

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040220\
 Data File : VV015372.D
 Acq On : 02 Apr 2020 14:23
 Operator : SY/MD
 Sample : VIBLK62
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK62

Quant Time: Apr 03 02:47:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 03 01:25:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	684777	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	649185	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	294295	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	224640	36.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.18%
7) Chloroethane-d5	1.58	69	204770	39.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.08%
11) 1,1-Dichloroethene-d2	2.12	63	350679	31.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.90%
21) 2-Butanone-d5	3.94	46	314225	96.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.29%
24) Chloroform-d	4.38	84	424519	41.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.76%
26) 1,2-Dichloroethane-d4	5.06	65	281717	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.24%
32) Benzene-d6	5.07	84	886915	44.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.72%
36) 1,2-Dichloropropane-d6	6.09	67	265989	45.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.24%
41) Toluene-d8	7.34	98	852646	44.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.64	79	138059	42.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.78%
47) 2-Hexanone-d5	8.12	63	244610	90.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	384441	45.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	319109	47.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.34%

Target Compounds

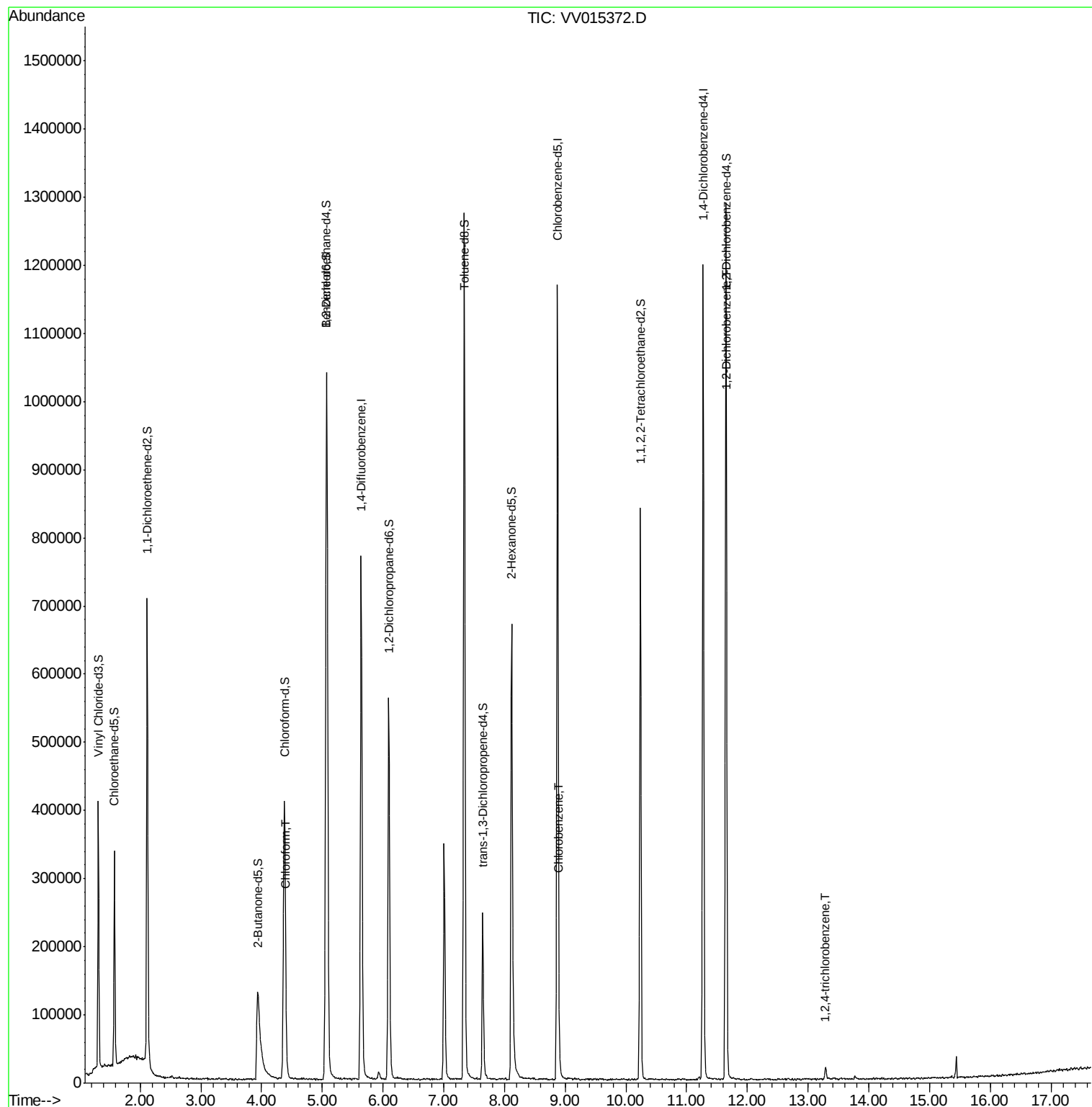
					Ovalue
25) Chloroform	4.41	83	12272	1.329 ug/L	99
51) Chlorobenzene	8.90	112	10551	0.754 ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	9160	0.906 ug/L	92
68) 1,2,4-trichlorobenzene	13.29	180	4994	0.833 ug/L #	89

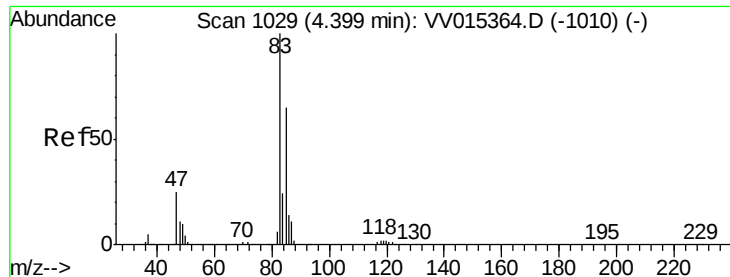
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 1.329 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV015372.D

Acq: 02 Apr 2020 14:23

Instrument :

MSVOA_V

ClientSampleId :

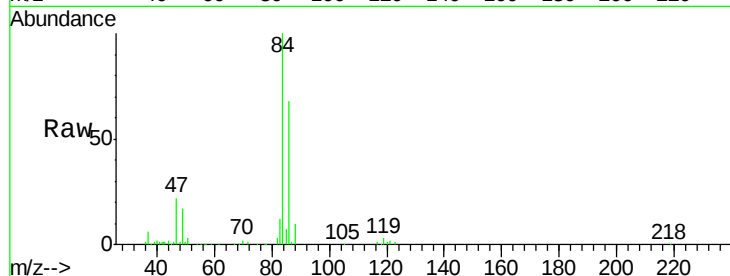
VIBLK62

Tot Ion: 83 Resp: 12272

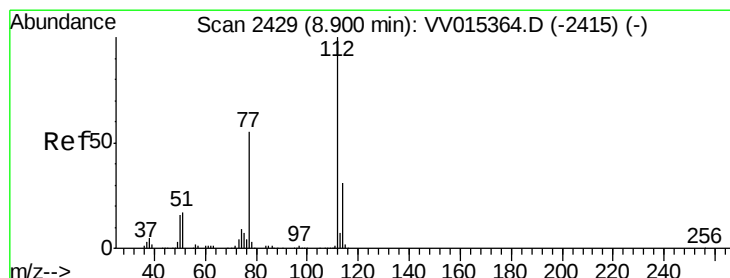
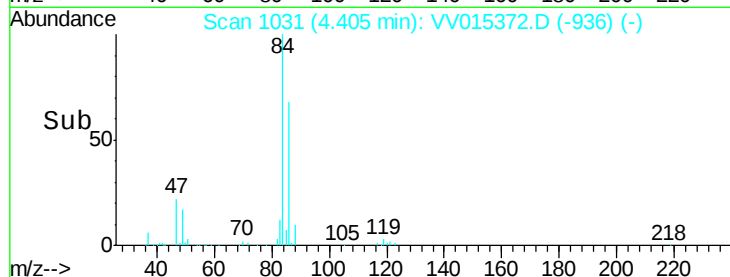
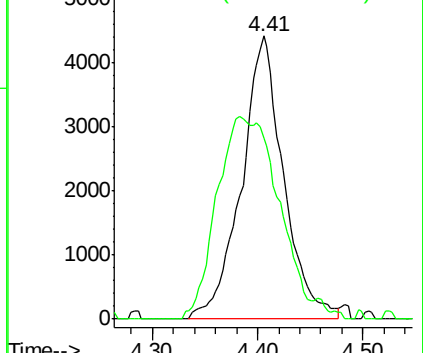
Ion Ratio Lower Upper

83 100

85 64.1 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV015372.D (-936) (-)



#51

Chlorobenzene

Concen: 0.754 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV015372.D

Acq: 02 Apr 2020 14:23

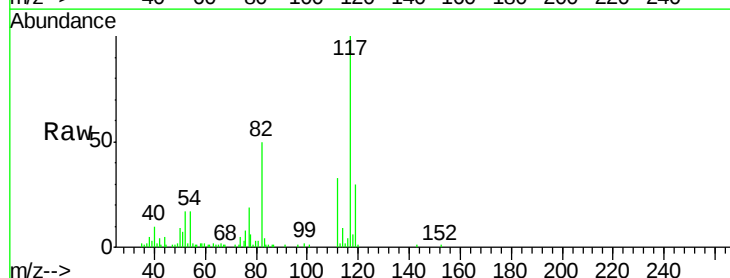
Tgt Ion: 112 Resp: 10551

Ion Ratio Lower Upper

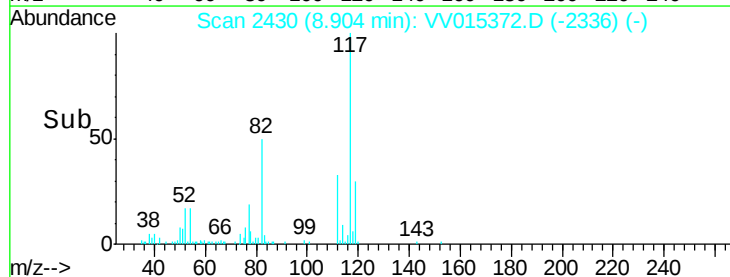
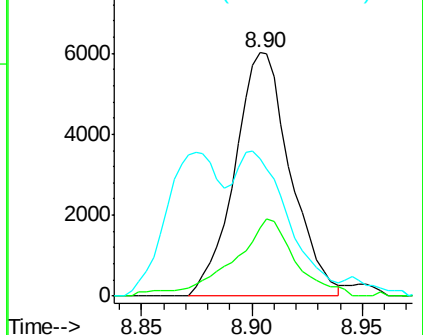
112 100

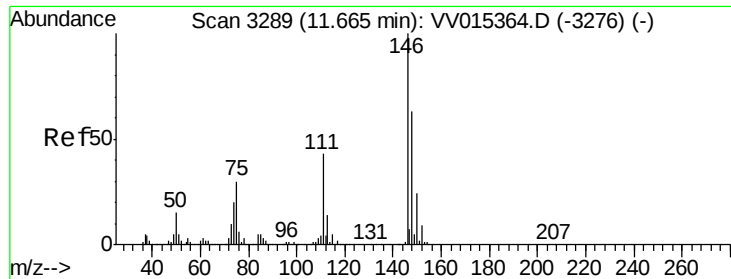
114 27.9 21.8 40.4

77 56.2 46.2 69.2



Abundance Ion 112.00 (111.70 to 112.70): VV015372.D (-2336) (-)

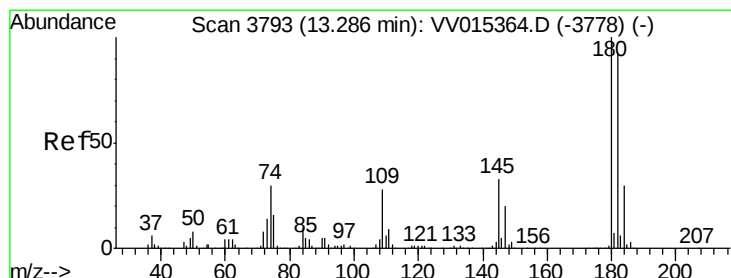
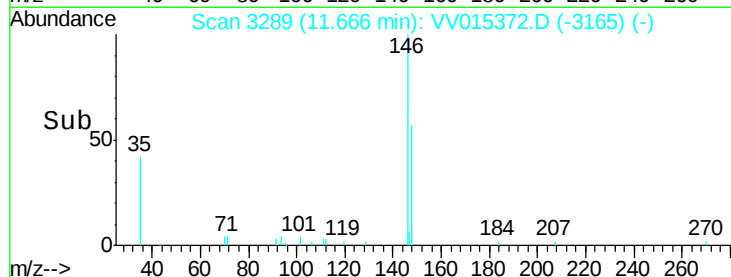
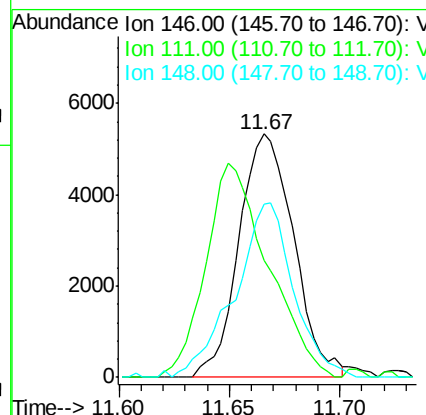
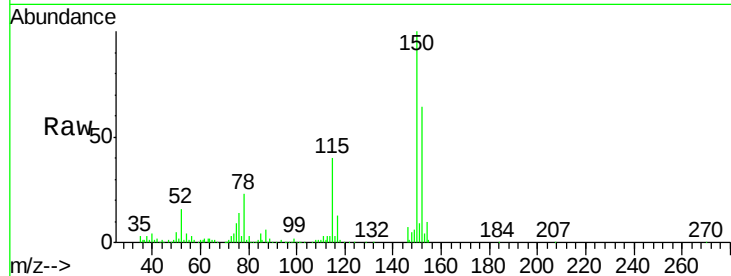




#65
 1,2-Dichlorobenzene
 Concen: 0.906 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
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Tot Ion:146 Resp: 9160
 Ion Ratio Lower Upper
 146 100
 111 48.2 35.1 52.7
 148 71.2 51.0 76.4



#68
 1,2,4-trichlorobenzene
 Concen: 0.833 ug/L
 RT: 13.29 min Scan# 3794
 Delta R.T. 0.00 min
 Lab File: VV015372.D
 Acq: 02 Apr 2020 14:23

Tgt Ion:180 Resp: 4994
 Ion Ratio Lower Upper
 180 100
 182 90.6 75.8 113.8
 145 18.1 27.7 41.5#

