

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040220\
 Data File : VV015388.D
 Acq On : 02 Apr 2020 22:04
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 03 05:32:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 03 05:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	706191	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	656069	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	302165	50.00	ug/L	0.00

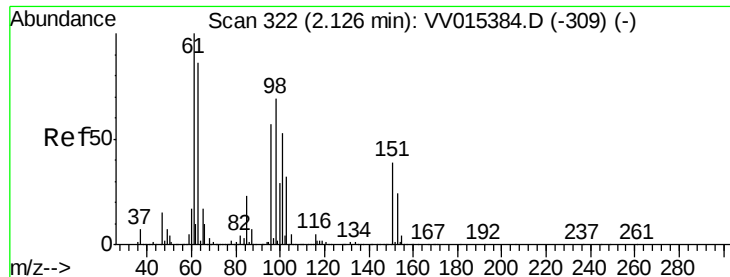
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	214523	33.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.76%
7) Chloroethane-d5	1.58	69	195763	36.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.38%
11) 1,1-Dichloroethene-d2	2.12	63	329164	29.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.16%#
21) 2-Butanone-d5	3.94	46	295692	87.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.86%
24) Chloroform-d	4.38	84	421213	40.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.58%
26) 1,2-Dichloroethane-d4	5.06	65	274785	42.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.40%
32) Benzene-d6	5.07	84	856315	42.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.76%
36) 1,2-Dichloropropane-d6	6.09	67	264051	44.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.66%
41) Toluene-d8	7.34	98	822059	42.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.10%
43) trans-1,3-Dichloropropene-	7.64	79	128283	38.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.94%
47) 2-Hexanone-d5	8.12	63	229495	84.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.35%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	371247	43.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	307970	44.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3847	0.722 ug/L #	27
25) Chloroform	4.41	83	11185	1.175 ug/L	99
39) cis-1,3-Dichloropropene	7.01	75	8652	1.080 ug/L #	59
48) 2-Hexanone	8.12	43	32313	6.369 ug/L #	85
59) 1,2,3-Trichloropropane	11.27	75	37548	5.835 ug/L	94
69) Naphthalene	13.53	128	116599	4.953 ug/L	99

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



#10

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

Concen: 0.722 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

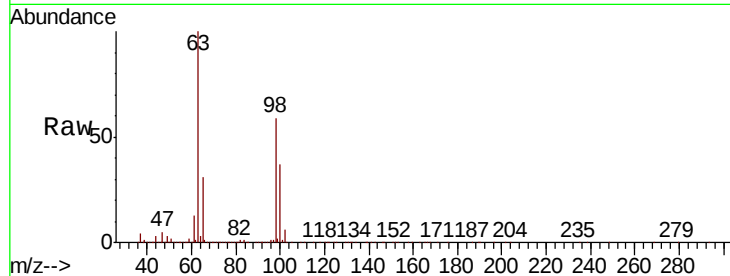
Tot Ion:101 Resp: 3847

Ion Ratio Lower Upper

101 100

85 6.9 36.1 54.1#

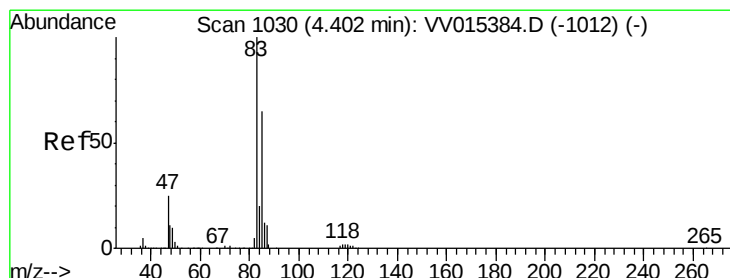
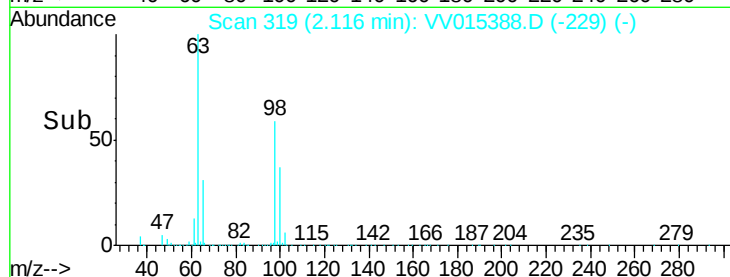
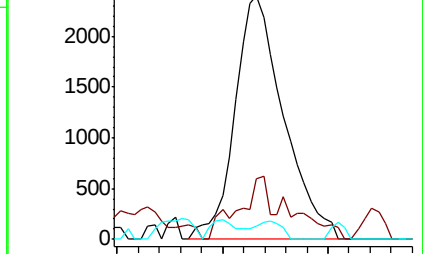
151 4.3 58.2 87.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 1.175 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

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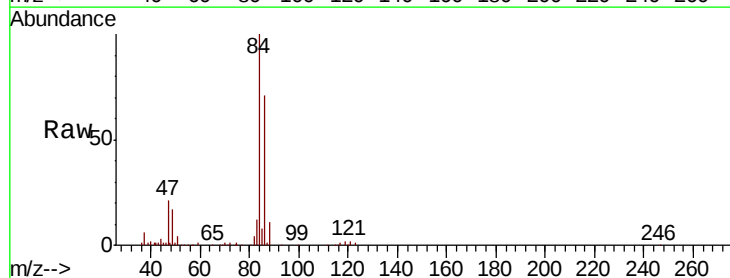
Acq: 02 Apr 2020 22:04

Tgt Ion: 83 Resp: 11185

Ion Ratio Lower Upper

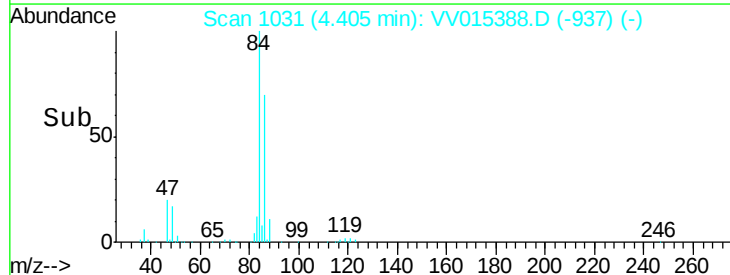
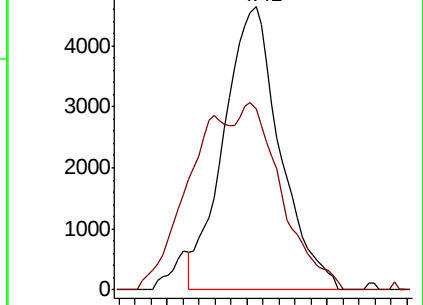
83 100

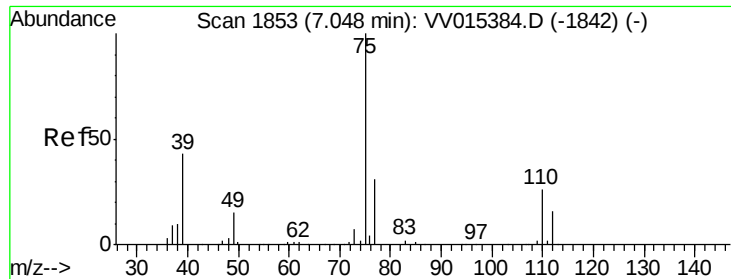
85 63.7 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



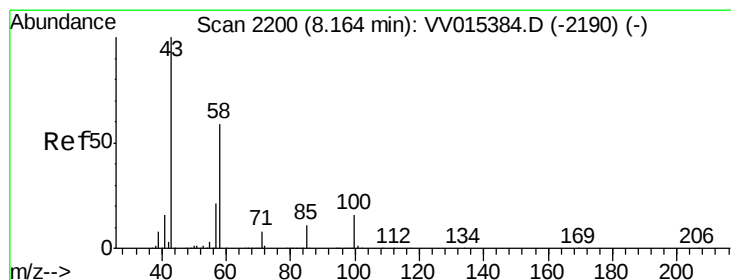
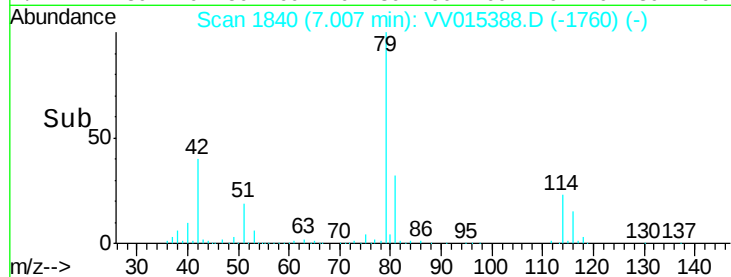
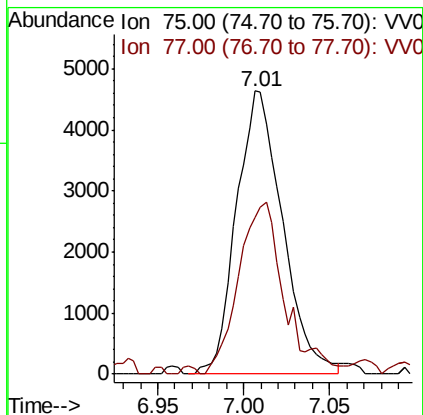
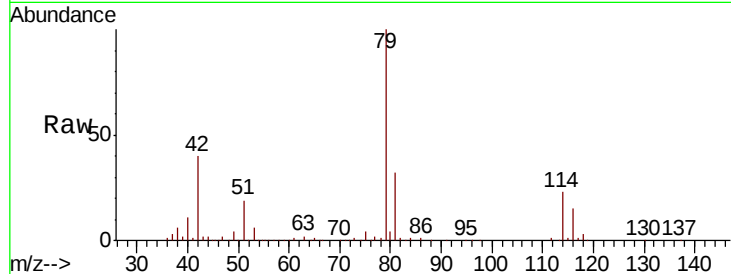


#39

cis-1,3-Dichloropropene
 Concen: 1.080 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV015388.D
 Acq: 02 Apr 2020 22:04

Instrument :
 MSVOA_V
 ClientSampled :

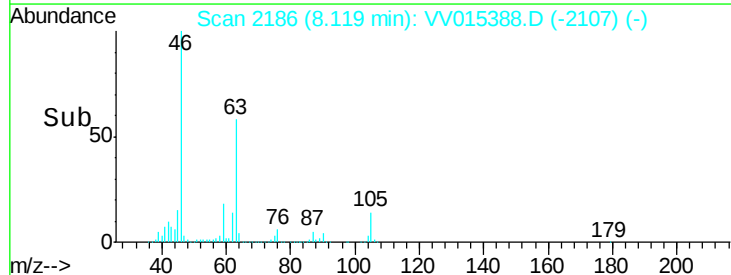
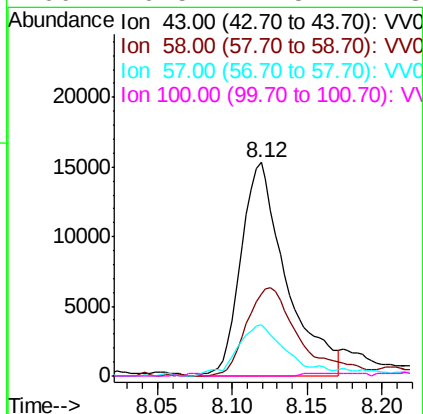
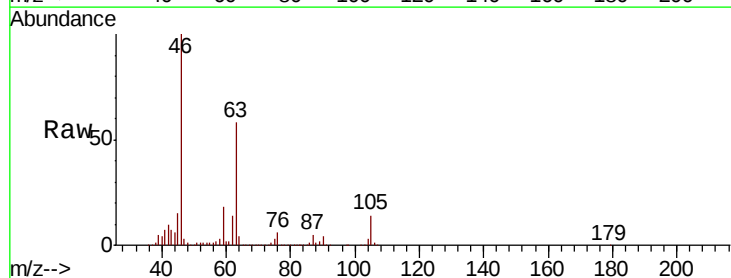
Tot Ion: 75 Resp: 8652
 Ion Ratio Lower Upper
 75 100
 77 55.2 22.5 41.9#

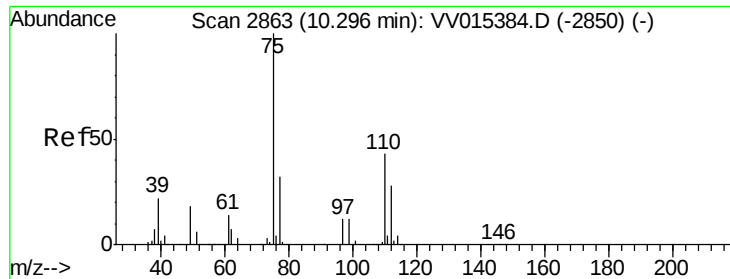


#48

2-Hexanone
 Concen: 6.369 ug/L
 RT: 8.12 min Scan# 2186
 Delta R.T. -0.05 min
 Lab File: VV015388.D
 Acq: 02 Apr 2020 22:04

Tgt Ion: 43 Resp: 32313
 Ion Ratio Lower Upper
 43 100
 58 48.3 47.4 71.2
 57 19.6 16.7 25.1
 100 0.5 11.5 17.3#

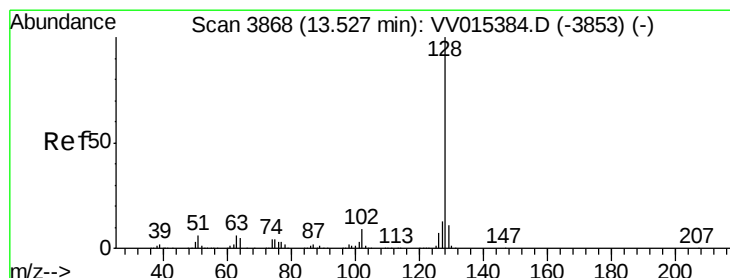
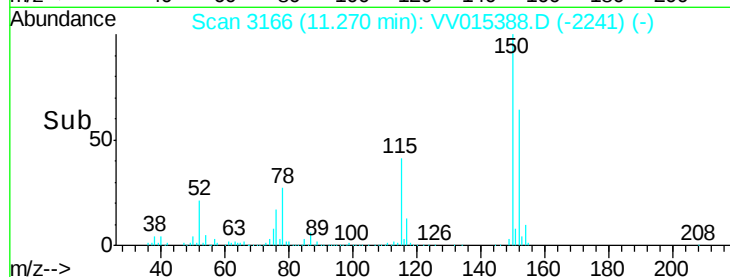
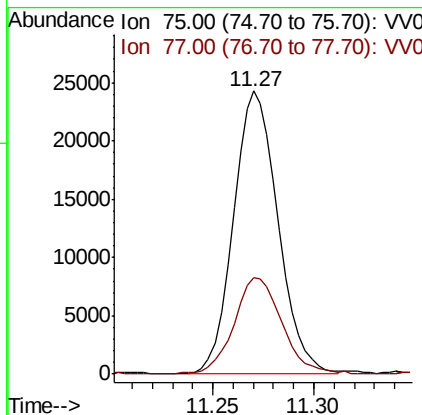
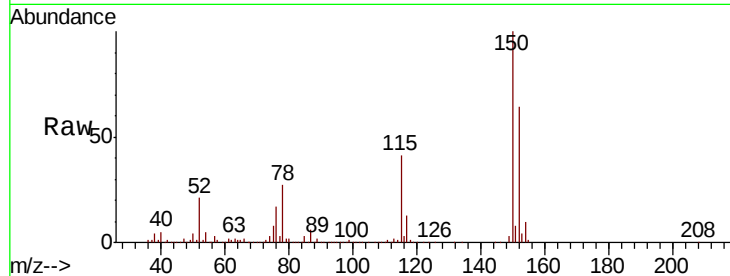




#59
 1,2,3-Trichloropropane
 Concen: 5.835 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.97 min
 Lab File: VV015388.D
 Acq: 02 Apr 2020 22:04

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 75 Resp: 37548
 Ion Ratio Lower Upper
 75 100
 77 35.1 25.4 38.0



#69
 Naphthalene
 Concen: 4.953 ug/L
 RT: 13.53 min Scan# 3869
 Delta R.T. 0.00 min
 Lab File: VV015388.D
 Acq: 02 Apr 2020 22:04

Tgt Ion: 128 Resp: 116599
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.3 15.5
 129 11.8 8.6 13.0

