

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072220\
 Data File : VV017591.D
 Acq On : 22 Jul 2020 15:48
 Operator : SY/MD
 Sample : L3386-02DL 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0F83DL

Quant Time: Jul 23 06:24:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 05:23:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	302484	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	289850	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145987	50.00	ug/L	0.00

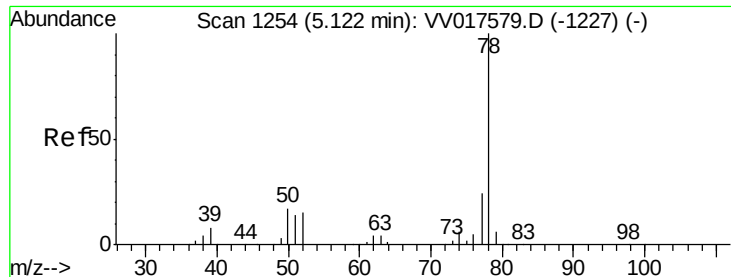
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84257	45.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.28%
7) Chloroethane-d5	1.58	69	60851	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.92%
11) 1,1-Dichloroethene-d2	2.12	63	133077	35.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.64%
21) 2-Butanone-d5	3.91	46	139476	98.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.78%
24) Chloroform-d	4.38	84	207472	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.86%
26) 1,2-Dichloroethane-d4	5.06	65	149925	51.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.22%
32) Benzene-d6	5.07	84	384380	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.32%
36) 1,2-Dichloropropane-d6	6.09	67	115548	49.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.46%
41) Toluene-d8	7.34	98	362155	49.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.14%
43) trans-1,3-Dichloropropene-	7.64	79	65408	48.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.26%
47) 2-Hexanone-d5	8.11	63	104421	98.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.03%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	162492	49.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	162404	53.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.30%

Target Compounds

					Ovalue
33) Benzene	5.13	78	168489	19.774	ug/L 100
51) Chlorobenzene	8.90	112	775167	124.754	ug/L 99
62) 1,3-Dichlorobenzene	11.21	146	36489	7.444	ug/L 99
63) 1,4-Dichlorobenzene	11.30	146	279763	55.917	ug/L 99
65) 1,2-Dichlorobenzene	11.67	146	377685	76.001	ug/L 99
68) 1,2,4-trichlorobenzene	13.29	180	49169	14.326	ug/L 98
70) 1,2,3-Trichlorobenzene	13.77	180	11781	3.432	ug/L 92

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



#33

Benzene

Concen: 19.774 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV017591.D

Acq: 22 Jul 2020 15:48

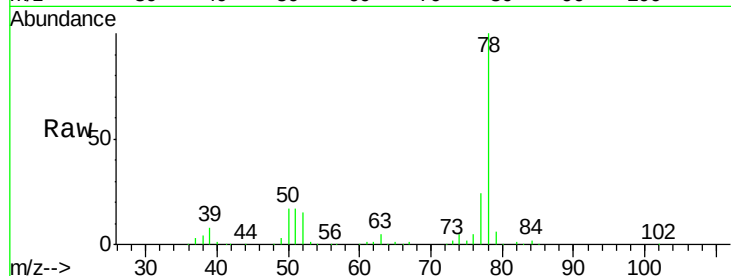
Instrument :

MSVOA_V

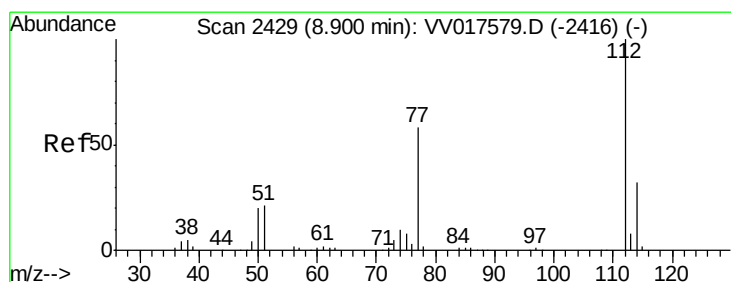
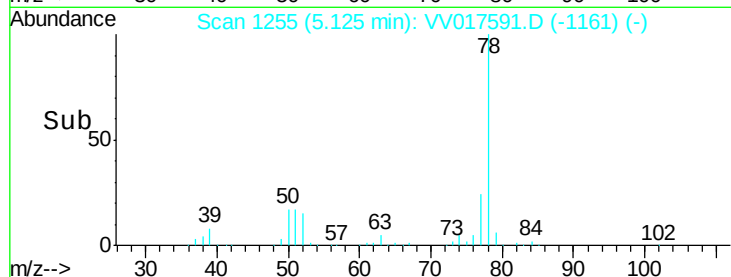
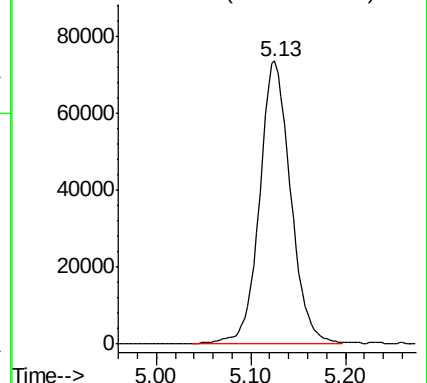
ClientSampleId :

C0F83DL

Tgt Ion: 78 Resp: 168489



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 124.754 ug/L

RT: 8.90 min Scan# 2430

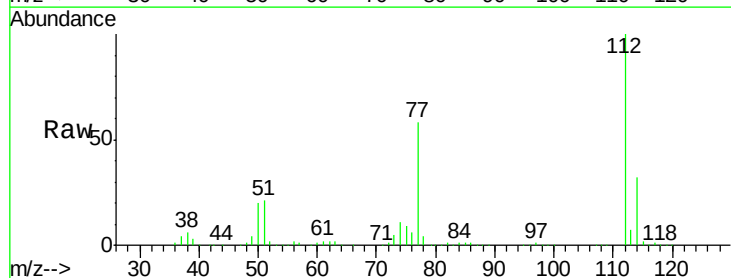
Delta R.T. 0.00 min

Lab File: VV017591.D

Acq: 22 Jul 2020 15:48

Tgt Ion: 112 Resp: 775167

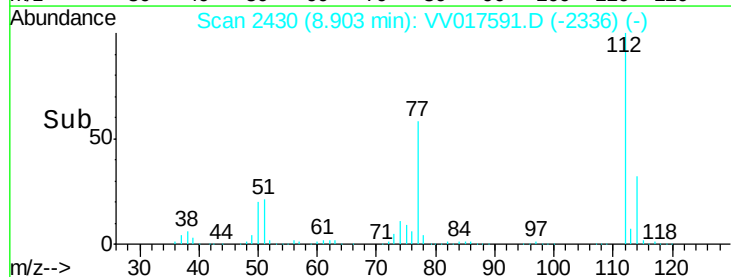
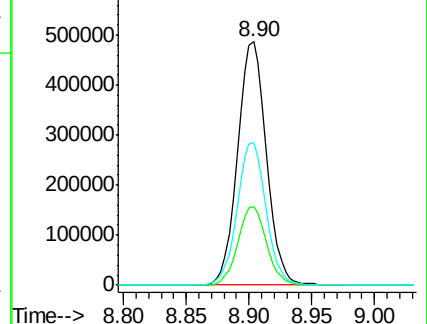
Ion	Ratio	Lower	Upper
112	100		
114	32.2	21.9	40.7
77	58.3	46.1	69.1

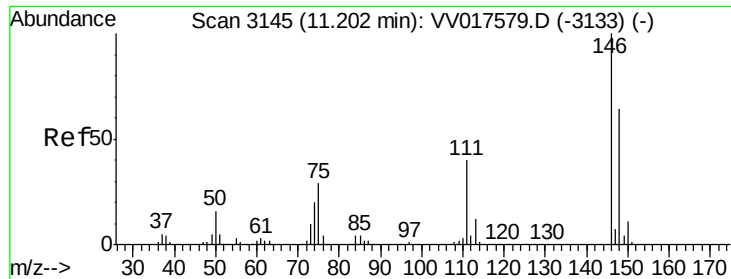


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#62

1,3-Dichlorobenzene

Concen: 7.444 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV017591.D

Acq: 22 Jul 2020 15:48

Instrument :

MSVOA_V

ClientSampleId :

C0F83DL

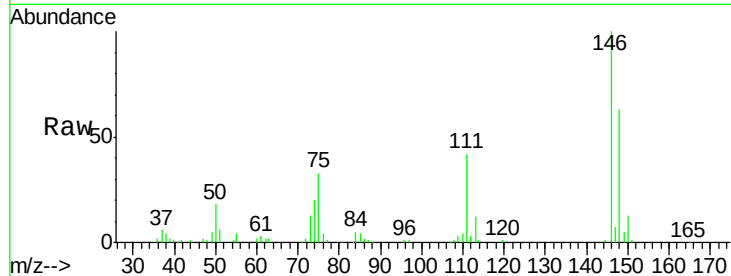
Tot Ion:146 Resp: 36489

Ion Ratio Lower Upper

146 100

111 42.1 28.2 52.4

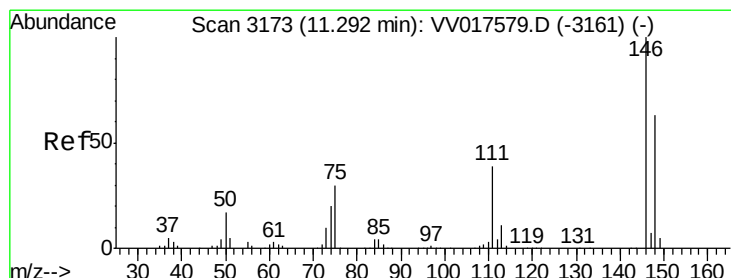
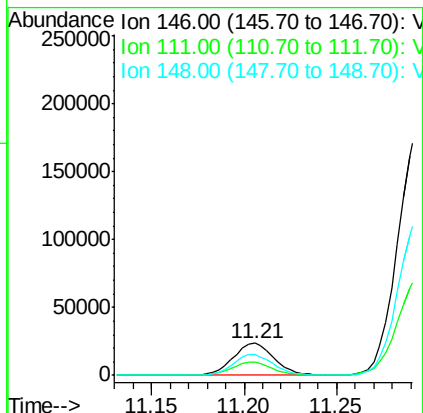
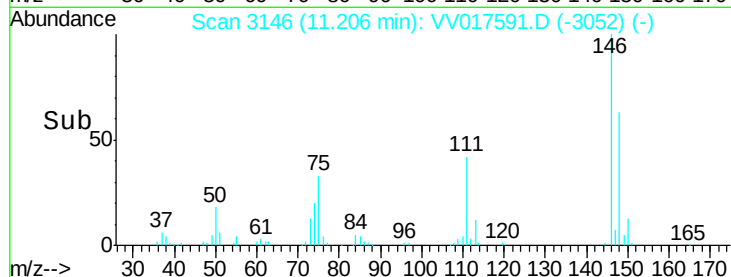
148 63.4 44.7 82.9



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



#63

1,4-Dichlorobenzene

Concen: 55.917 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV017591.D

Acq: 22 Jul 2020 15:48

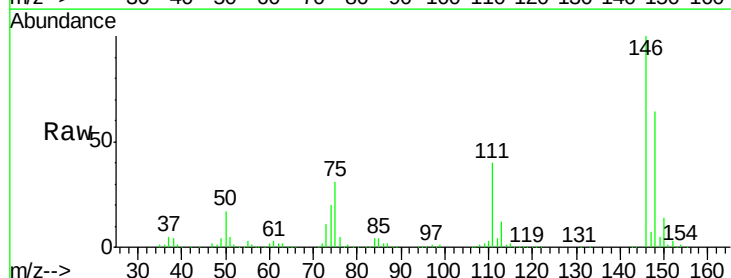
Tgt Ion:146 Resp: 279763

Ion Ratio Lower Upper

146 100

111 39.7 27.3 50.7

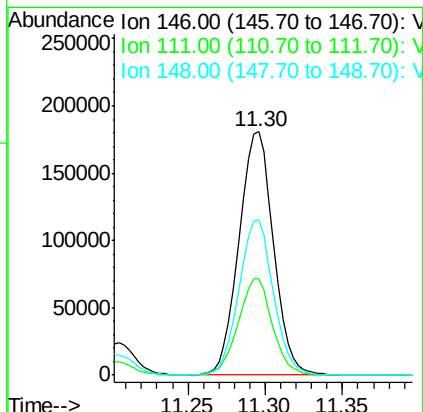
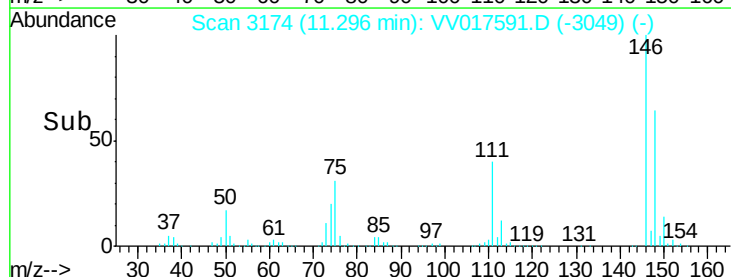
148 63.6 45.1 83.9

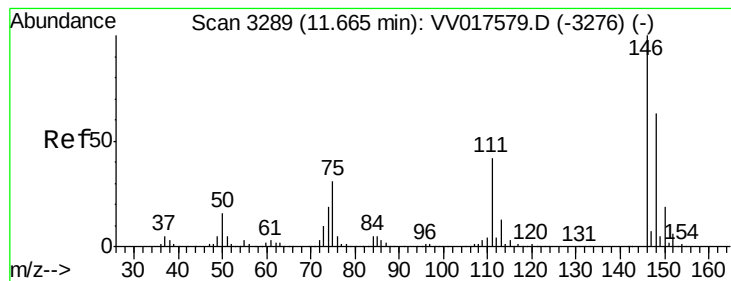


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 76.001 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV017591.D

Acq: 22 Jul 2020 15:48

Instrument :

MSVOA_V

ClientSampleId :

C0F83DL

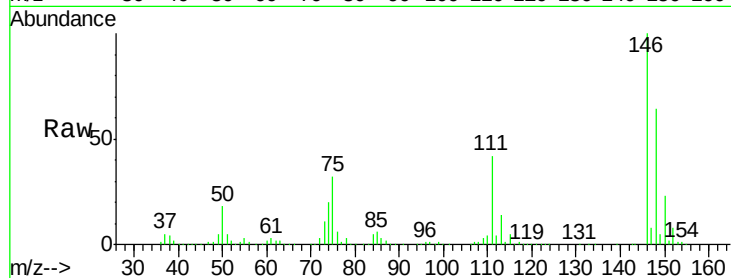
Tot Ion:146 Resp: 377685

Ion Ratio Lower Upper

146 100

111 41.7 32.9 49.3

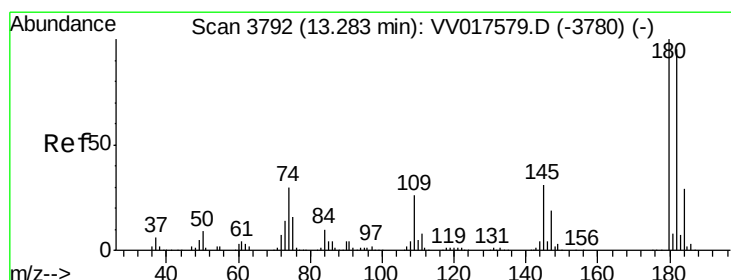
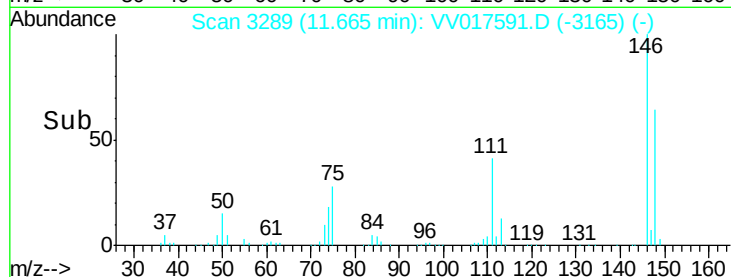
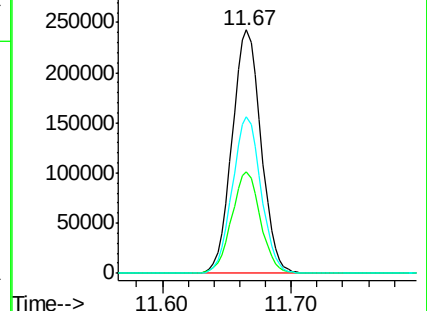
148 64.2 51.0 76.4



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



#68

1,2,4-trichlorobenzene

Concen: 14.326 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.00 min

Lab File: VV017591.D

Acq: 22 Jul 2020 15:48

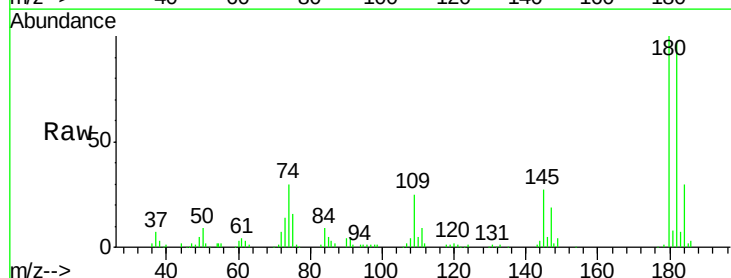
Tgt Ion:180 Resp: 49169

Ion Ratio Lower Upper

180 100

182 93.5 76.2 114.4

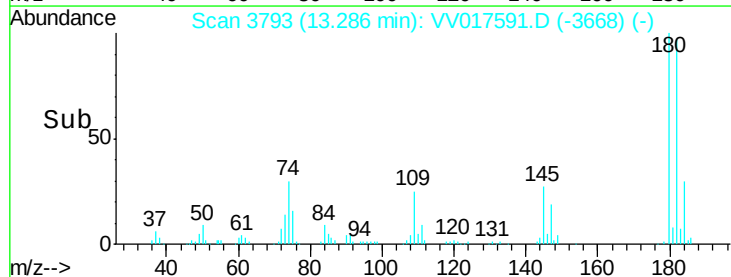
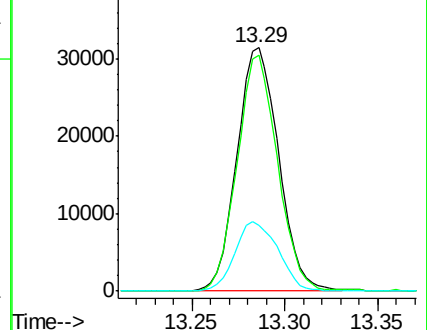
145 29.4 24.1 36.1

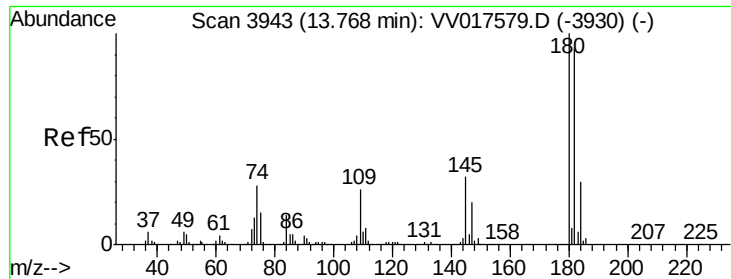


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 3.432 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VV017591.D
 Acq: 22 Jul 2020 15:48

Instrument :
 MSVOA_V
 ClientSampleId :
 C0F83DL

Tot Ion:180 Resp: 11781
 Ion Ratio Lower Upper
 180 100
 182 105.3 75.8 113.8
 145 32.4 25.5 38.3

