

Data File : VV014582.D
Acq On : 13 Feb 2020 12:29
Operator : SY/MD
Sample : L1489-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFRE9

Quant Time: Feb 20 06:58:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 13 15:27:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	286256	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	266706	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	130286	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49294	44.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.68%
7) Chloroethane-d5	1.59	69	37526	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.08%
11) 1,1-Dichloroethene-d2	2.13	63	64978	35.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.84%
21) 2-Butanone-d5	3.92	46	84380	92.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.56%
24) Chloroform-d	4.40	84	153588	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.82%
26) 1,2-Dichloroethane-d4	5.08	65	99512	50.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.08%
32) Benzene-d6	5.10	84	318338	49.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.82%
36) 1,2-Dichloropropane-d6	6.11	67	95232	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.14%
41) Toluene-d8	7.36	98	298687	48.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.36%
43) trans-1,3-Dichloropropene-	7.66	79	51104	48.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.48%
47) 2-Hexanone-d5	8.13	63	66338	86.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.42%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	127802	49.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.04%
64) 1,2-Dichlorobenzene-d4	11.67	152	115861	50.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.66%

Target Compounds

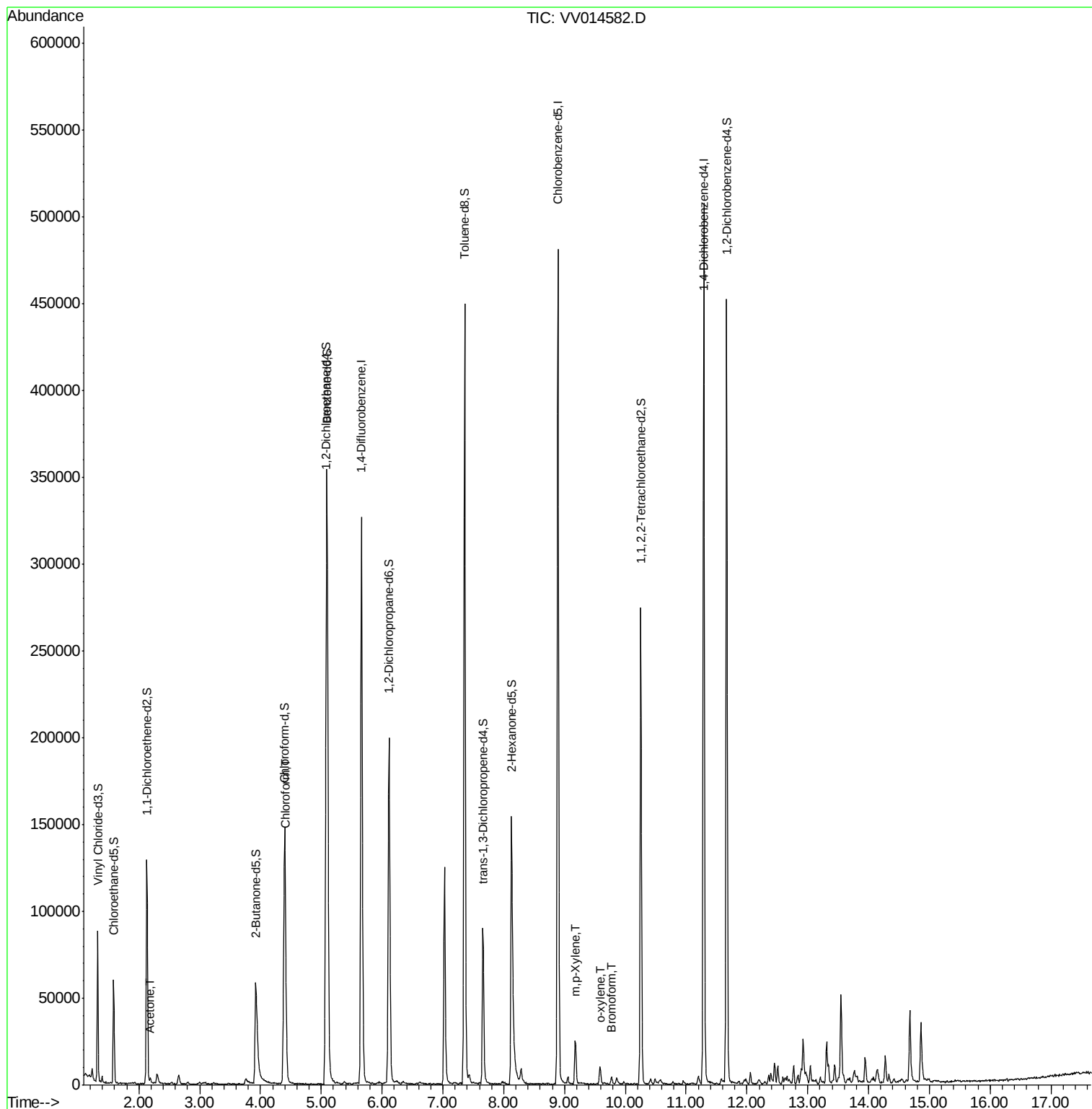
					Qvalue
13) Acetone	2.19	43	2779	3.553 ug/L	94
25) Chloroform	4.42	83	2579	0.768 ug/L	88
53) m,p-Xylene	9.18	106	7461	2.206 ug/L	98
54) o-xylene	9.59	106	2957	0.915 ug/L	100
61) Bromoform	9.77	173	1608	1.140 ug/L #	94

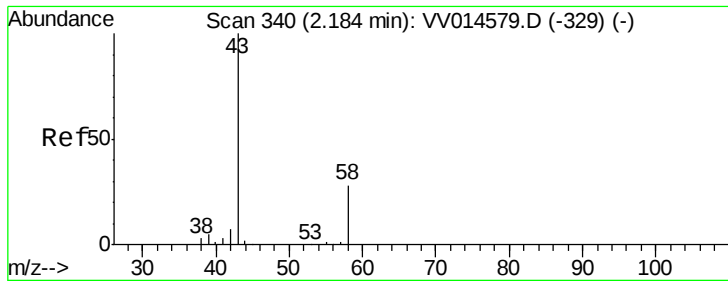
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.553 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

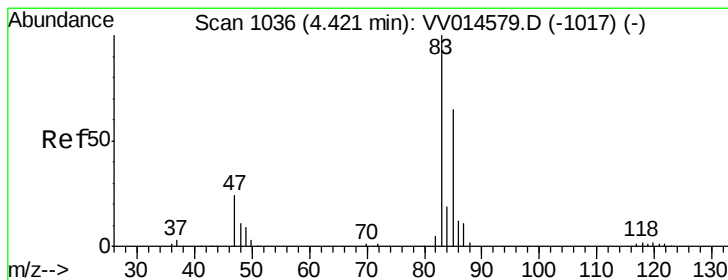
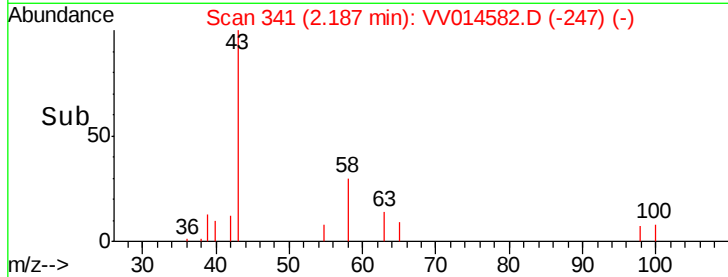
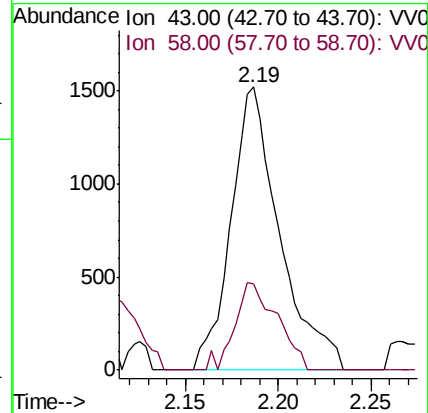
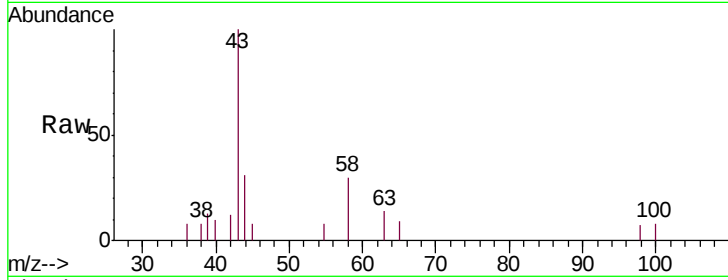
BFRE9

Tgt Ion: 43 Resp: 2779

Ion Ratio Lower Upper

43 100

58 26.2 0.0 58.8



#25

Chloroform

Concen: 0.768 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.00 min

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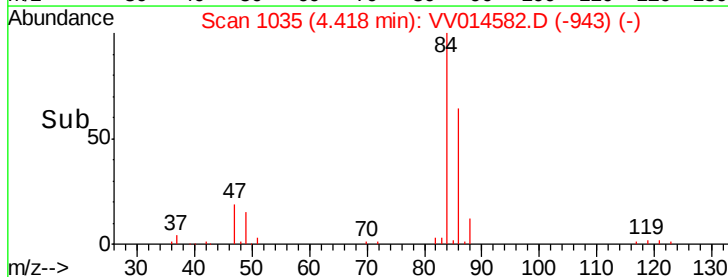
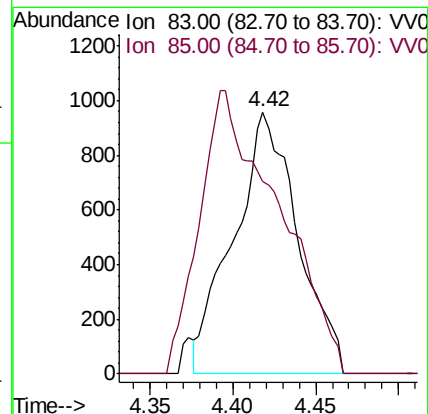
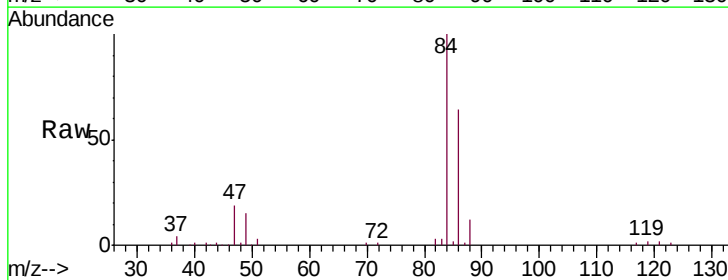
Acq: 13 Feb 2020 12:29

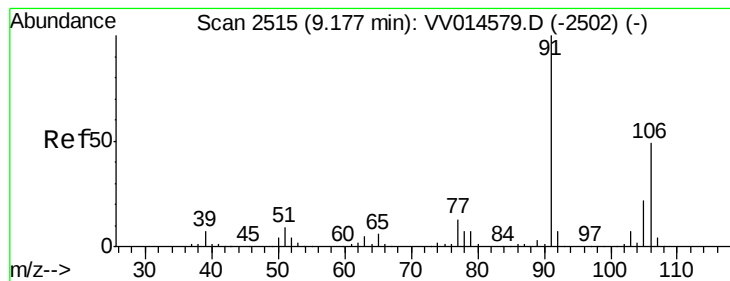
Tgt Ion: 83 Resp: 2579

Ion Ratio Lower Upper

83 100

85 73.7 45.0 83.6





#53

m,p-Xylene

Concen: 2.206 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

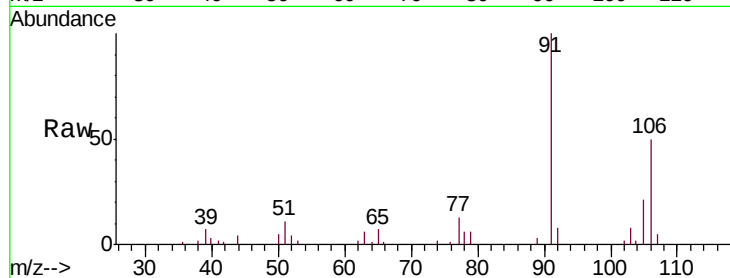
BFRE9

Tgt Ion:106 Resp: 7461

Ion Ratio Lower Upper

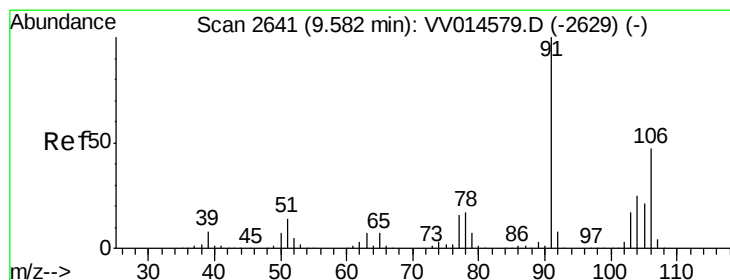
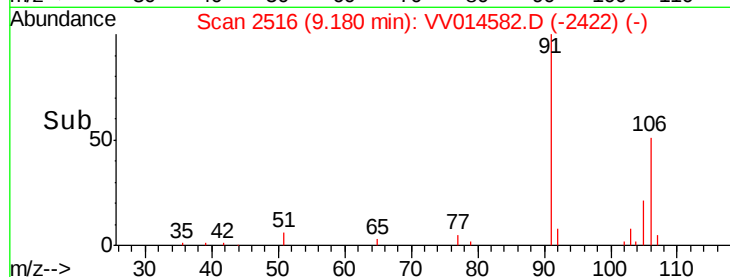
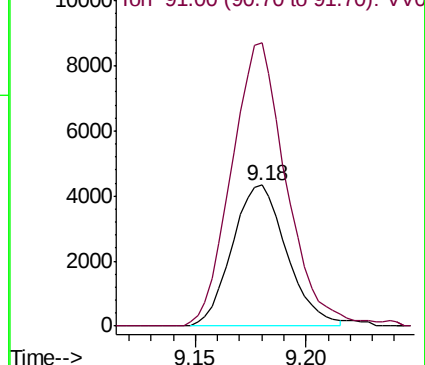
106 100

91 200.7 142.4 264.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 0.915 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

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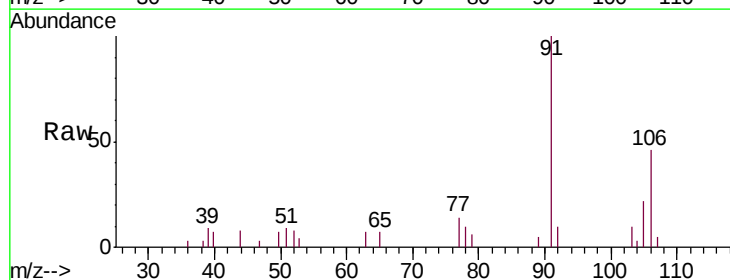
Acq: 13 Feb 2020 12:29

Tgt Ion:106 Resp: 2957

Ion Ratio Lower Upper

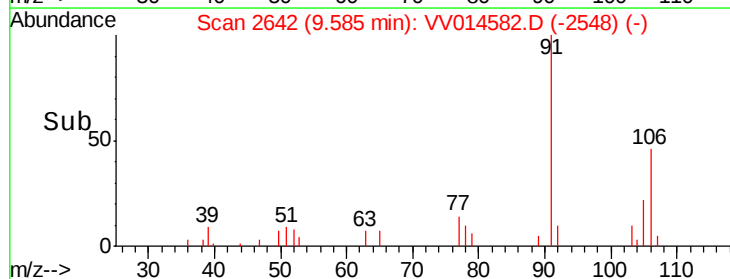
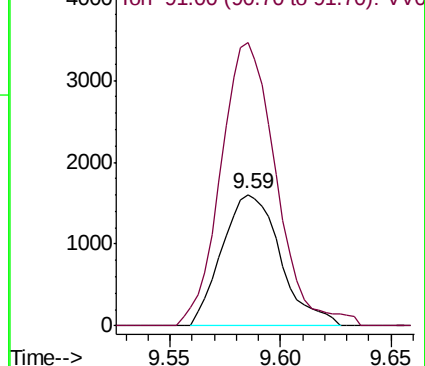
106 100

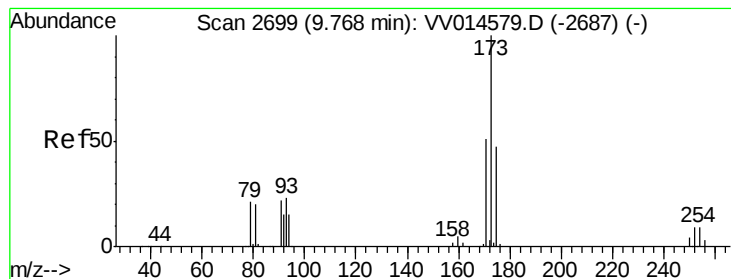
91 215.8 150.5 279.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#61

Bromoform

Concen: 1.140 ug/L

RT: 9.77 min Scan# 2700

Delta R.T. 0.00 min

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Acq: 13 Feb 2020 12:29

Instrument :
MSVOA_V
ClientSampleId :
BFRE9

Tgt Ion:173 Resp: 1608

Ion Ratio Lower Upper

173 100

175 45.8 39.3 58.9

254 4.1 7.1 10.7#

