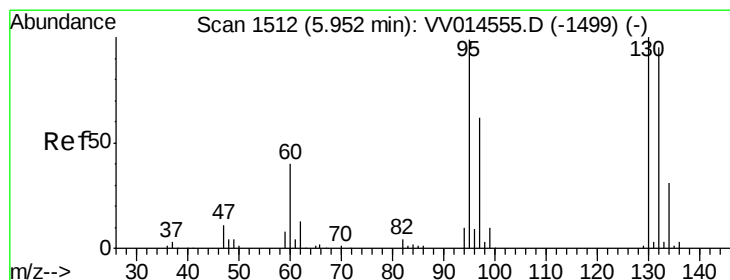
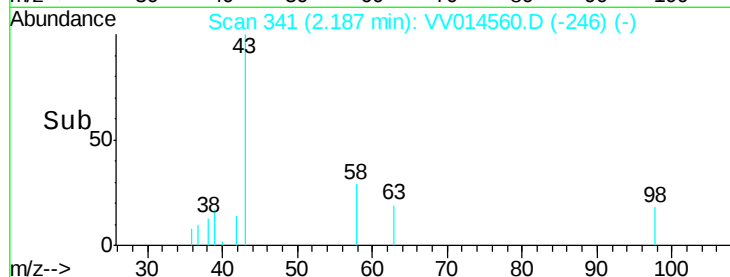
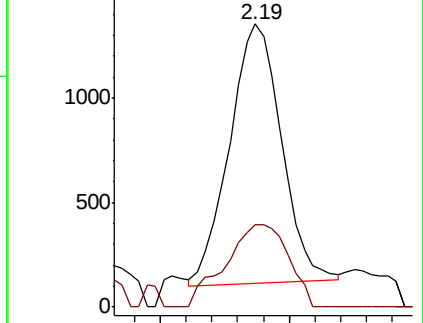
43 100

58 38.4 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VV014555.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV014555.D (-330) (-)



#34

Trichloroethene

Concen: 4.065 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.01 min

Lab File: VV014560.D

Acq: 11 Feb 2020 17:41

Tgt Ion: 95 Resp: 8017

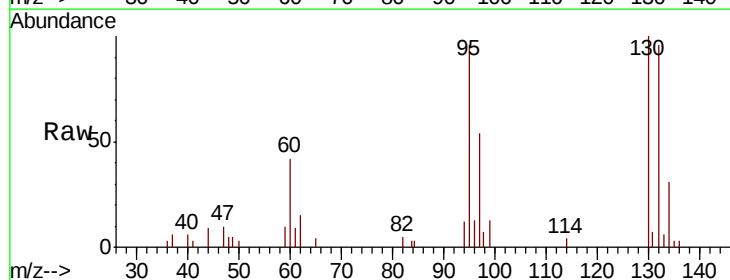
Ion Ratio Lower Upper

95 100

97 63.5 44.7 83.1

132 99.9 65.4 121.4

130 111.4 67.7 125.7

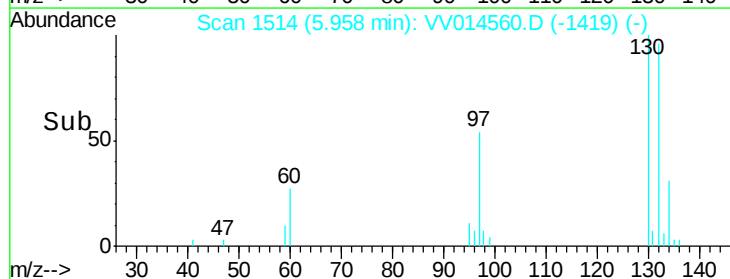
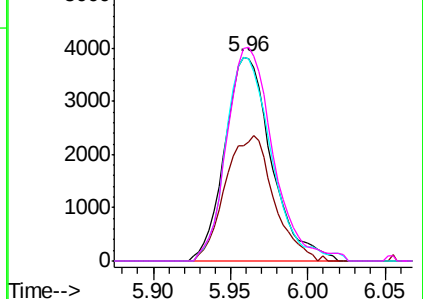


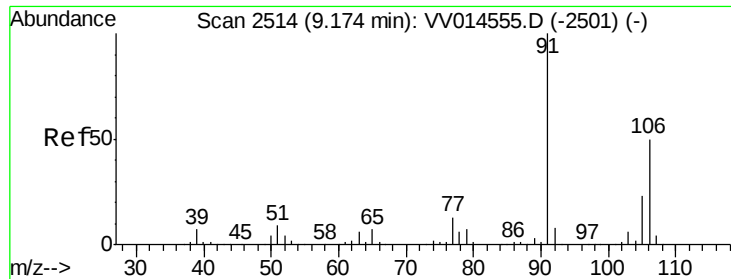
Abundance Ion 95.00 (94.70 to 95.70): VV014555.D (-1499) (-)

Ion 97.00 (96.70 to 97.70): VV014555.D (-1499) (-)

Ion 132.00 (131.70 to 132.70): VV014555.D (-1499) (-)

Ion 130.00 (129.70 to 130.70): VV014555.D (-1499) (-)





#53

m,p-Xylene

Concen: 0.992 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.01 min

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Tot Ion:106 Resp: 3397

Ion Ratio Lower Upper

106 100

91 210.1 140.9 261.7

