

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021120\
 Data File : VV014556.D
 Acq On : 11 Feb 2020 16:05
 Operator : SY/MD
 Sample : VV0211WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 12 03:18:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 12 03:16:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	304712	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	287137	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	141193	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62009	36.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.28%
7) Chloroethane-d5	1.59	69	46384	44.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.16%
11) 1,1-Dichloroethene-d2	2.13	63	79408	35.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.30%
21) 2-Butanone-d5	3.92	46	117877	103.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.52%
24) Chloroform-d	4.40	84	185096	51.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.36%
26) 1,2-Dichloroethane-d4	5.08	65	121735	56.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.86%
32) Benzene-d6	5.10	84	389062	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.92%
36) 1,2-Dichloropropane-d6	6.11	67	121356	50.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.46%
41) Toluene-d8	7.36	98	365221	52.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.66%
43) trans-1,3-Dichloropropene-	7.66	79	62840	51.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.38%
47) 2-Hexanone-d5	8.13	63	99874	106.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.72%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	165553	53.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.44%
64) 1,2-Dichlorobenzene-d4	11.67	152	143008	54.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.98%

Target Compounds

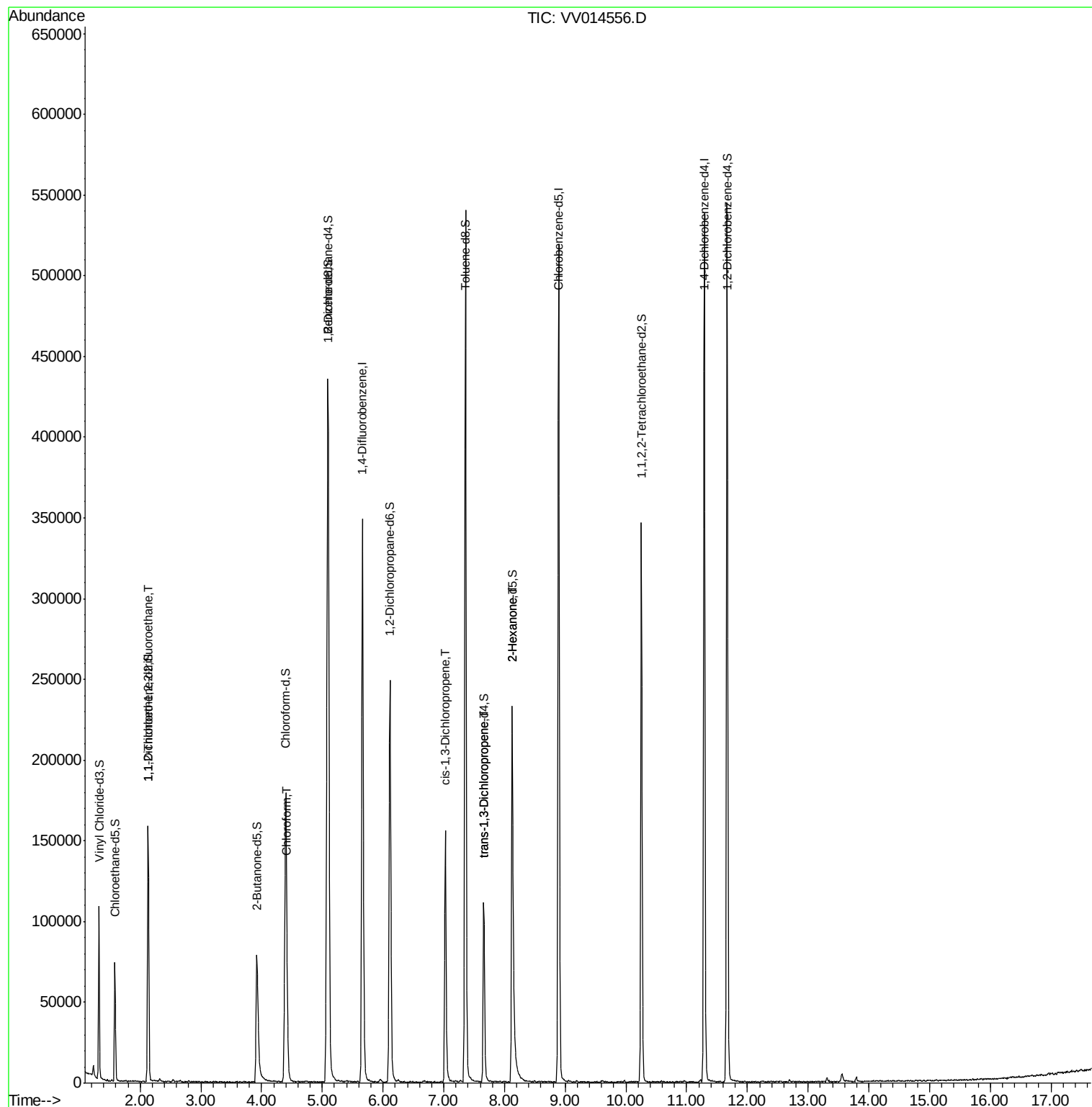
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	847	0.734 ug/L #	19
25) Chloroform	4.42	83	7761	2.100 ug/L	89
39) cis-1,3-Dichloropropene	7.03	75	3758	1.079 ug/L #	46
44) trans-1,3-Dichloropropene	7.66	75	2798	0.905 ug/L	93
48) 2-Hexanone	8.13	43	10564	5.276 ug/L #	70

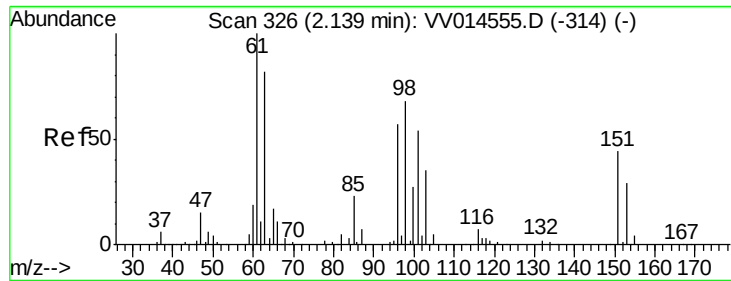
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Feb 12 03:16:31 2020
Response via : Initial Calibration





#10

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

Concen: 0.734 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014556.D

Acq: 11 Feb 2020 16:05

Instrument :

MSVOA_V

ClientSampleId :

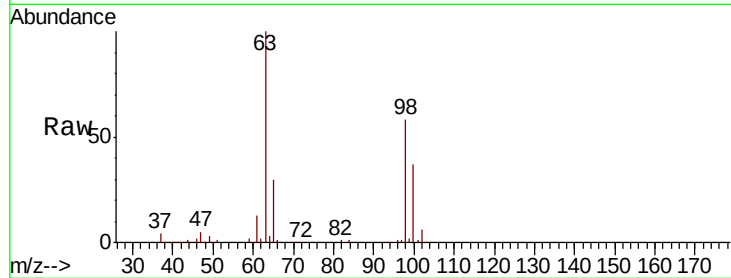
Tot Ion:101 Resp: 847

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

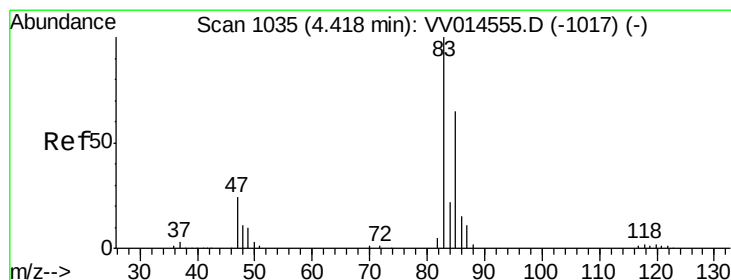
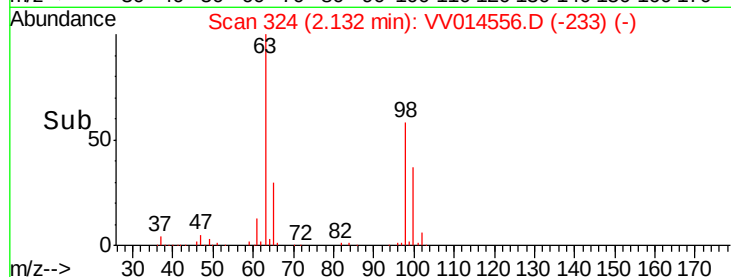
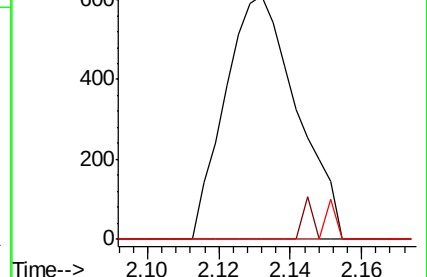
151 0.0 61.2 91.8#



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: 2.100 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VV014556.D

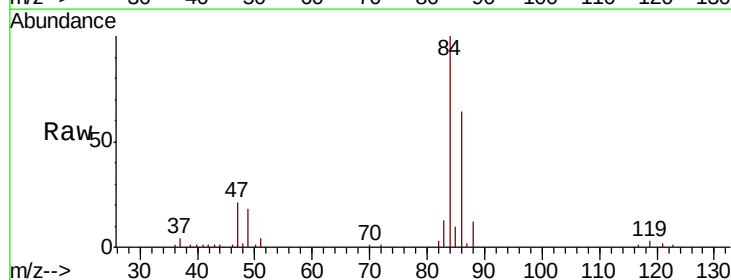
Acq: 11 Feb 2020 16:05

Tgt Ion: 83 Resp: 7761

Ion Ratio Lower Upper

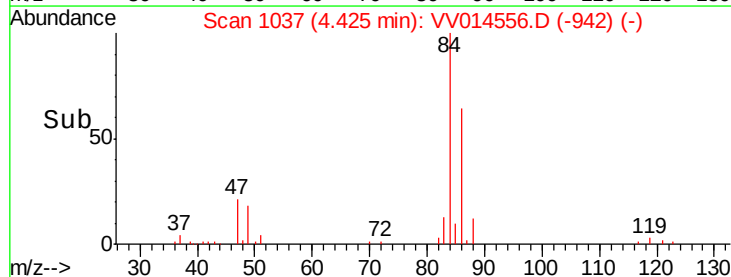
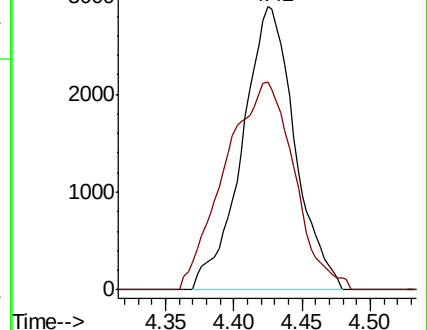
83 100

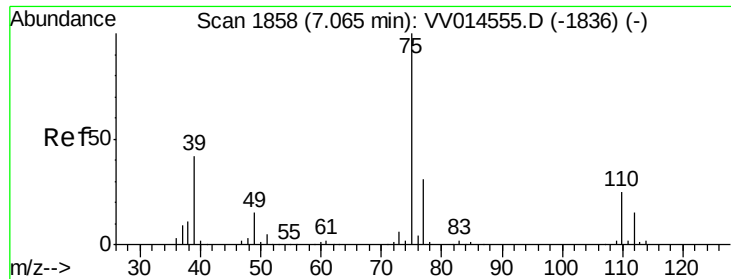
85 73.2 45.1 83.7



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

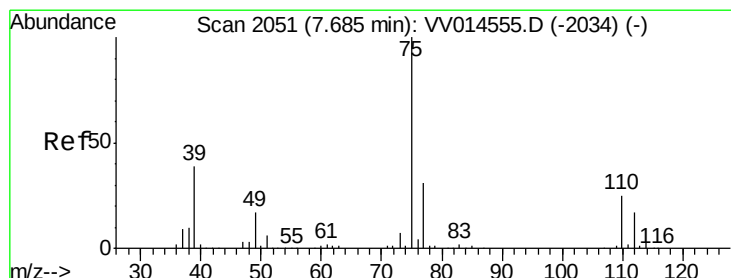
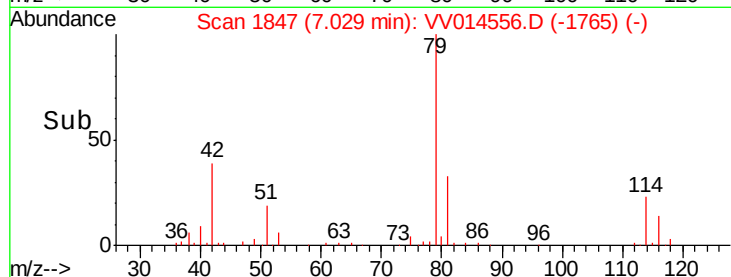
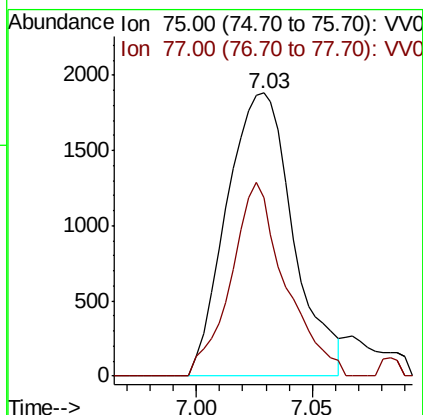
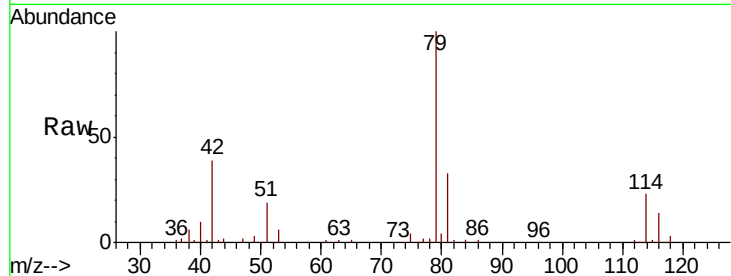




#39
 cis-1,3-Dichloropropene
 Concen: 1.079 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV014556.D
 Acq: 11 Feb 2020 16:05

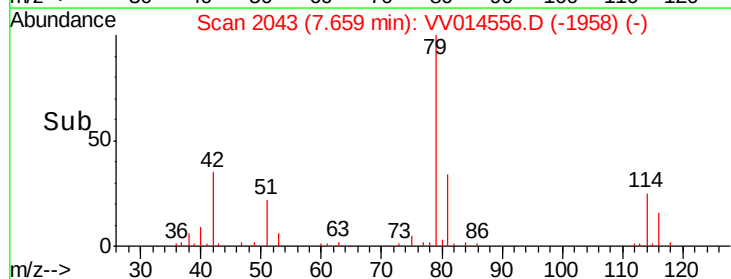
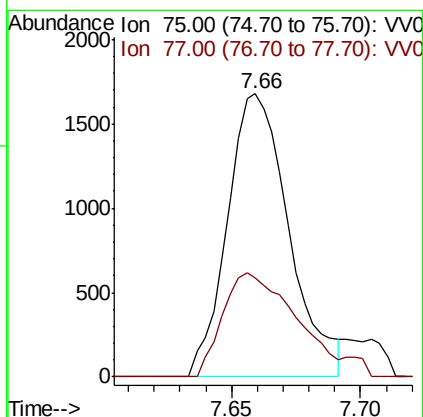
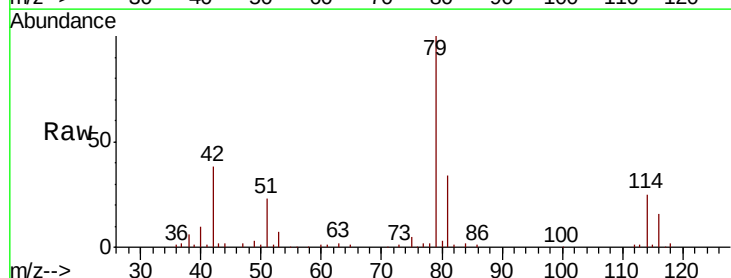
Instrument :
 MSVOA_V
 ClientSampleId :

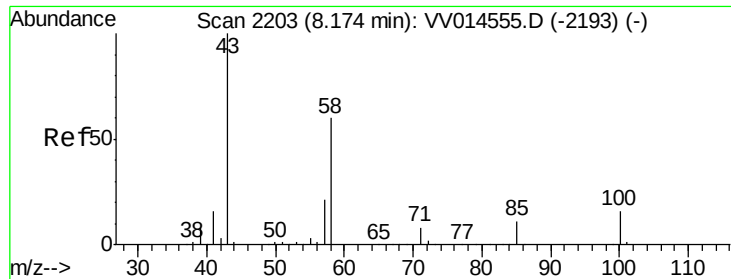
Tot Ion: 75 Resp: 3758
 Ion Ratio Lower Upper
 75 100
 77 62.9 22.7 42.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.905 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.03 min
 Lab File: VV014556.D
 Acq: 11 Feb 2020 16:05

Tgt Ion: 75 Resp: 2798
 Ion Ratio Lower Upper
 75 100
 77 35.0 22.0 40.8





#48

2-Hexanone

Concen: 5.276 ug/L

RT: 8.13 min Scan# 2188

Delta R.T. -0.05 min

Lab File: VV014556.D

Acq: 11 Feb 2020 16:05

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	10564
Ion	Ratio	Lower	Upper
43	100		
58	34.4	48.0	72.0#
57	25.5	15.0	22.6#
100	0.0	10.4	15.6#

