

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021320\
 Data File : VV014584.D
 Acq On : 13 Feb 2020 13:16
 Operator : SY/MD
 Sample : L1489-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 13 15:34:33 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	293287	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	275136	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	134521	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50621	44.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.88%
7) Chloroethane-d5	1.59	69	36272	45.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.58%
11) 1,1-Dichloroethene-d2	2.13	63	65667	34.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.88%
21) 2-Butanone-d5	3.92	46	91206	97.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.65%
24) Chloroform-d	4.40	84	155642	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.76%
26) 1,2-Dichloroethane-d4	5.08	65	101233	49.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.36%
32) Benzene-d6	5.10	84	322001	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.88%
36) 1,2-Dichloropropane-d6	6.11	67	96284	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.16%
41) Toluene-d8	7.36	98	302559	47.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.66	79	52089	47.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.32%
47) 2-Hexanone-d5	8.13	63	71843	90.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.72%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	132440	49.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.48%
64) 1,2-Dichlorobenzene-d4	11.67	152	118281	49.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.54%

Target Compounds

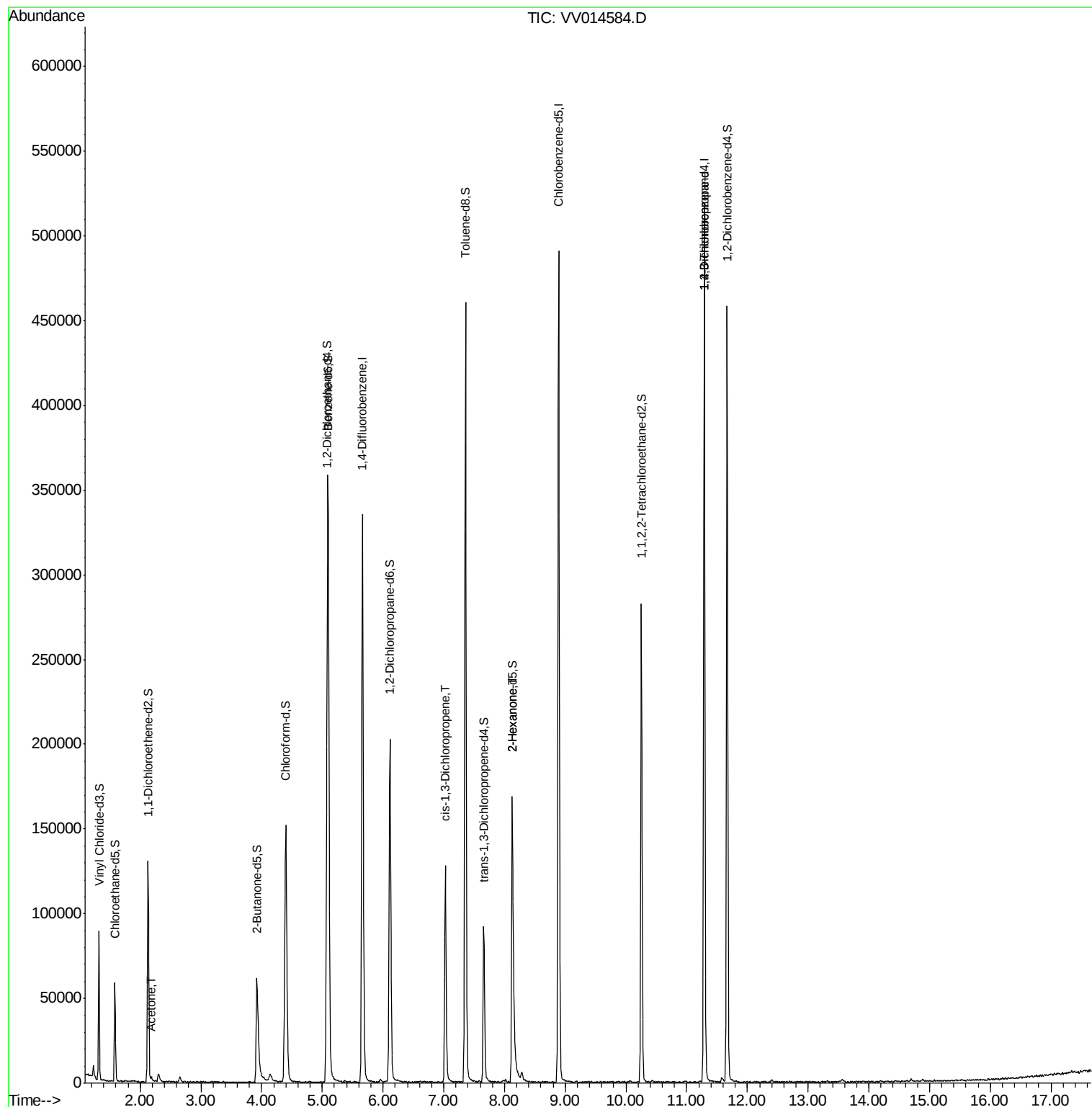
					Ovalue
13) Acetone	2.19	43	2411	3.009 ug/L	97
39) cis-1,3-Dichloropropene	7.03	75	3340	1.061 ug/L #	74
48) 2-Hexanone	8.13	43	8343	4.857 ug/L #	56
59) 1,2,3-Trichloropropane	11.29	75	14549	6.338 ug/L #	84

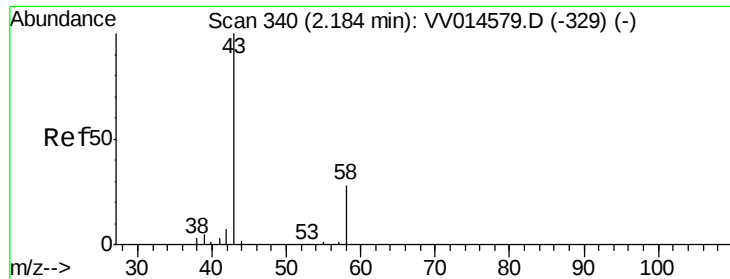
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 13 15:27:07 2020
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#13

Acetone

Concen: 3.009 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV014584.D

Acq: 13 Feb 2020 13:16

Instrument :

BNA_G

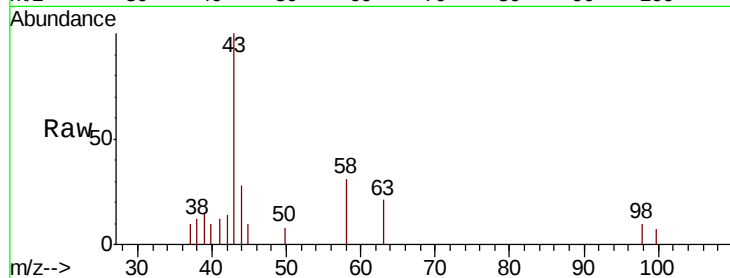
ClientSampleId :

Tot Ion: 43 Resp: 2411

Ion Ratio Lower Upper

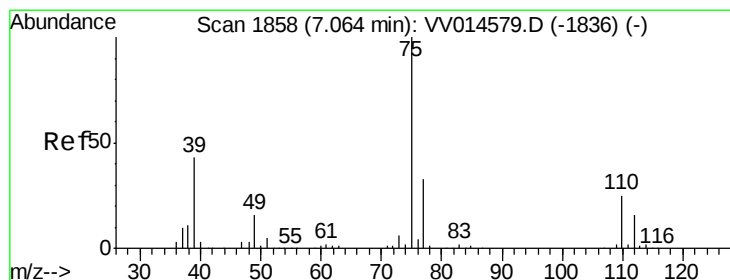
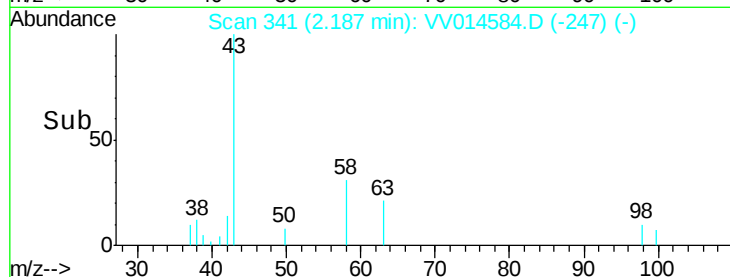
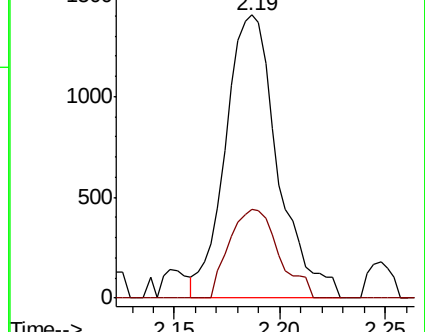
43 100

58 28.0 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV014579.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV014579.D (-329) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.061 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV014584.D

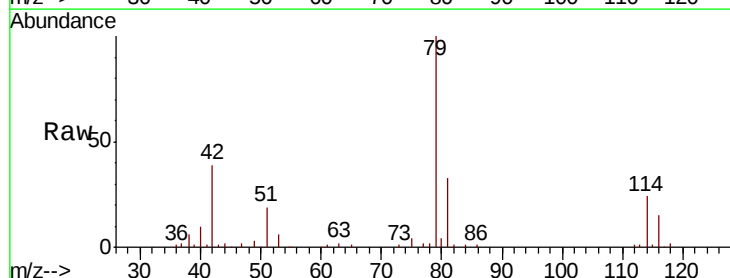
Acq: 13 Feb 2020 13:16

Tgt Ion: 75 Resp: 3340

Ion Ratio Lower Upper

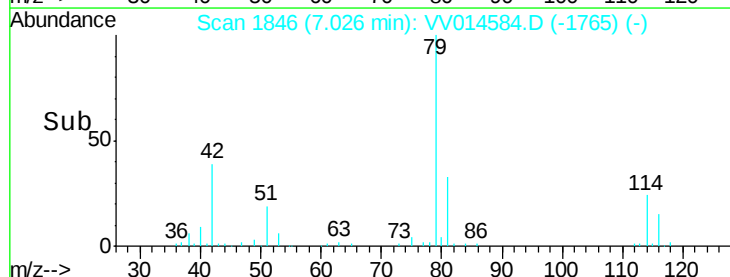
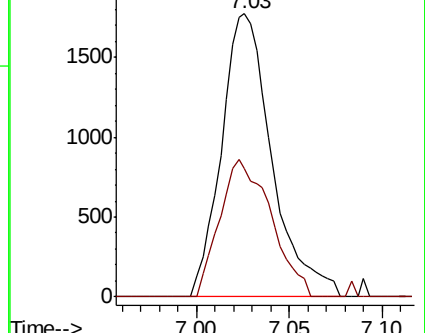
75 100

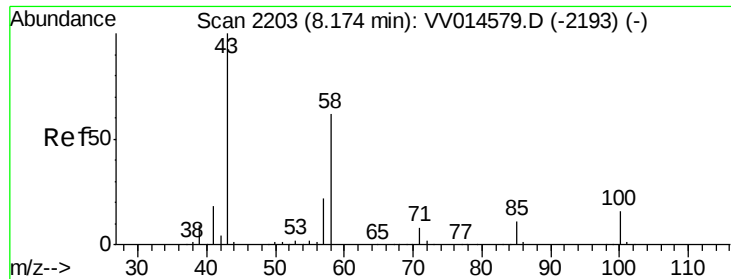
77 45.5 21.7 40.3#



Abundance Ion 75.00 (74.70 to 75.70): VV014579.D (-1836) (-)

Ion 77.00 (76.70 to 77.70): VV014579.D (-1836) (-)

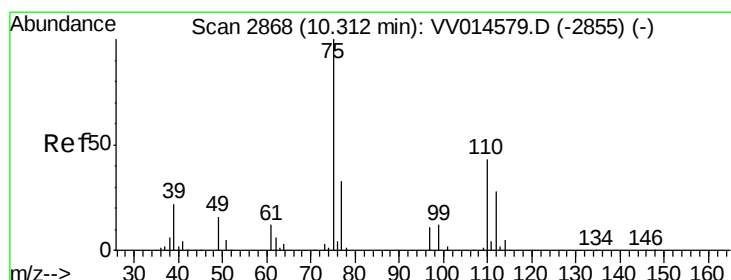
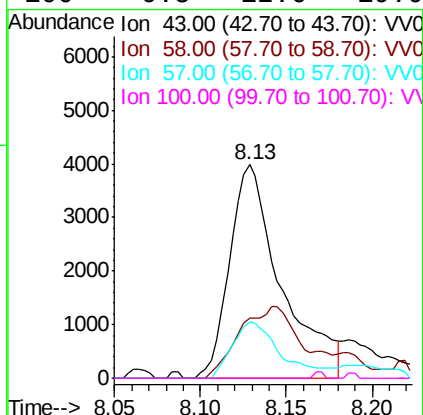
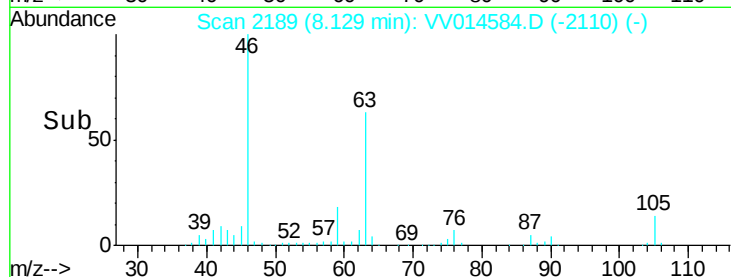
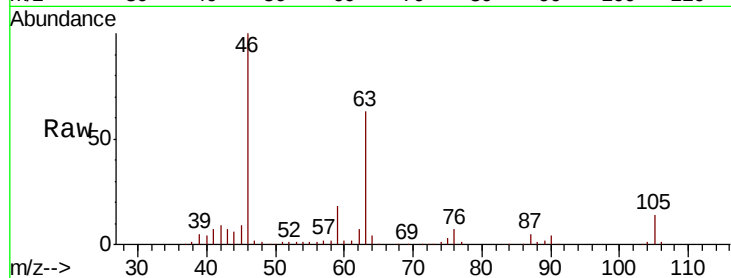




#48
2-Hexanone
Concen: 4.857 ug/L
RT: 8.13 min Scan# 2189
Delta R.T. -0.05 min
Lab File: VV014584.D
Acq: 13 Feb 2020 13:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 43 Resp: 8343
Ion Ratio Lower Upper
43 100
58 16.3 50.4 75.6#
57 24.7 17.8 26.6
100 0.5 12.6 19.0#



#59
1,2,3-Trichloropropane
Concen: 6.338 ug/L
RT: 11.29 min Scan# 3172
Delta R.T. 0.98 min
Lab File: VV014584.D
Acq: 13 Feb 2020 13:16

Tgt Ion: 75 Resp: 14549
Ion Ratio Lower Upper
75 100
77 41.5 25.9 38.9#

