

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051820\
 Data File : VV016109.D
 Acq On : 18 May 2020 18:08
 Operator : SY/MD
 Sample : L2655-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0F20

Quant Time: May 19 06:25:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM051820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 19 04:04:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	315751	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	308680	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	143586	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100925	44.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.64%
7) Chloroethane-d5	1.58	69	91692	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.78%
11) 1,1-Dichloroethene-d2	2.13	63	149968	34.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.66%
21) 2-Butanone-d5	3.94	46	148810	108.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.35%
24) Chloroform-d	4.38	84	193629	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.84%
26) 1,2-Dichloroethane-d4	5.06	65	147215	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.24%
32) Benzene-d6	5.08	84	403848	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.42%
36) 1,2-Dichloropropane-d6	6.10	67	130505	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.46%
41) Toluene-d8	7.34	98	371099	46.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.96%
43) trans-1,3-Dichloropropene-	7.64	79	61349	45.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.36%
47) 2-Hexanone-d5	8.12	63	93564	107.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	162020	48.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.16%
64) 1,2-Dichlorobenzene-d4	11.65	152	140369	49.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.86%

Target Compounds

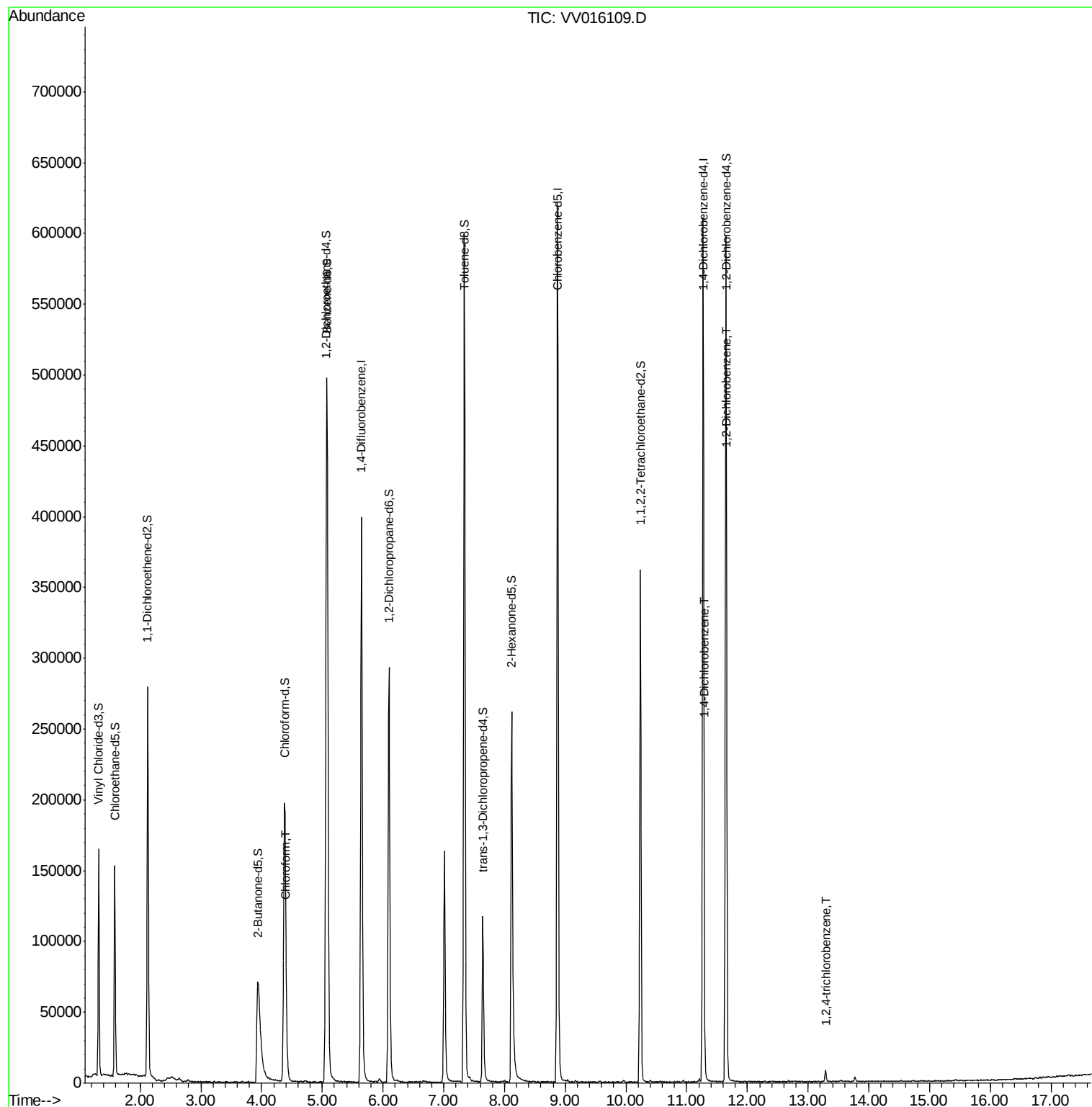
					Ovalue
25) Chloroform	4.41	83	18352	4.172 ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	4270	0.936 ug/L	89
65) 1,2-Dichlorobenzene	11.67	146	3995	0.887 ug/L	94
68) 1,2,4-trichlorobenzene	13.29	180	2521	0.912 ug/L	95

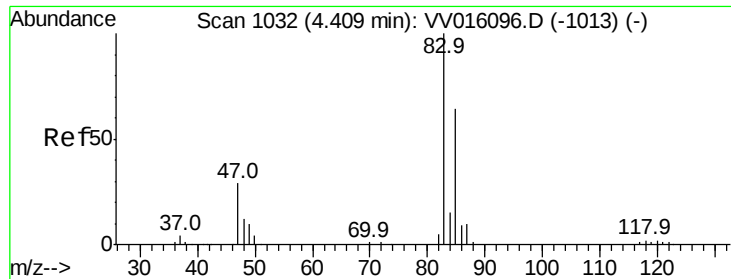
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 4.172 ug/L

RT: 4.41 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VV016109.D

Acq: 18 May 2020 18:08

Instrument :

MSVOA_V

ClientSampleId :

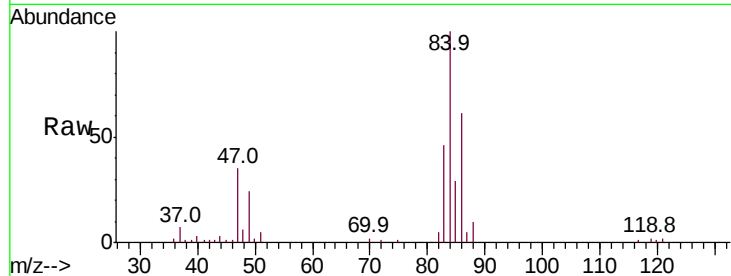
C0F20

Tot Ion: 83 Resp: 18352

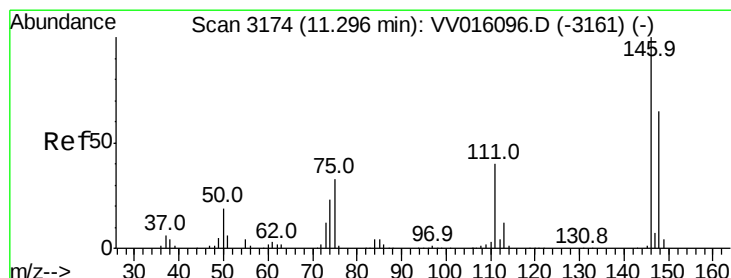
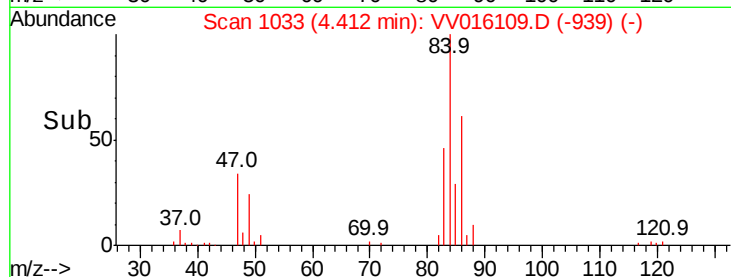
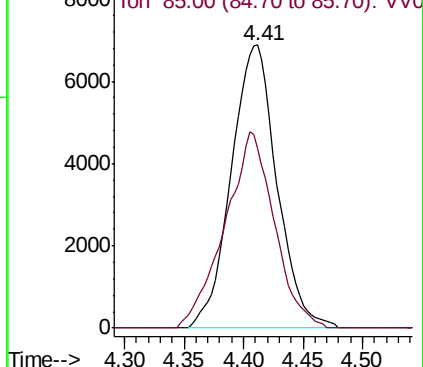
Ion Ratio Lower Upper

83 100

85 63.3 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV016109.D (-939) (-)



#63

1,4-Dichlorobenzene

Concen: 0.936 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. -0.00 min

Lab File: VV016109.D

Acq: 18 May 2020 18:08

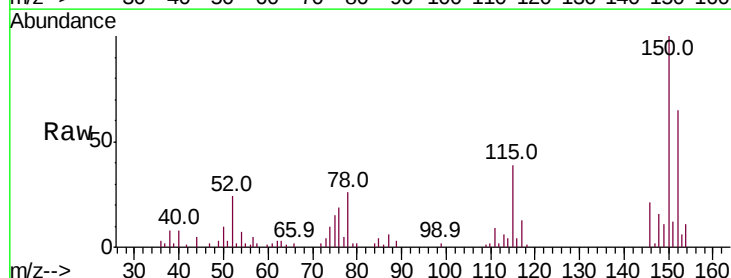
Tgt Ion: 146 Resp: 4270

Ion Ratio Lower Upper

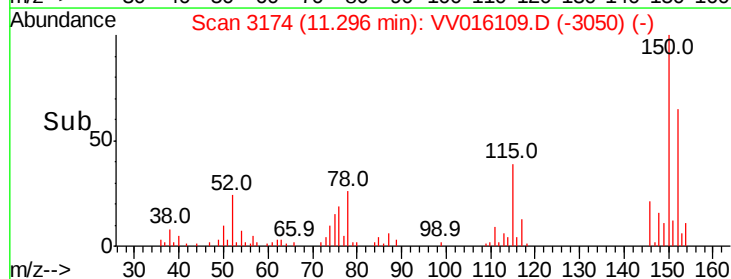
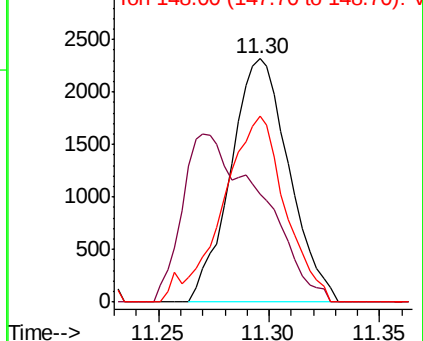
146 100

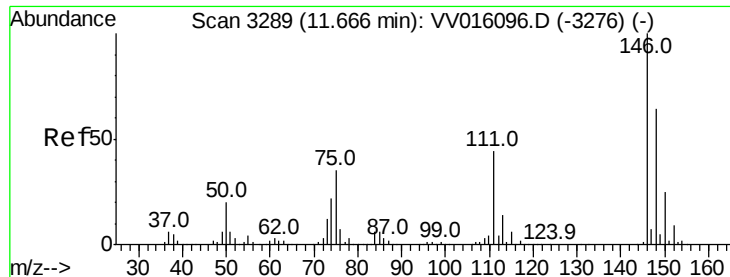
111 44.4 28.1 52.3

148 76.5 45.7 84.9



Abundance Ion 146.00 (145.70 to 146.70): VV016109.D (-3050) (-)

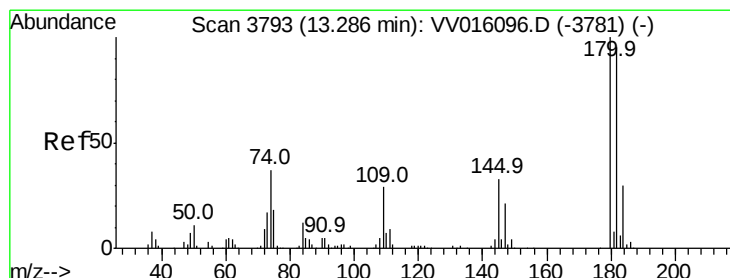
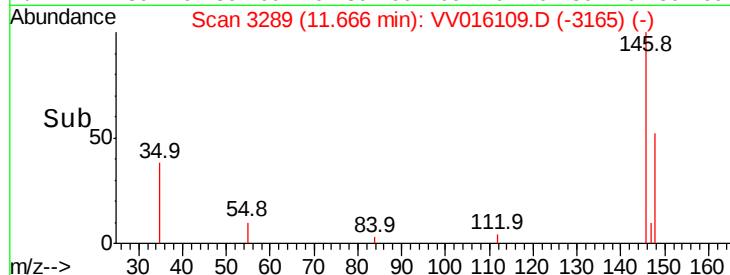
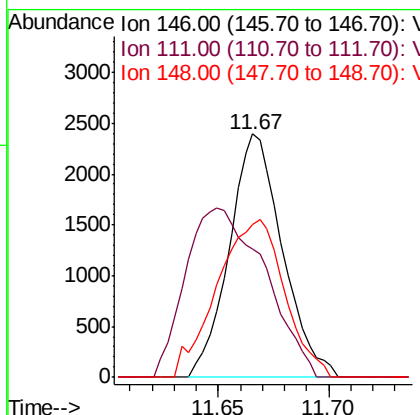
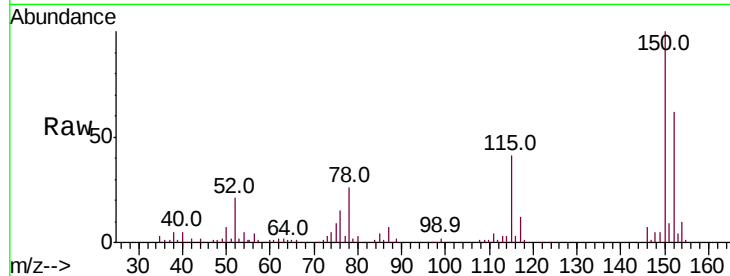




#65
 1,2-Dichlorobenzene
 Concen: 0.887 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV016109.D
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Tot Ion:146 Resp: 3995
 Ion Ratio Lower Upper
 146 100
 111 52.5 35.2 52.8
 148 62.9 51.4 77.2



#68
 1,2,4-trichlorobenzene
 Concen: 0.912 ug/L
 RT: 13.29 min Scan# 3794
 Delta R.T. 0.00 min
 Lab File: VV016109.D
 Acq: 18 May 2020 18:08

Tgt Ion:180 Resp: 2521
 Ion Ratio Lower Upper
 180 100
 182 88.5 76.2 114.4
 145 33.2 26.2 39.2

