

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021320\
 Data File : VV014580.D
 Acq On : 13 Feb 2020 11:02
 Operator : SY/MD
 Sample : VV0213WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 13 15:34:04 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	310852	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	294417	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	144898	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53640	44.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.86%
7) Chloroethane-d5	1.58	69	38476	45.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.66%
11) 1,1-Dichloroethene-d2	2.13	63	71539	35.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.82%
21) 2-Butanone-d5	3.92	46	92434	93.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.37%
24) Chloroform-d	4.39	84	159768	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.78%
26) 1,2-Dichloroethane-d4	5.07	65	106798	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.90%
32) Benzene-d6	5.09	84	337552	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.88%
36) 1,2-Dichloropropane-d6	6.11	67	103383	48.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.50%
41) Toluene-d8	7.35	98	322901	47.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.34%
43) trans-1,3-Dichloropropene-	7.66	79	53554	45.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.60%
47) 2-Hexanone-d5	8.13	63	72202	85.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.20%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	134816	46.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.68%
64) 1,2-Dichlorobenzene-d4	11.67	152	123701	48.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.64%

Target Compounds

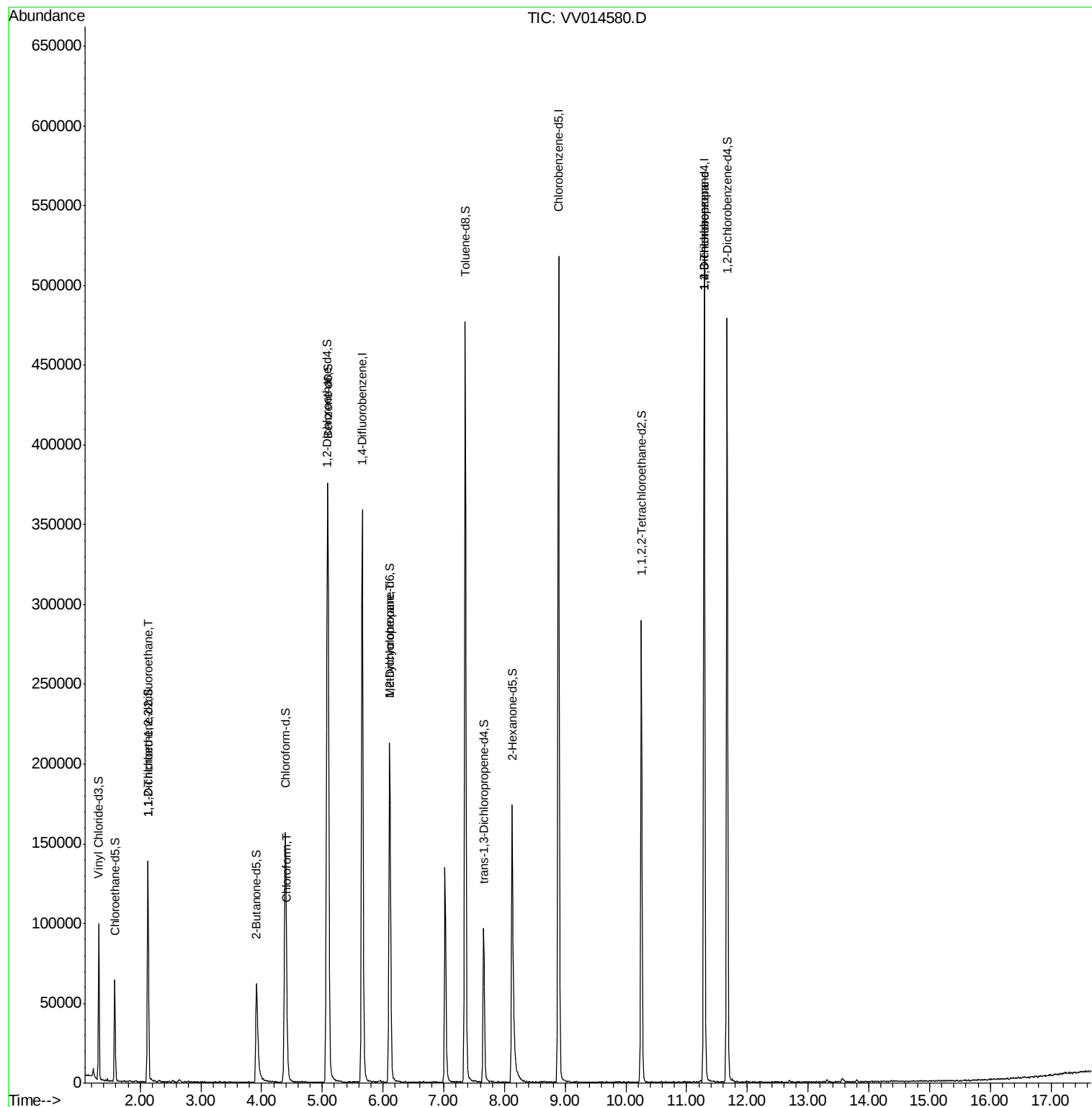
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	802	0.782	ug/L # 17
25) Chloroform	4.42	83	6453	1.769	ug/L 99
35) Methylcyclohexane	6.11	83	25748	7.884	ug/L # 21
59) 1,2,3-Trichloropropane	11.29	75	16414	6.682	ug/L 95

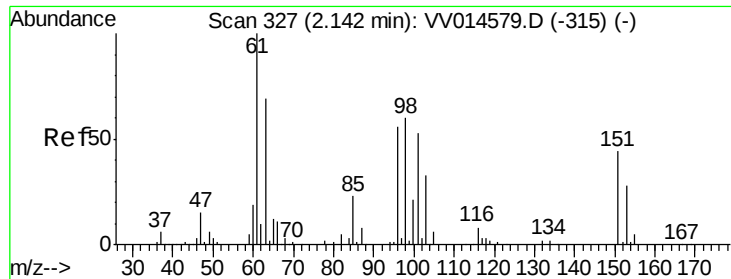
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.782 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.02 min

Lab File: VV014580.D

Acq: 13 Feb 2020 11:02

Instrument :

BNA_G

ClientSampleId :

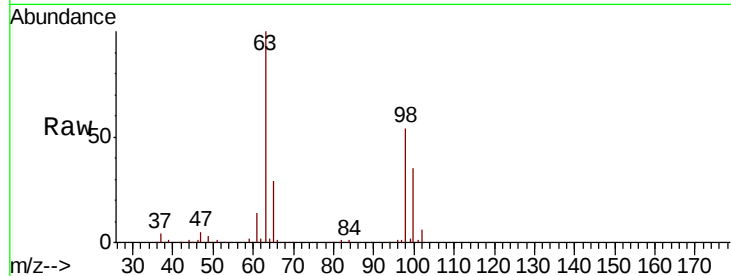
Tot Ion:101 Resp: 802

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.0#

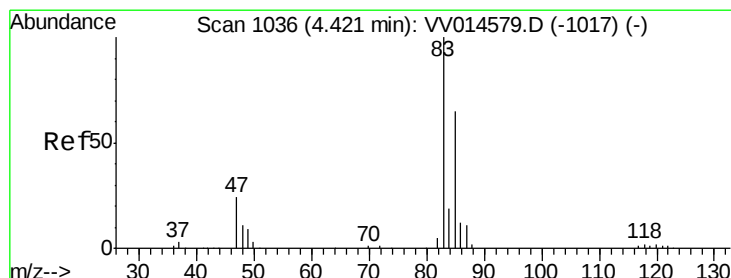
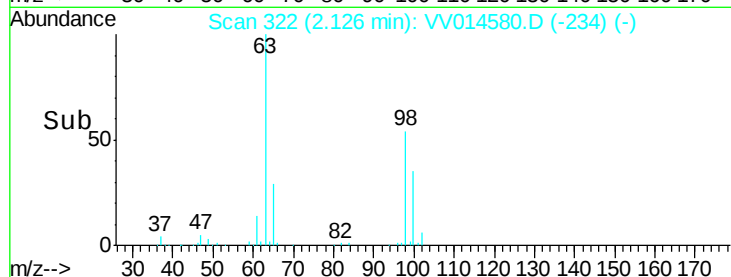
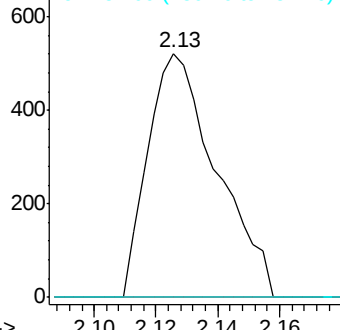
151 0.0 65.4 98.2#



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: 1.769 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV014580.D

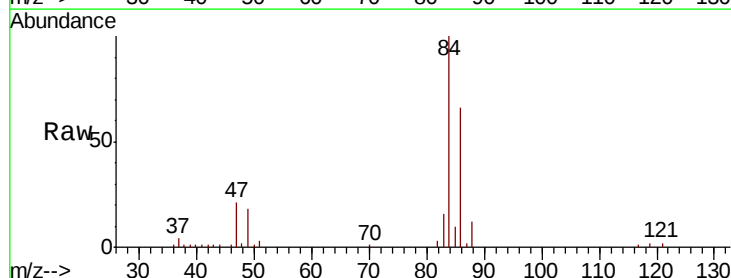
Acq: 13 Feb 2020 11:02

Tgt Ion: 83 Resp: 6453

Ion Ratio Lower Upper

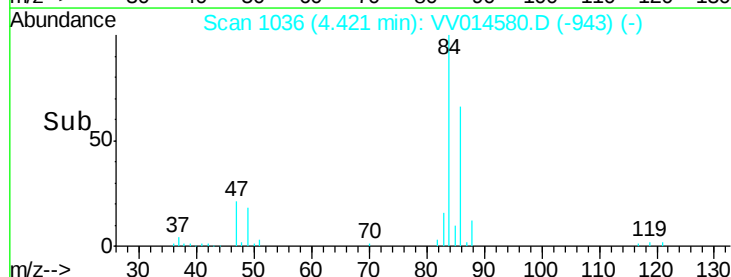
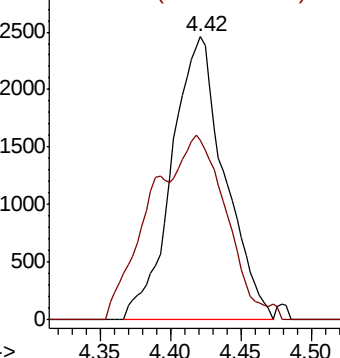
83 100

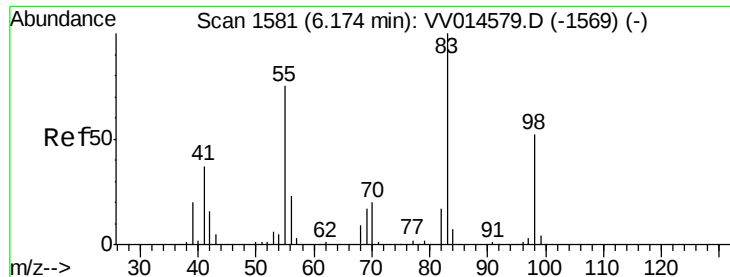
85 63.5 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

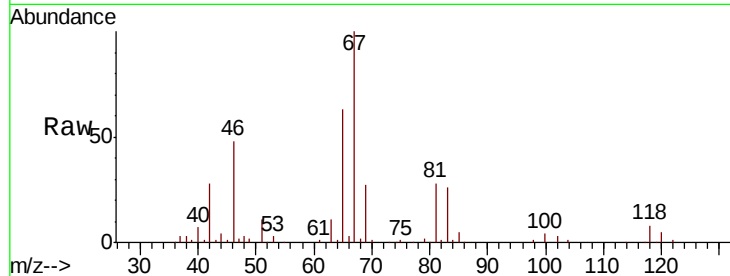




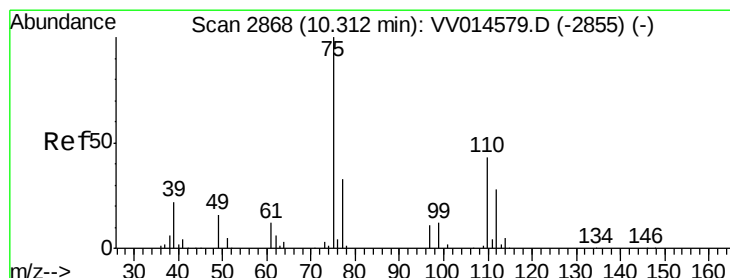
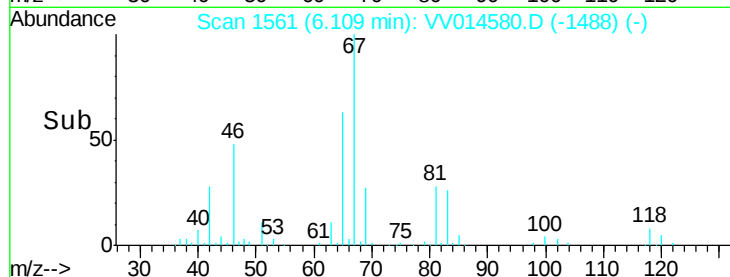
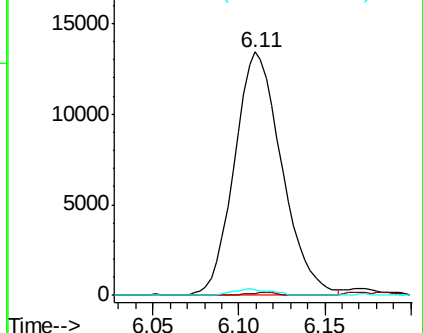
#35
Methvlcvclohexane
Concen: 7.884 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.06 min
Lab File: VV014580.D
Acq: 13 Feb 2020 11:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 83 Resp: 25748
Ion Ratio Lower Upper
83 100
55 0.3 57.8 86.6#
98 2.1 39.7 59.5#

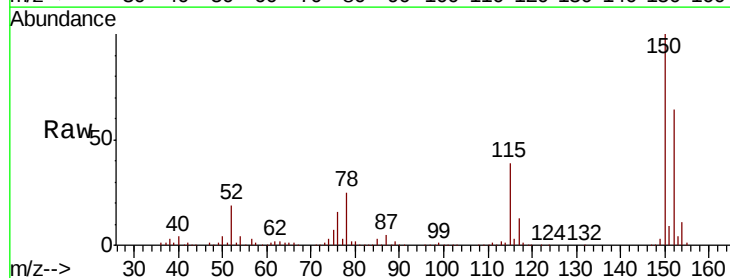


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0



#59
1,2,3-Trichloropropane
Concen: 6.682 ug/L
RT: 11.29 min Scan# 3172
Delta R.T. 0.98 min
Lab File: VV014580.D
Acq: 13 Feb 2020 11:02

Tgt Ion: 75 Resp: 16414
Ion Ratio Lower Upper
75 100
77 35.2 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

