

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012020\
 Data File : VV014356.D
 Acq On : 20 Jan 2020 14:43
 Operator : SY/MD
 Sample : L1169-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF780

Quant Time: Jan 20 15:33:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 17 22:51:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	723130	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	662580	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	306596	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	228559	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.58	69	191589	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.13	63	277515	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	3.95	46	567566	46.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.40%
24) Chloroform-d	4.40	84	472990	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.08	65	249142	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.09	84	1046527	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.11	67	328399	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.36	98	913411	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	7.66	79	127398	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.13	63	588196	51.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	228517	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	297651	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

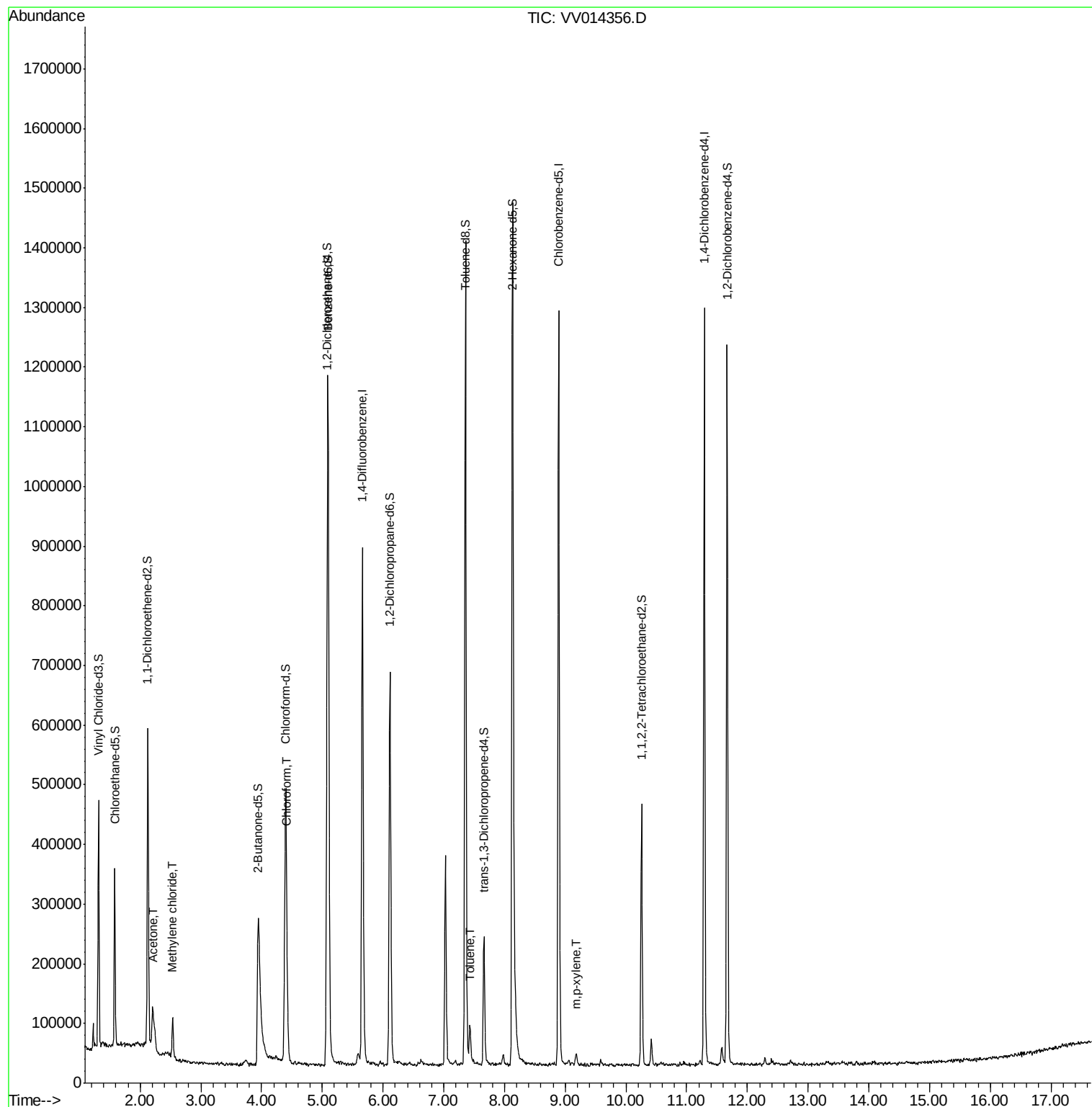
					Ovalue
13) Acetone	2.21	43	127599	15.245 ug/L	94
16) Methylene chloride	2.54	84	29046	0.552 ug/L	93
25) Chloroform	4.42	83	33664	0.369 ug/L	97
42) Toluene	7.43	91	44682	0.207 ug/L	92
53) m,p-xylene	9.18	106	6811	0.077 ug/L	99

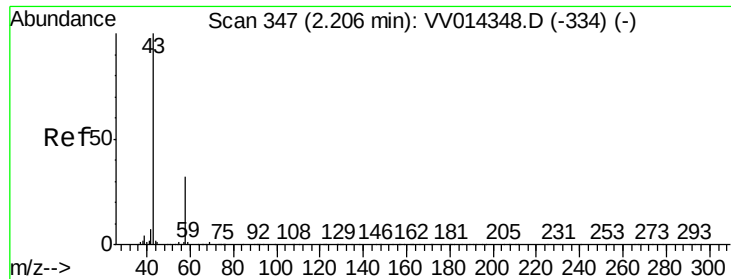
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 15.245 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.00 min

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ClientSampleId :

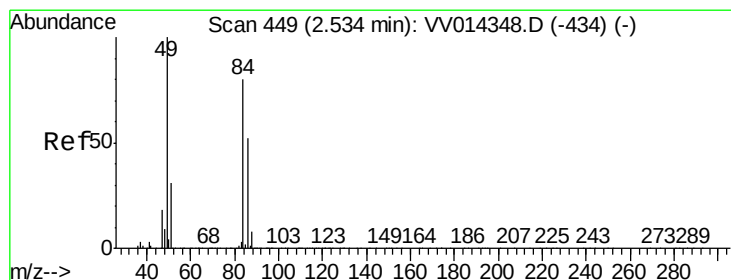
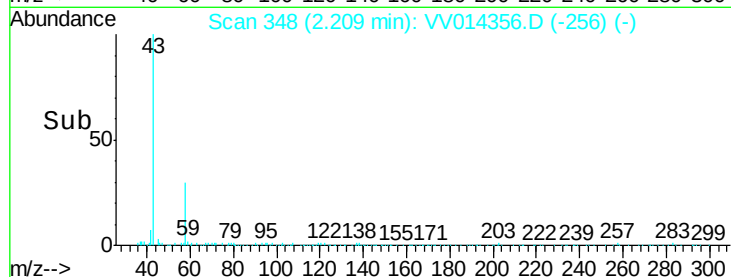
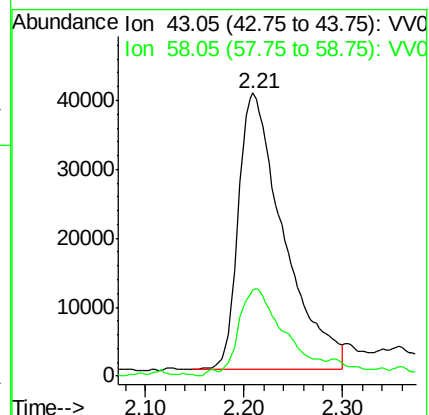
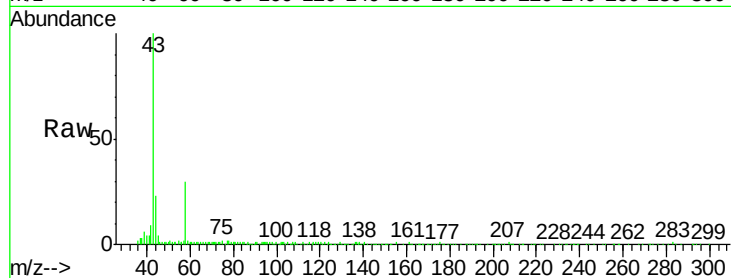
BF780

Tot Ion: 43 Resp: 127599

Ion Ratio Lower Upper

43 100

58 29.5 0.0 66.0



#16

Methylene chloride

Concen: 0.552 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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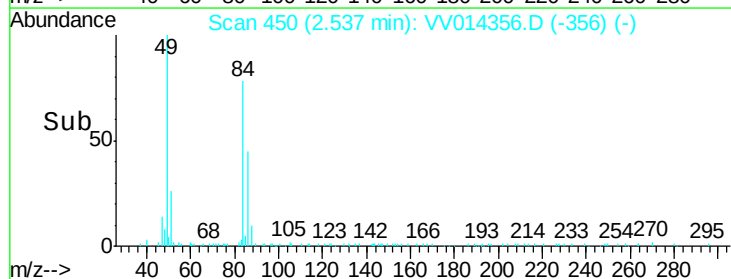
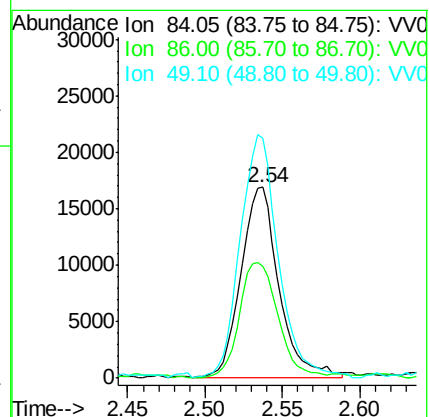
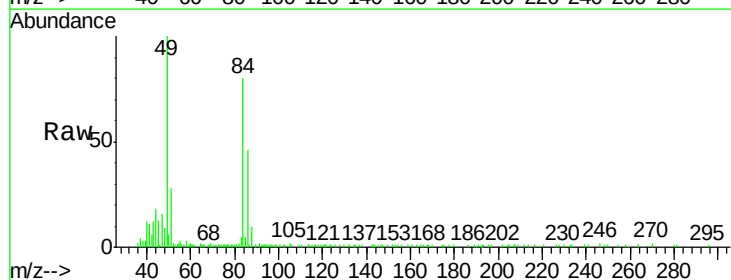
Tgt Ion: 84 Resp: 29046

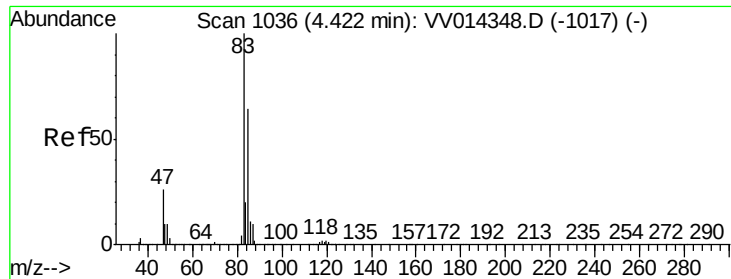
Ion Ratio Lower Upper

84 100

86 58.2 43.1 80.1

49 125.8 82.1 152.5





#25

Chloroform

Concen: 0.369 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

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Acq: 20 Jan 2020 14:43

Instrument :

MSVOA_V

ClientSampleId :

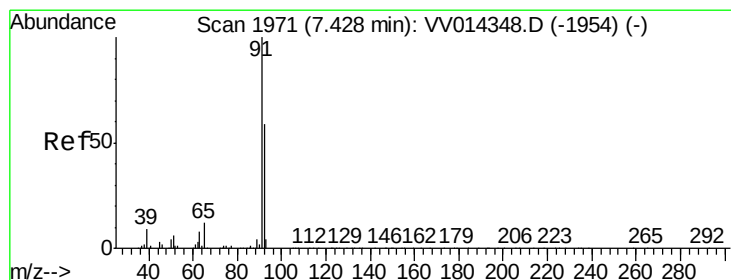
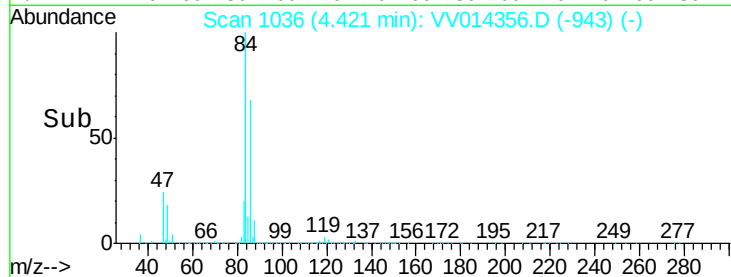
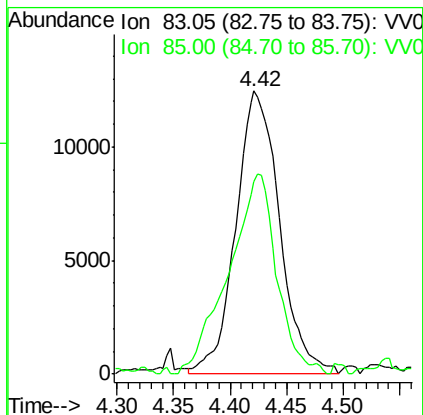
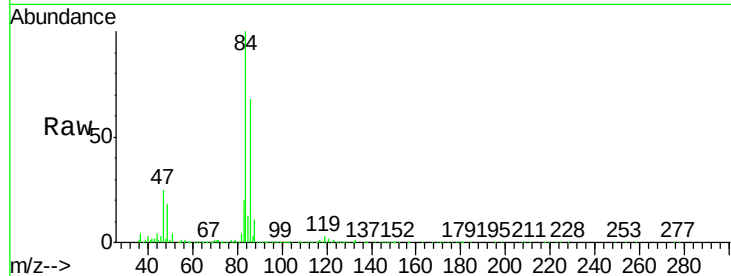
BF780

Tot Ion: 83 Resp: 33664

Ion Ratio Lower Upper

83 100

85 68.1 46.2 85.8



#42

Toluene

Concen: 0.207 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV014356.D

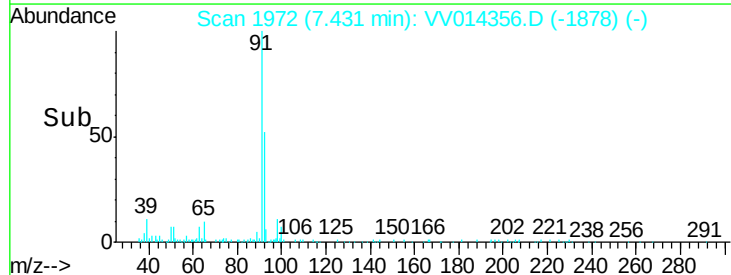
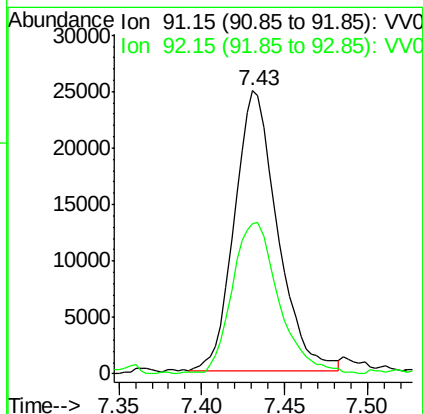
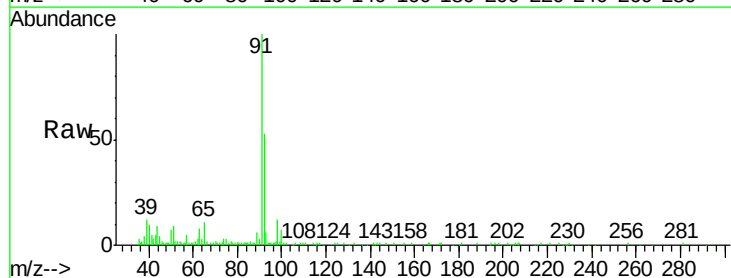
Acq: 20 Jan 2020 14:43

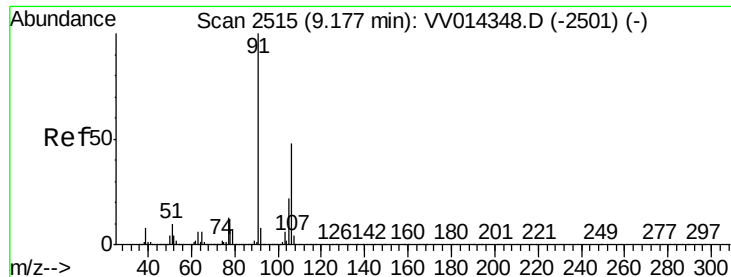
Tgt Ion: 91 Resp: 44682

Ion Ratio Lower Upper

91 100

92 53.3 41.2 76.6





#53

m,p-xylene

Concen: 0.077 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV014356.D

Acq: 20 Jan 2020 14:43

Instrument :

MSVOA_V

ClientSampleId :

BF780

Tot Ion:106 Resp: 6811

Ion Ratio Lower Upper

106 100

91 211.5 146.8 272.6

