

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111219\
 Data File : VY000648.D
 Acq On : 12 Nov 2019 11:31
 Operator : SY/MD
 Sample : VIBLK78
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK78

Quant Time: Nov 13 02:57:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM111219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 13 02:50:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	412095	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	375834	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	175638	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	121895	20.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.76%
7) Chloroethane-d5	2.76	69	105089	20.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.28%
10) 1,1-Dichloroethene-d2	3.85	63	156500	14.56	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.24%
20) 2-Butanone-d5	6.90	46	104154	43.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.74%
24) Chloroform-d	7.49	84	203223	18.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.16%
26) 1,2-Dichloroethane-d4	8.15	65	125274	19.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.92%
29) Benzene-d6	8.12	84	432385	19.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.24%
33) 1,2-Dichloropropane-d6	9.13	67	136981	20.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.12%
37) Toluene-d8	10.18	98	393144	19.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.12%
38) trans-1,3-Dichloropropene-	10.44	79	63888	20.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.08%
39) 2-Hexanone-d5	10.79	63	77423	41.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.76%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	125669	18.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.56%
61) 1,2-Dichlorobenzene-d4	13.72	152	135640	19.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.24%

Target Compounds

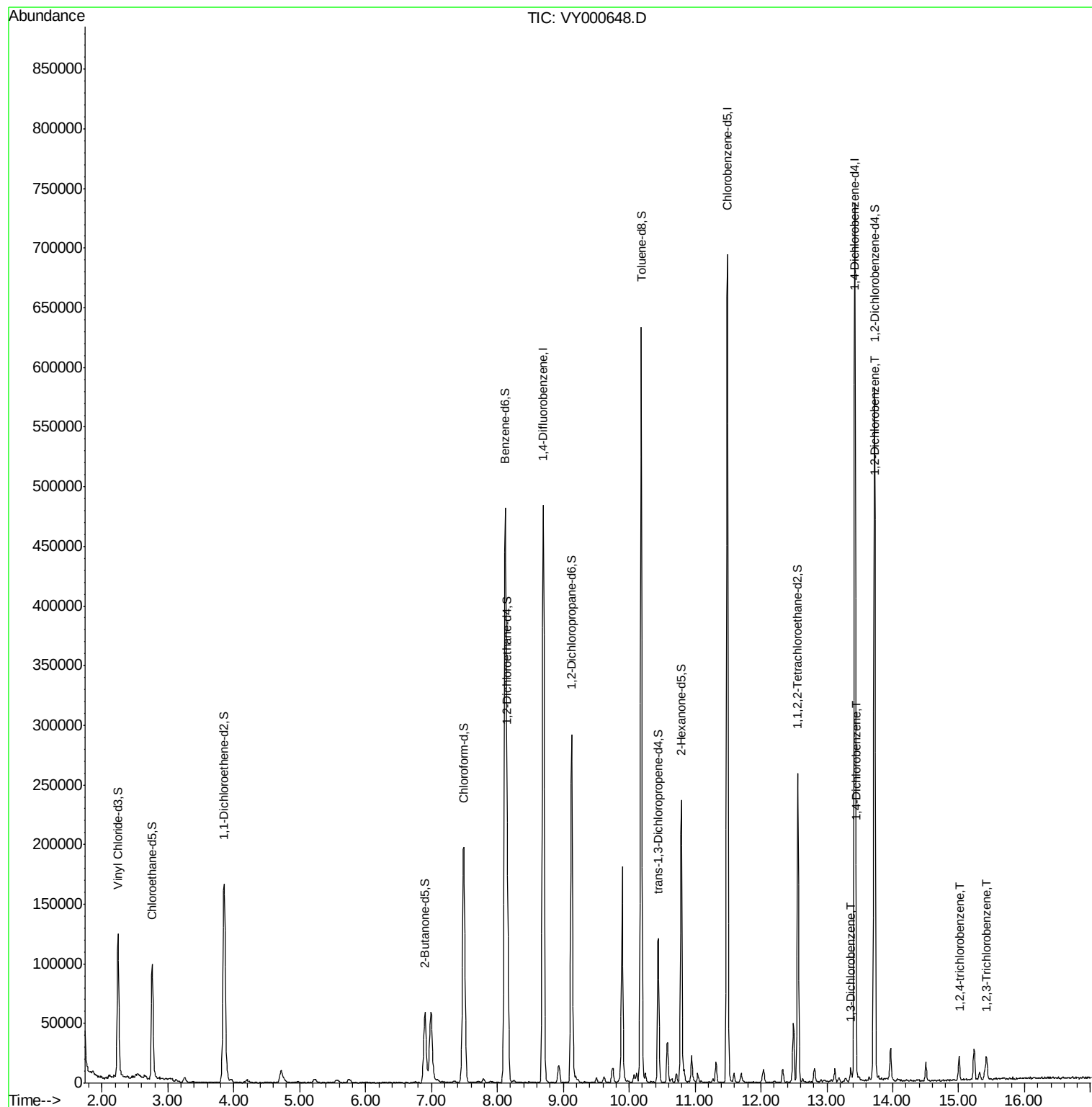
					Ovalue
63) 1,3-Dichlorobenzene	13.37	146	4306	0.344 ug/L	83
64) 1,4-Dichlorobenzene	13.45	146	5664	0.452 ug/L	94
65) 1,2-Dichlorobenzene	13.73	146	4874	0.420 ug/L #	82
68) 1,2,4-trichlorobenzene	15.01	180	5847	0.749 ug/L	97
70) 1,2,3-Trichlorobenzene	15.42	180	5313	0.732 ug/L	89

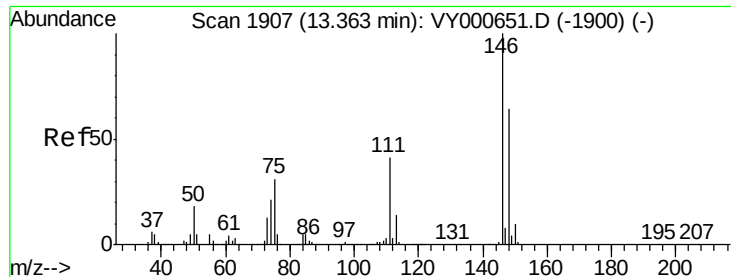
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Nov 13 02:50:50 2019
Response via : Initial Calibration





#63

1,3-Dichlorobenzene

Concen: 0.344 ug/L

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY000648.D

Acq: 12 Nov 2019 11:31

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VIBLK78

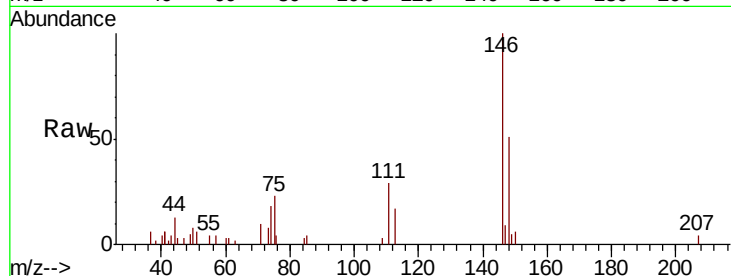
Tot Ion:146 Resp: 4306

Ion Ratio Lower Upper

146 100

111 29.4 28.8 53.6

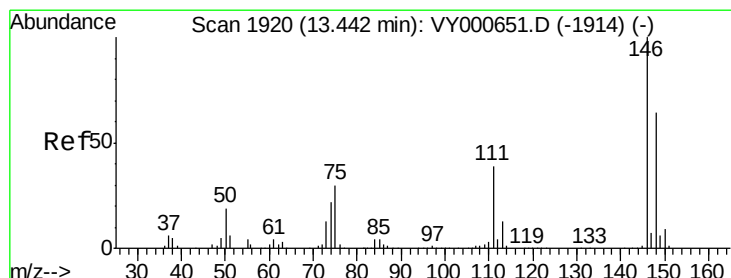
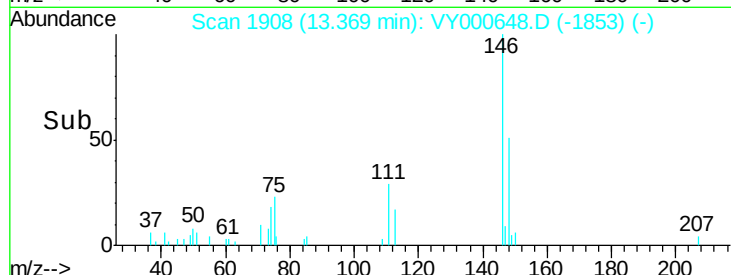
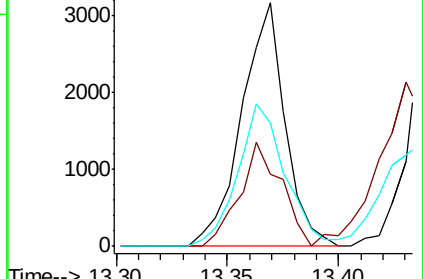
148 50.6 44.3 82.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#64

1,4-Dichlorobenzene

Concen: 0.452 ug/L

RT: 13.45 min Scan# 1921

Delta R.T. 0.01 min

Lab File: VY000648.D

Acq: 12 Nov 2019 11:31

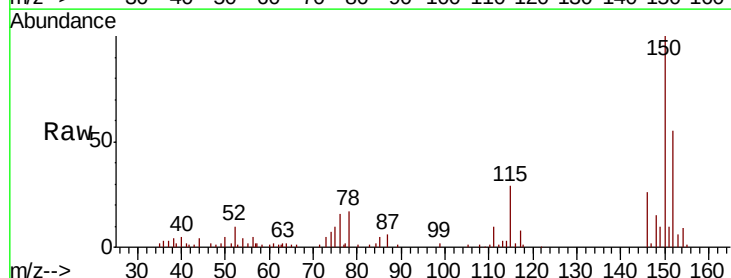
Tgt Ion:146 Resp: 5664

Ion Ratio Lower Upper

146 100

111 36.7 26.7 49.5

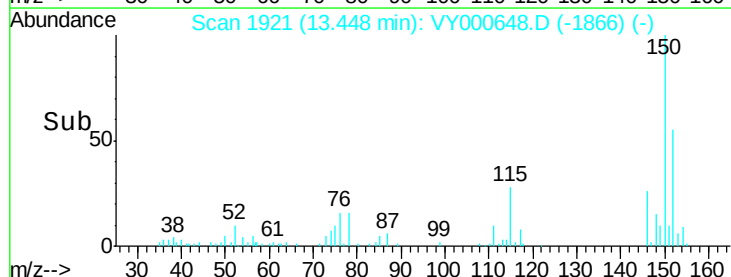
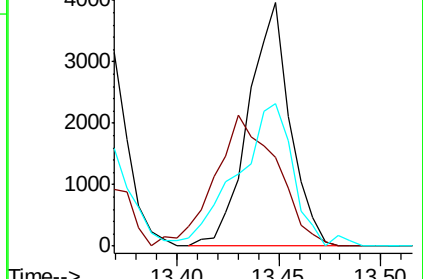
148 58.4 45.2 84.0

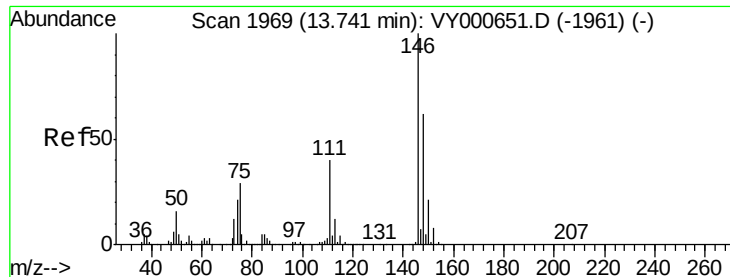


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

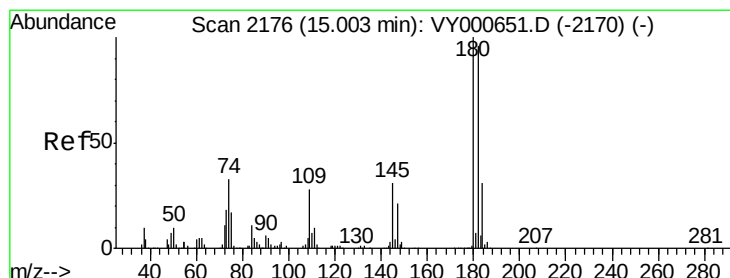
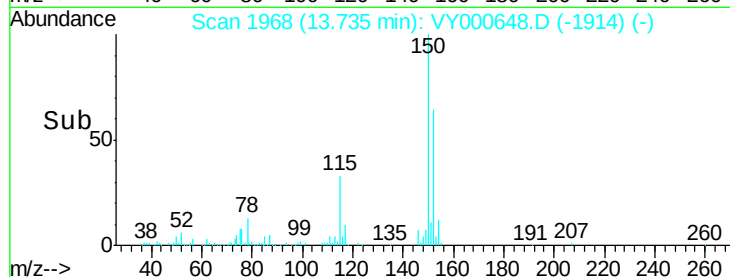
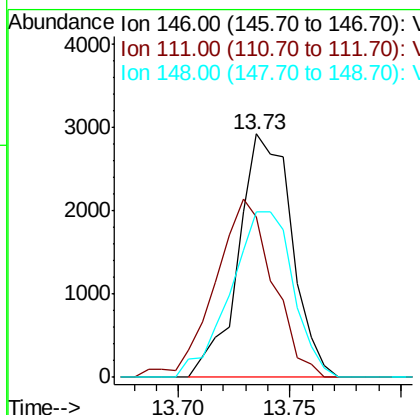
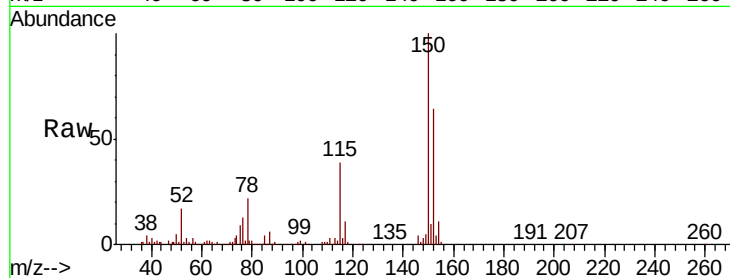




#65
 1,2-Dichlorobenzene
 Concen: 0.420 ug/L
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000648.D
 Acq: 12 Nov 2019 11:31

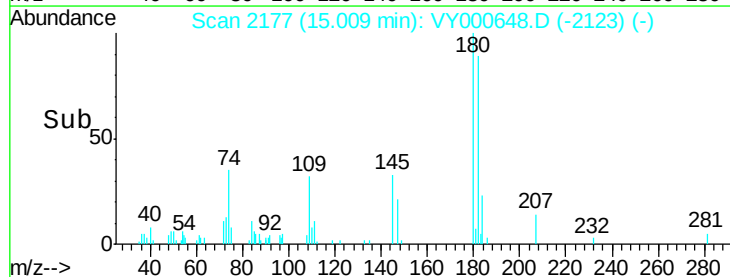
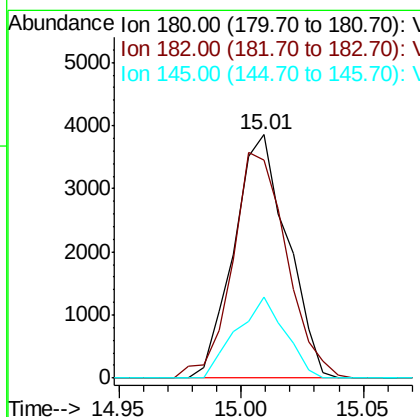
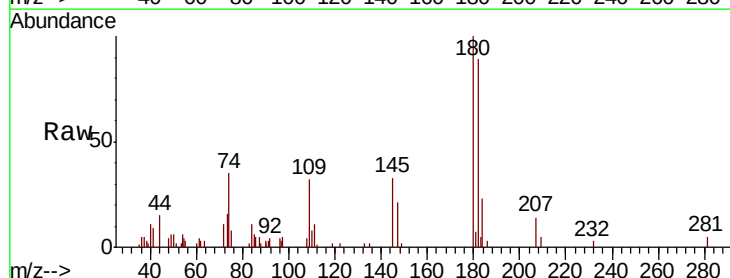
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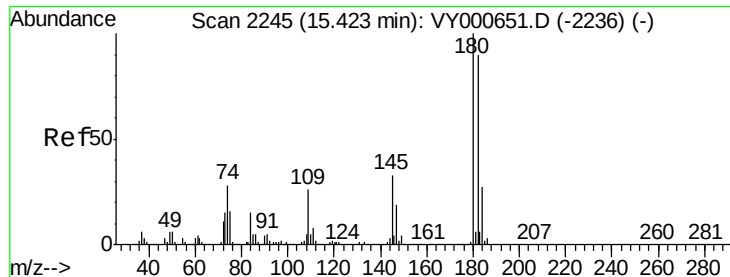
Tot Ion:146 Resp: 4874
 Ion Ratio Lower Upper
 146 100
 111 66.0 33.8 50.8#
 148 68.2 51.0 76.6



#68
 1,2,4-trichlorobenzene
 Concen: 0.749 ug/L
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY000648.D
 Acq: 12 Nov 2019 11:31

Tgt Ion:180 Resp: 5847
 Ion Ratio Lower Upper
 180 100
 182 94.1 77.5 116.3
 145 30.4 25.4 38.2





#70
 1,2,3-Trichlorobenzene
 Concen: 0.732 ug/L
 RT: 15.42 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: VY000648.D
 Acq: 12 Nov 2019 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK78

Tot Ion	Ratio	Lower	Upper
180	100		
182	108.0	76.2	114.4
145	36.1	26.6	39.8

