

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030920\
 Data File : VV014768.D
 Acq On : 09 Mar 2020 11:42
 Operator : SY/MD
 Sample : VV0309WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK78

Quant Time: Mar 10 14:47:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 10 14:44:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	436458	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	425529	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	208824	50.00	ug/L	0.00

System Monitoring Compounds

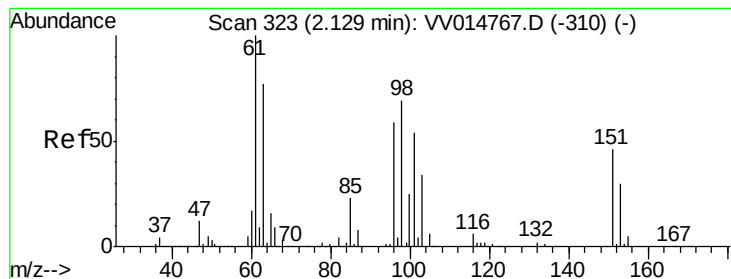
4) Vinyl Chloride-d3	1.32	65	138444	46.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.74%
7) Chloroethane-d5	1.58	69	109635	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.90%
11) 1,1-Dichloroethene-d2	2.12	63	177265	36.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.24%
21) 2-Butanone-d5	3.94	46	218315	99.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.10%
24) Chloroform-d	4.38	84	268117	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.88%
26) 1,2-Dichloroethane-d4	5.06	65	186744	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.32%
32) Benzene-d6	5.08	84	576804	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.68%
36) 1,2-Dichloropropane-d6	6.10	67	180775	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.08%
41) Toluene-d8	7.34	98	547181	49.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.44%
43) trans-1,3-Dichloropropene-	7.64	79	90889	49.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.98%
47) 2-Hexanone-d5	8.12	63	166451	100.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.67%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	247561	48.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	217537	52.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1654	0.68	ug/L	# 21
25) Chloroform	4.41	83	15069	2.54	ug/L	98
27) 1,2-Dichloroethane	5.08	62	3383	0.74	ug/L	99
35) Methylcyclohexane	6.10	83	43418	8.16	ug/L	# 18
39) cis-1,3-Dichloropropene	7.01	75	5305	1.02	ug/L	# 64
48) 2-Hexanone	8.12	43	19429	5.12	ug/L	# 77

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

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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV030920\
Data File : VV014768.D
Acq On    : 09 Mar 2020  11:42
Operator  : SY/MD
Sample    : VV0309WBL01
Misc      : 5.0mL/MSVOA_V/WATER
ALS Vial  : 4    Sample Multiplier: 1
```



#10

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

Concen: 0.68 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV014768.D

Acq: 09 Mar 2020 11:42

Instrument :

MSVOA_V

ClientSampleId :

VBLK78

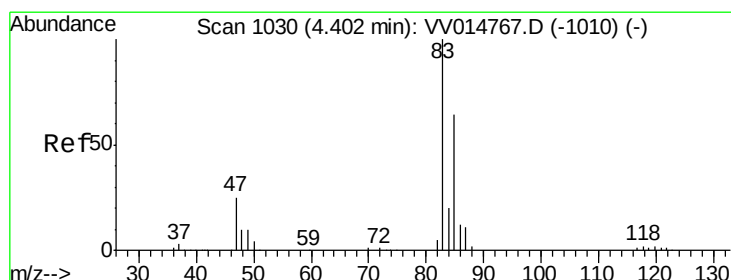
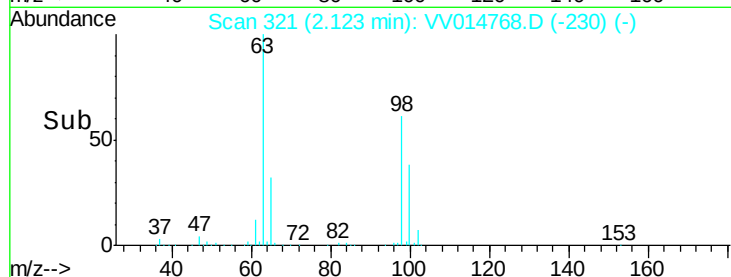
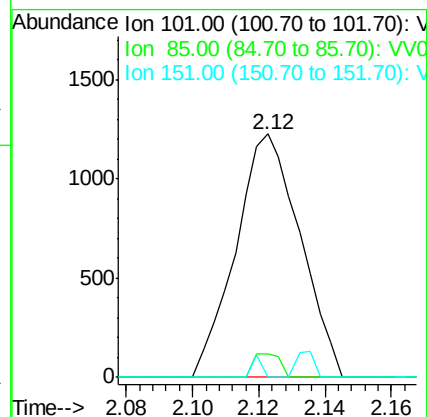
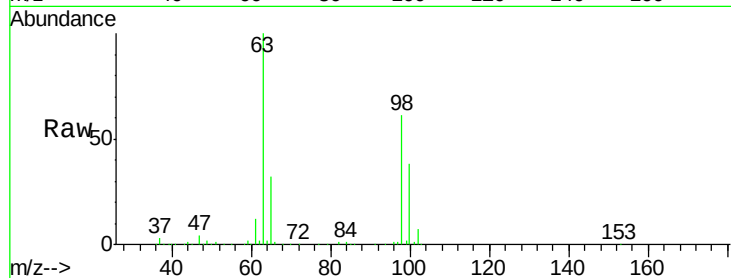
Tgt Ion: 101 Resp: 1654

Ion Ratio Lower Upper

101 100

85 4.1 35.0 52.6#

151 3.0 66.4 99.6#



#25

Chloroform

Concen: 2.54 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV014768.D

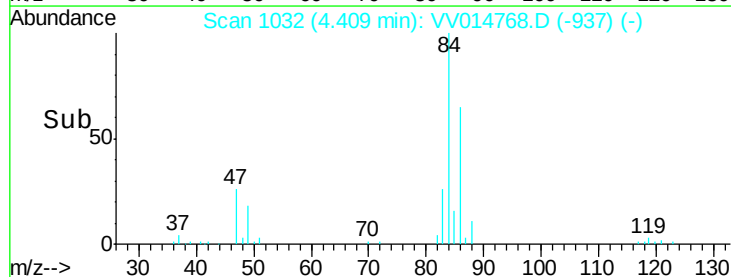
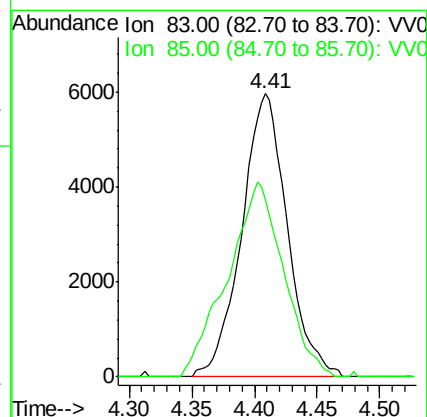
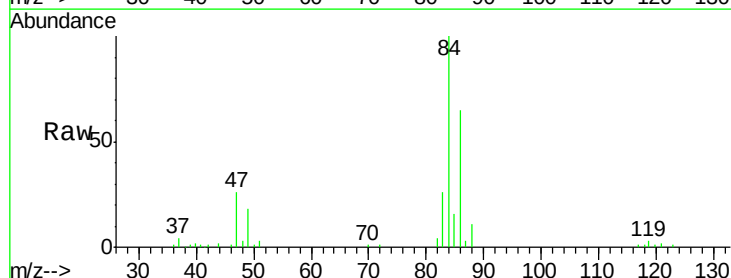
Acq: 09 Mar 2020 11:42

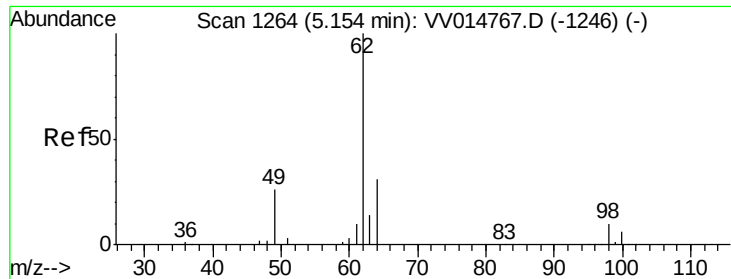
Tgt Ion: 83 Resp: 15069

Ion Ratio Lower Upper

83 100

85 62.8 45.1 83.9

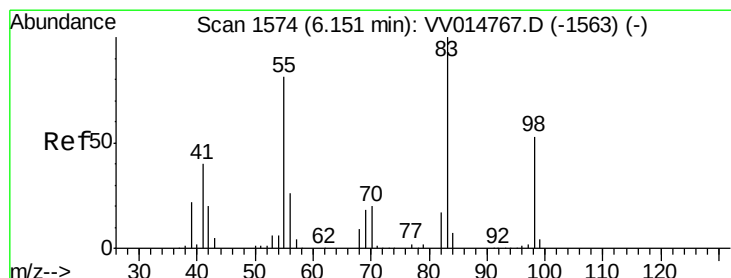
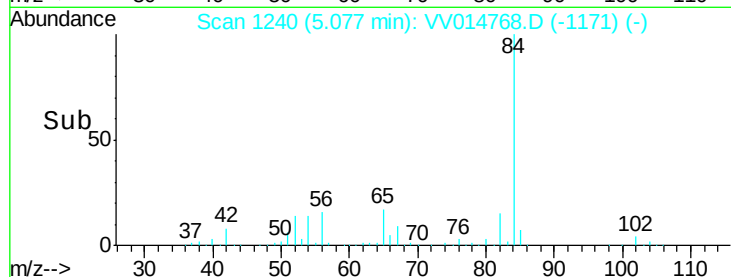
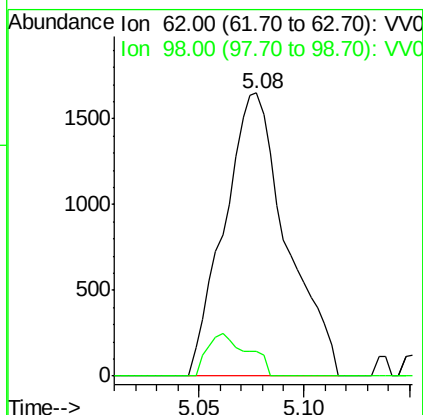
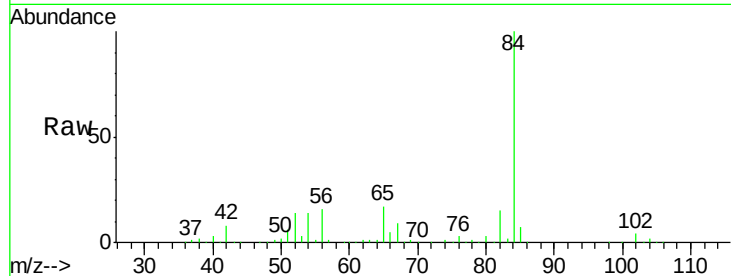




#27
 1,2-Dichloroethane
 Concen: 0.74 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
 Lab File: VV014768.D
 Acq: 09 Mar 2020 11:42

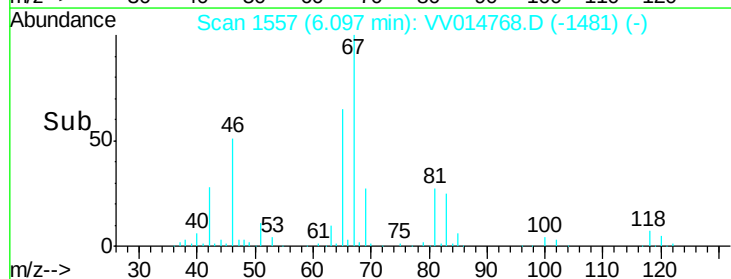
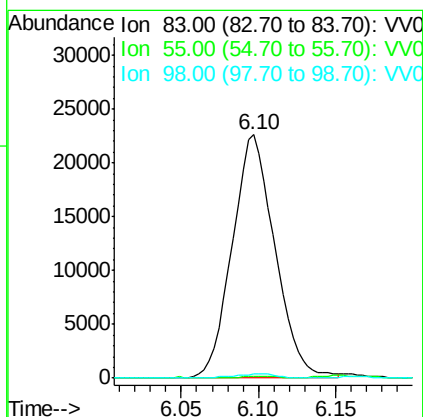
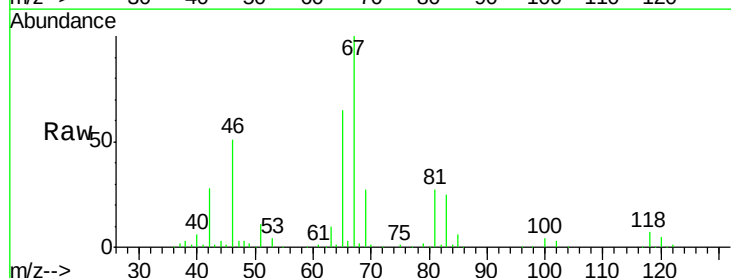
Instrument :
 MSVOA_V
 ClientSampled :
 VBLK78

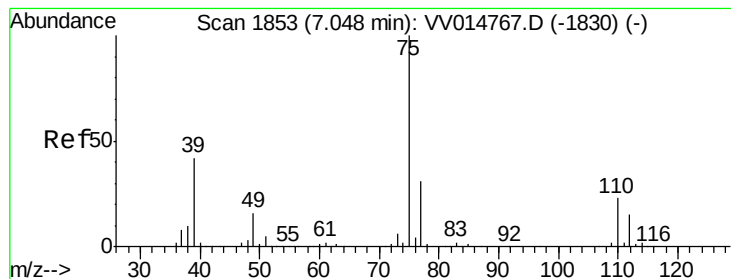
Tgt Ion: 62 Resp: 3383
 Ion Ratio Lower Upper
 62 100
 98 8.7 7.2 10.8



#35
 Methylcyclohexane
 Concen: 8.16 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV014768.D
 Acq: 09 Mar 2020 11:42

Tgt Ion: 83 Resp: 43418
 Ion Ratio Lower Upper
 83 100
 55 0.3 63.4 95.2#
 98 1.3 36.8 55.2#





#39

cis-1,3-Dichloropropene

Concen: 1.02 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV014768.D

Acq: 09 Mar 2020 11:42

Instrument :

MSVOA_V

ClientSampleId :

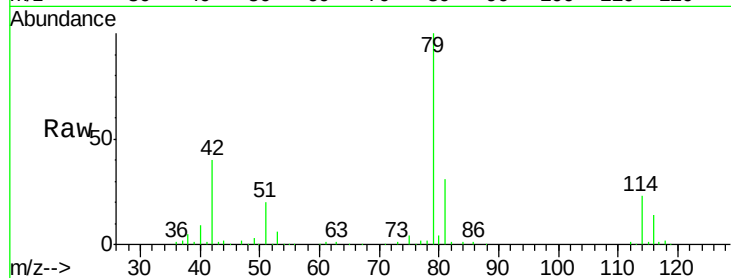
VBLK78

Tgt Ion: 75 Resp: 5305

Ion Ratio Lower Upper

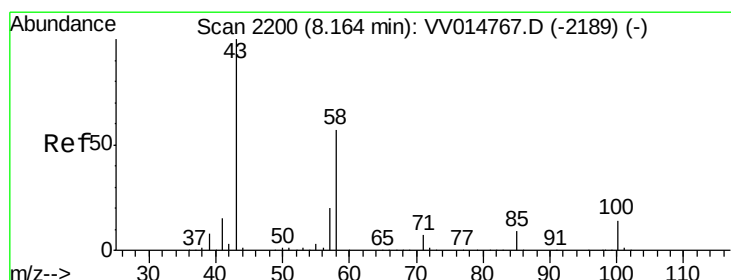
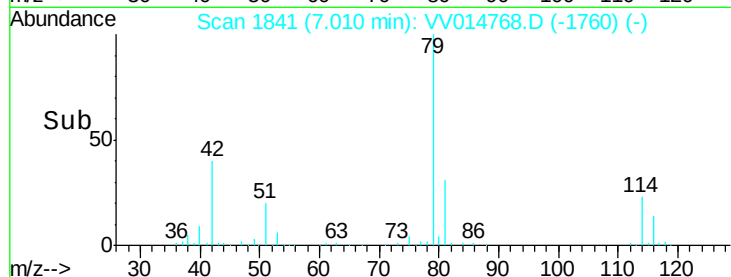
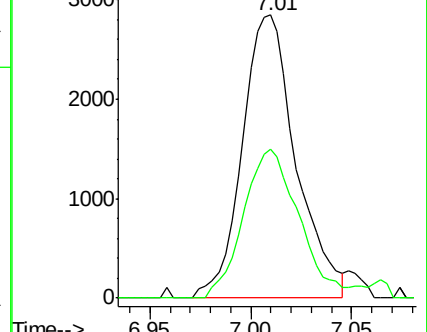
75 100

77 52.8 22.8 42.4#



Abundance Ion 75.00 (74.70 to 75.70): VV014767.D (-1830) (-)

Ion 77.00 (76.70 to 77.70): VV014767.D (-1830) (-)



#48

2-Hexanone

Concen: 5.12 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV014768.D

Acq: 09 Mar 2020 11:42

Tgt Ion: 43 Resp: 19429

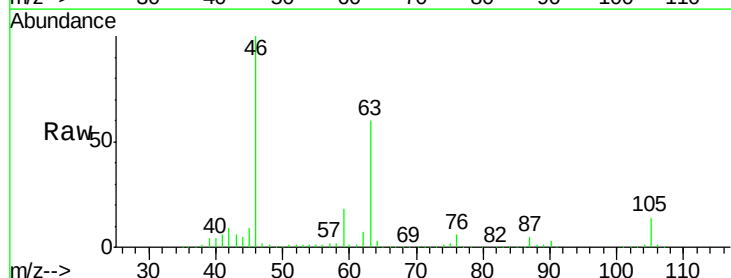
Ion Ratio Lower Upper

43 100

58 34.8 43.3 64.9#

57 23.1 15.6 23.4

100 0.0 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VV014767.D (-2189) (-)

Ion 58.00 (57.70 to 58.70): VV014767.D (-2189) (-)

Ion 57.00 (56.70 to 57.70): VV014767.D (-2189) (-)

Ion 100.00 (99.70 to 100.70): VV014767.D (-2189) (-)

