

Data File : VV014574.D
Acq On : 12 Feb 2020 16:04
Operator : SY/MD
Sample : L1489-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFRE5

Quant Time: Feb 13 05:58:42 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	317462	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	299104	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	144953	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55138	45.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.46%
7) Chloroethane-d5	1.59	69	39842	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.94%
11) 1,1-Dichloroethene-d2	2.13	63	70517	34.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.32%
21) 2-Butanone-d5	3.92	46	93694	92.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.68%
24) Chloroform-d	4.40	84	166268	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.52%
26) 1,2-Dichloroethane-d4	5.08	65	107211	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.22%
32) Benzene-d6	5.10	84	349588	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.74%
36) 1,2-Dichloropropane-d6	6.11	67	103457	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.04%
41) Toluene-d8	7.36	98	326623	47.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.92%
43) trans-1,3-Dichloropropene-	7.66	79	56965	47.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.90%
47) 2-Hexanone-d5	8.13	63	73870	85.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.80%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	140063	47.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	125031	48.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.64%

Target Compounds

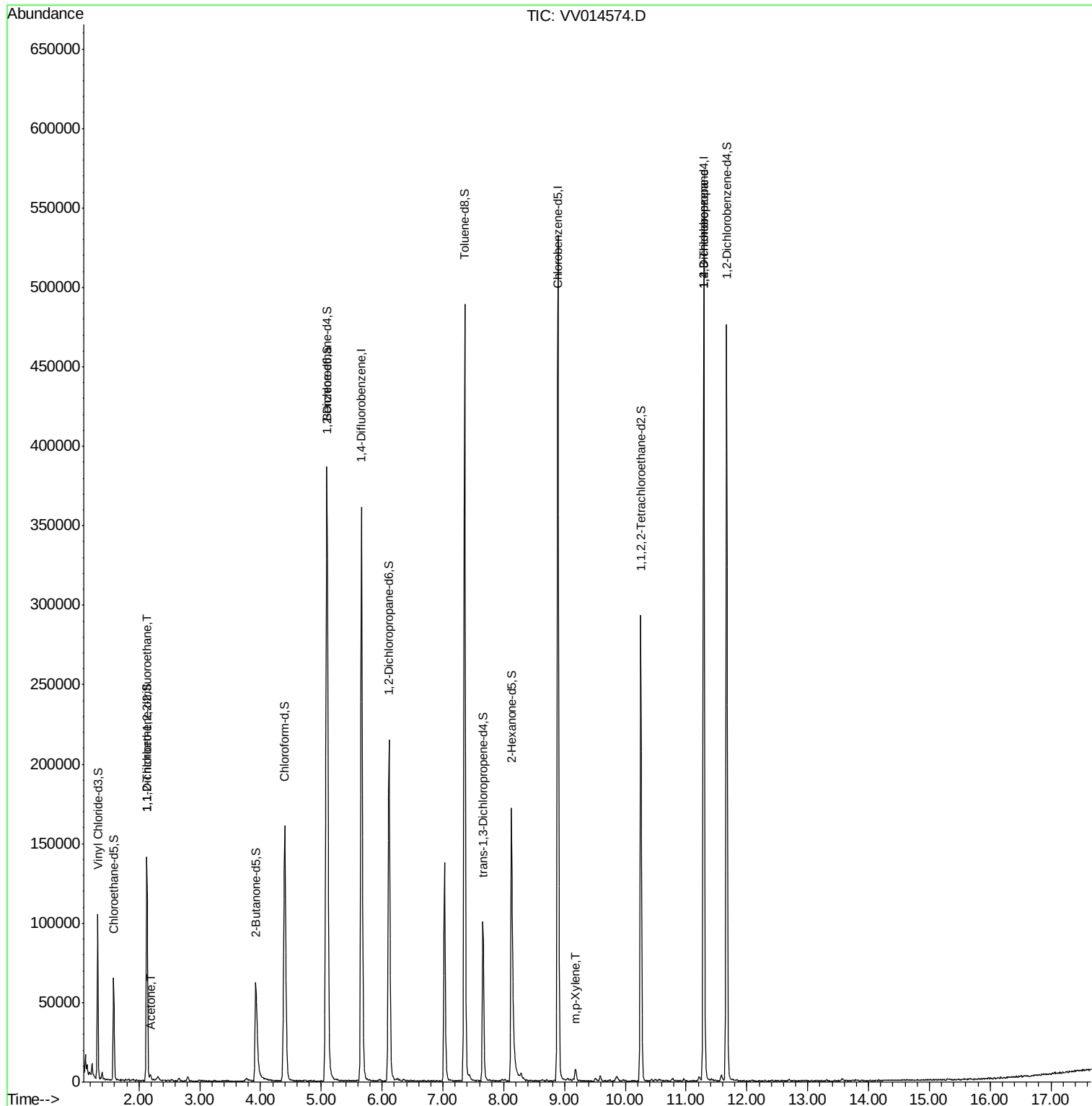
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	900	0.859 ug/L	# 26
13) Acetone	2.19	43	3442	3.968 ug/L	97
53) m,p-Xylene	9.18	106	2148	0.566 ug/L	86
59) 1,2,3-Trichloropropane	11.29	75	16548	6.631 ug/L	89

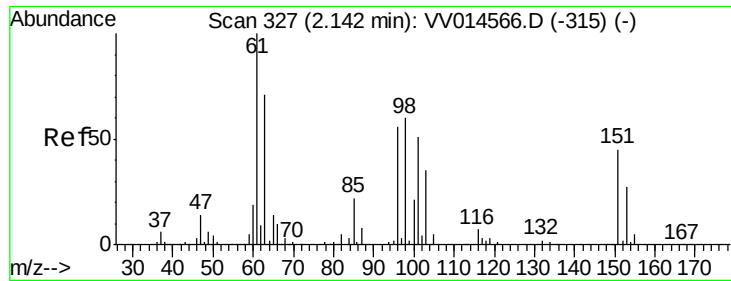
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.859 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

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Acq: 12 Feb 2020 16:04

Instrument :

MSVOA_V

ClientSampled :

BFRE5

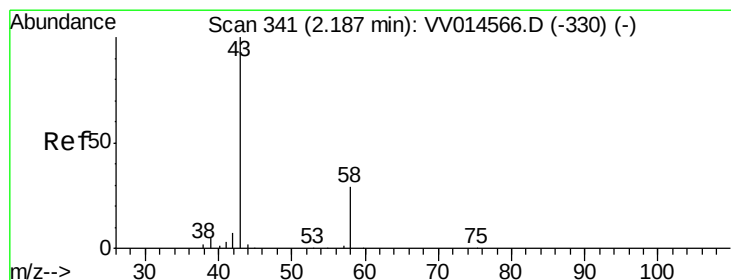
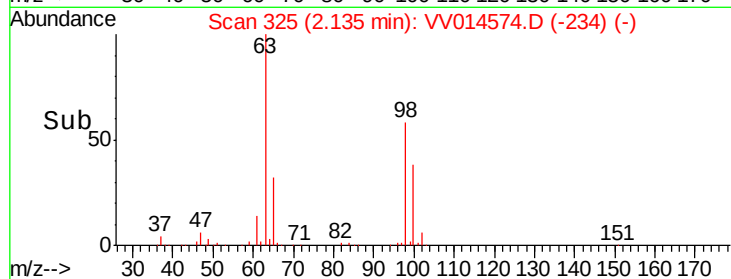
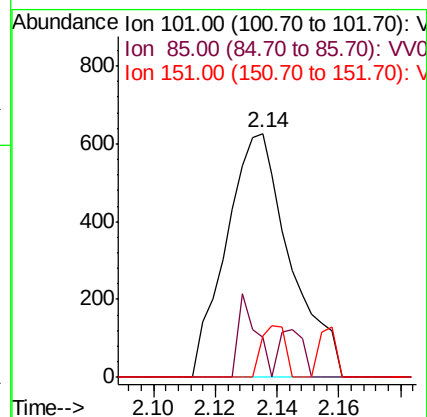
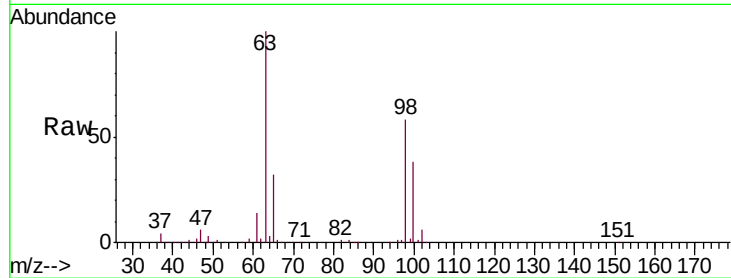
Tgt Ion: 101 Resp: 900

Ion Ratio Lower Upper

101 100

85 7.2 35.4 53.0#

151 7.8 65.4 98.2#



#13

Acetone

Concen: 3.968 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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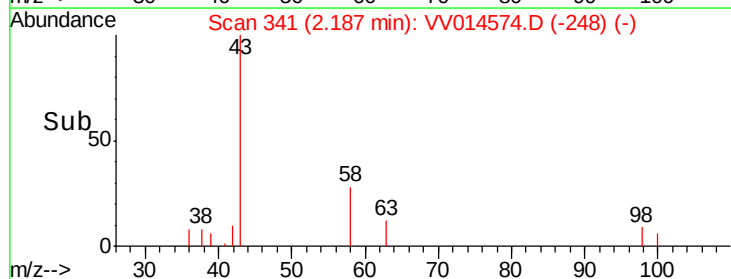
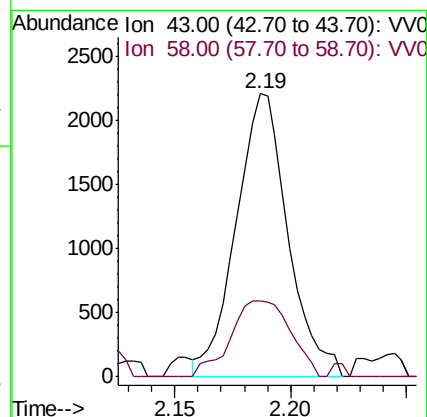
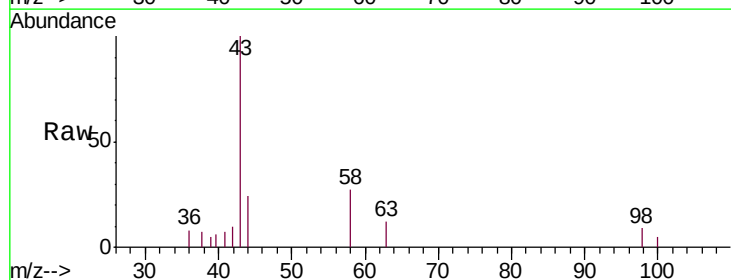
Acq: 12 Feb 2020 16:04

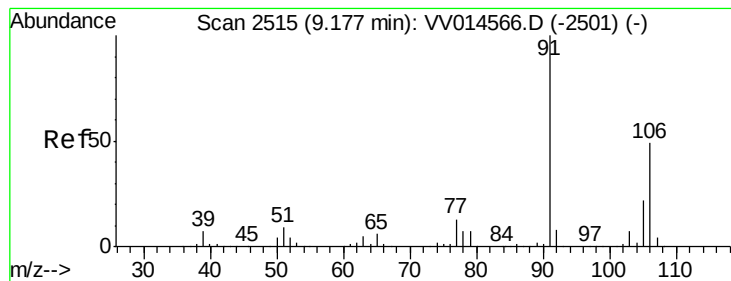
Tgt Ion: 43 Resp: 3442

Ion Ratio Lower Upper

43 100

58 31.3 0.0 58.8





#53

m,p-Xylene

Concen: 0.566 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.01 min

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Acq: 12 Feb 2020 16:04

Instrument :

MSVOA_V

ClientSampleID :

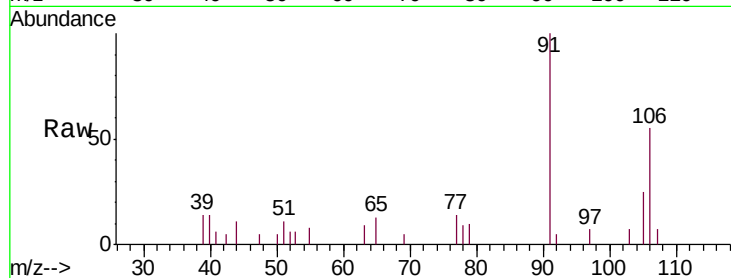
BFRE5

Tgt Ion:106 Resp: 2148

Ion Ratio Lower Upper

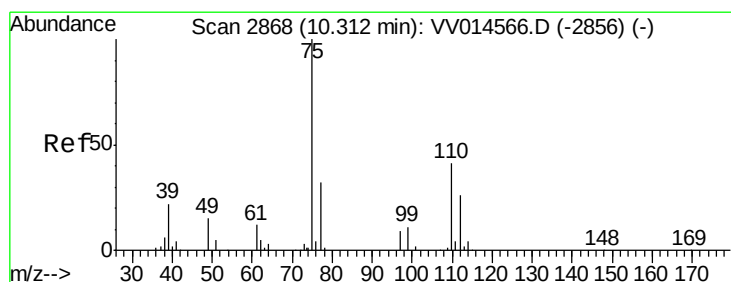
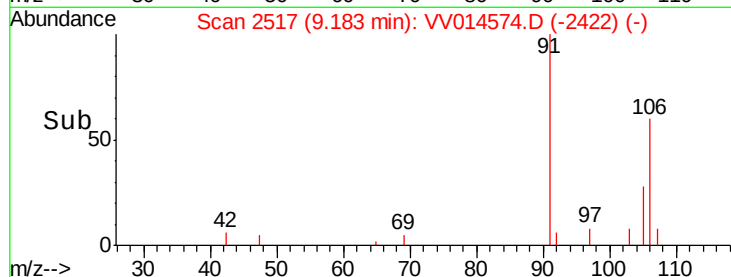
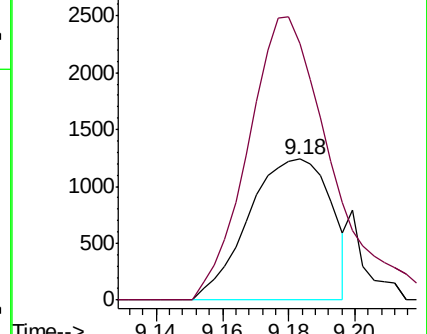
106 100

91 182.3 142.4 264.4



Abundance Ion 106.00 (105.70 to 106.70): VV014566.D (-2501) (-)

Ion 91.00 (90.70 to 91.70): VV014566.D (-2501) (-)



#59

1,2,3-Trichloropropane

Concen: 6.631 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.98 min

Lab File: VV014574.D

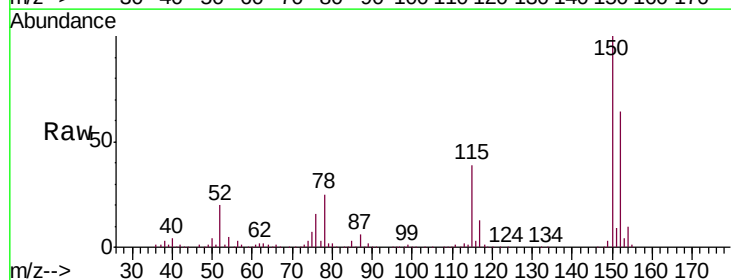
Acq: 12 Feb 2020 16:04

Tgt Ion: 75 Resp: 16548

Ion Ratio Lower Upper

75 100

77 38.7 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV014566.D (-2856) (-)

Ion 77.00 (76.70 to 77.70): VV014566.D (-2856) (-)

