

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018541.D
 Acq On : 30 Sep 2020 01:22
 Operator : SY/MD
 Sample : L4141-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FG3

Quant Time: Sep 30 05:40:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 04:50:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	384701	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	369754	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	190347	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101002	44.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.54%
7) Chloroethane-d5	1.58	69	95431	51.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.32%
11) 1,1-Dichloroethene-d2	2.12	63	163592	35.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.18%
21) 2-Butanone-d5	3.92	46	170996	101.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.61%
24) Chloroform-d	4.38	84	221910	45.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.96%
26) 1,2-Dichloroethane-d4	5.06	65	150094	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.92%
32) Benzene-d6	5.08	84	457358	48.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.66%
36) 1,2-Dichloropropane-d6	6.09	67	142438	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.66%
41) Toluene-d8	7.34	98	421317	47.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.64%
43) trans-1,3-Dichloropropene-	7.64	79	69540	45.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.98%
47) 2-Hexanone-d5	8.11	63	92896	86.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.43%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	164698	43.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	185724	50.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.48%

Target Compounds

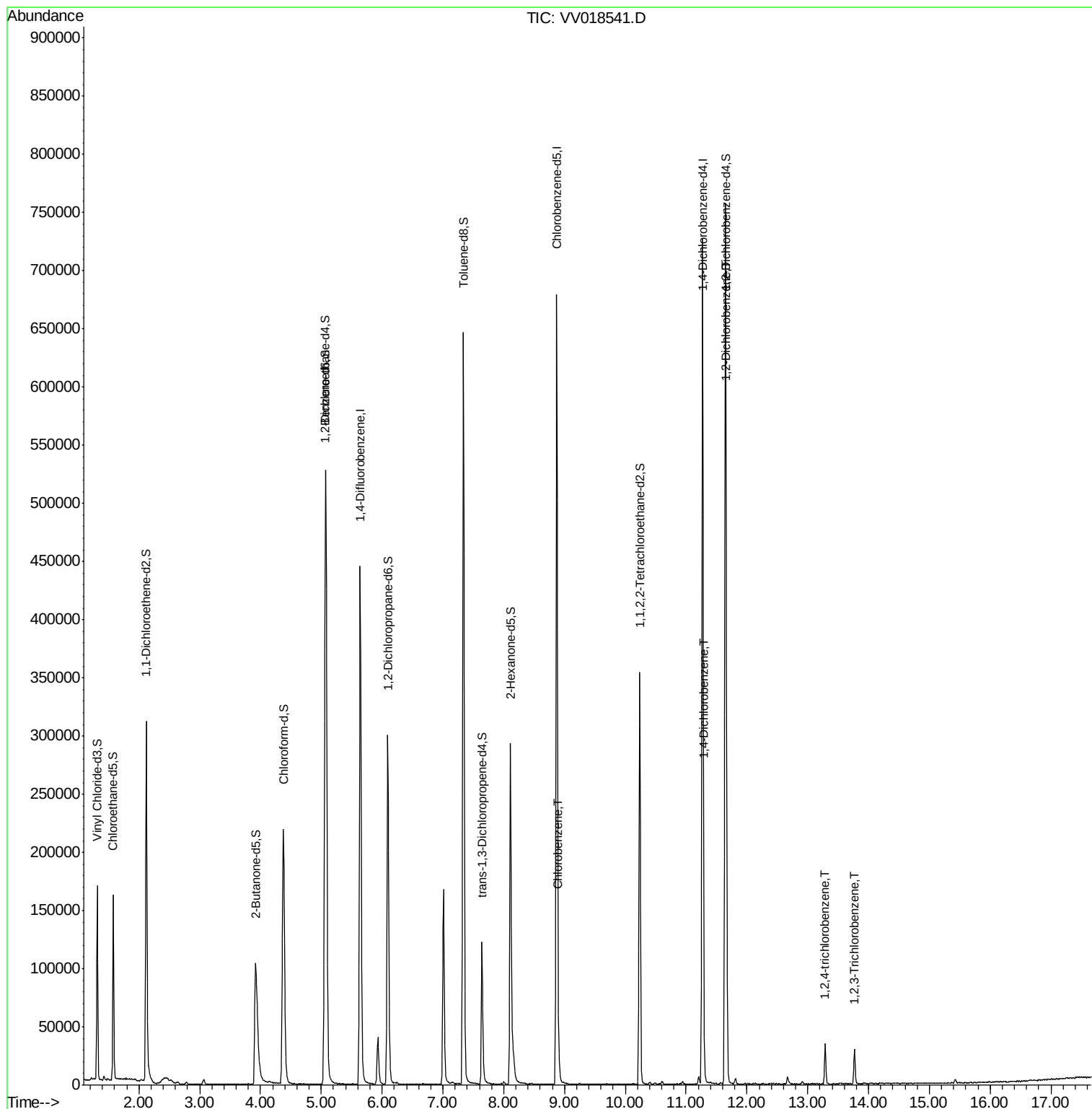
					Ovalue
51) Chlorobenzene	8.90	112	8645	1.087 ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	5353	0.844 ug/L	96
65) 1,2-Dichlorobenzene	11.67	146	68979	11.319 ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	10697	2.694 ug/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	9421	2.363 ug/L	98

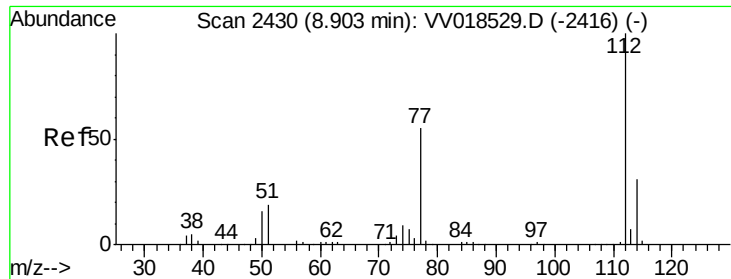
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#51

Chlorobenzene

Concen: 1.087 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV018541.D

Acq: 30 Sep 2020 01:22

Instrument :

MSVOA_V

ClientSampleId :

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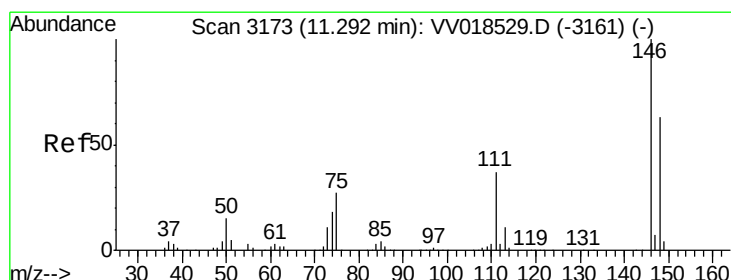
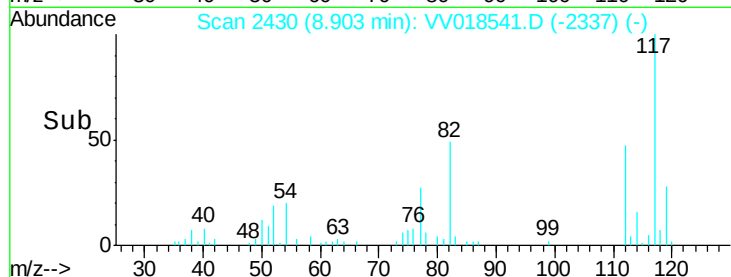
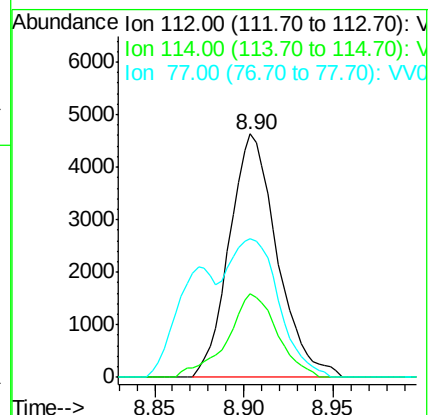
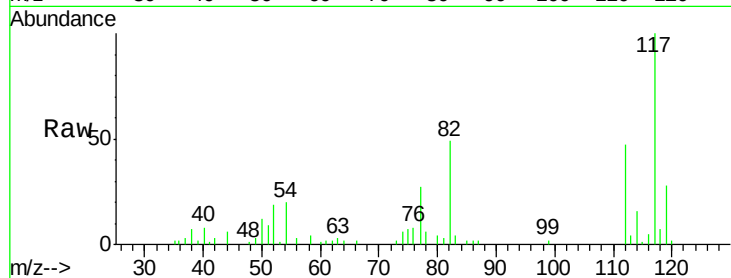
Tot Ion:112 Resp: 8645

Ion Ratio Lower Upper

112 100

114 34.2 22.4 41.6

77 56.8 44.8 67.2



#63

1,4-Dichlorobenzene

Concen: 0.844 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV018541.D

Acq: 30 Sep 2020 01:22

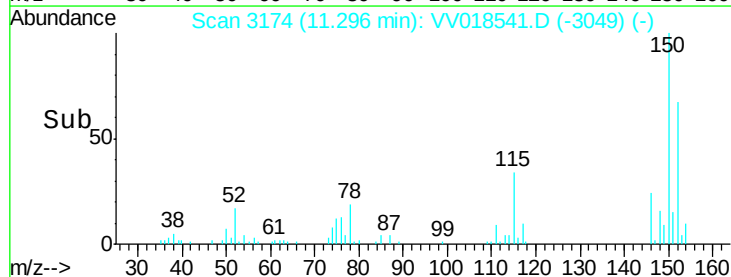
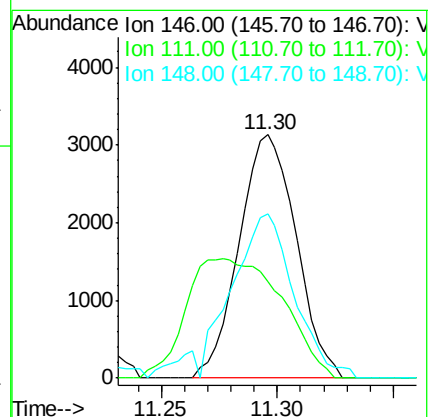
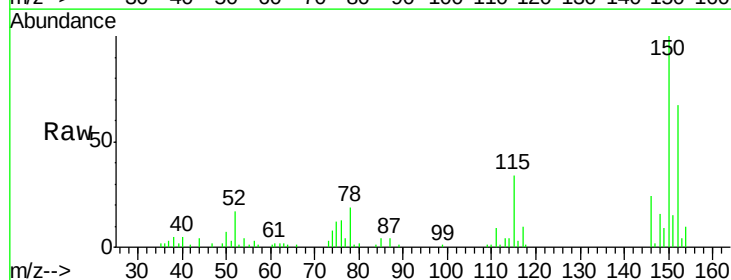
Tgt Ion:146 Resp: 5353

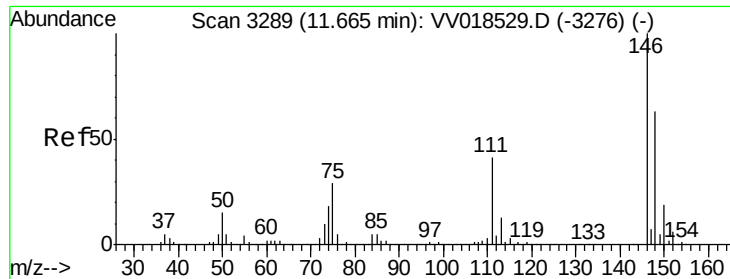
Ion Ratio Lower Upper

146 100

111 39.6 26.2 48.6

148 67.3 44.4 82.5





#65

1,2-Dichlorobenzene

Concen: 11.319 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV018541.D

Acq: 30 Sep 2020 01:22

Instrument :

MSVOA_V

ClientSampleId :

C0FG3

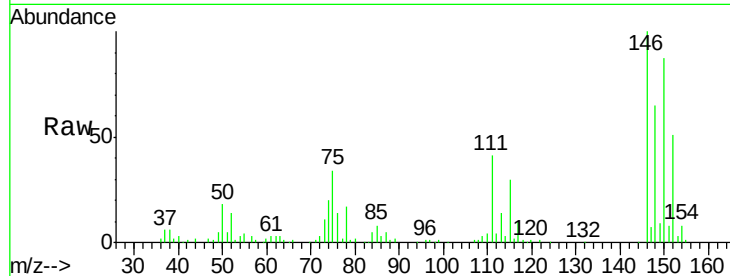
Tot Ion:146 Resp: 68979

Ion Ratio Lower Upper

146 100

111 41.4 32.8 49.2

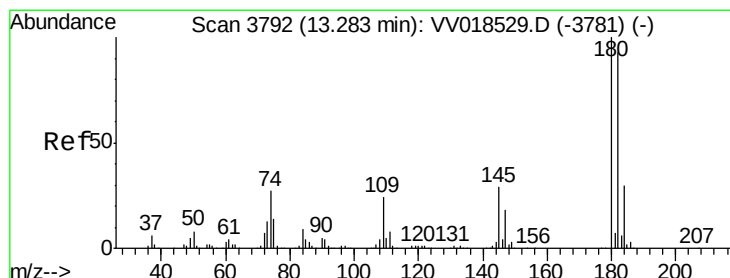
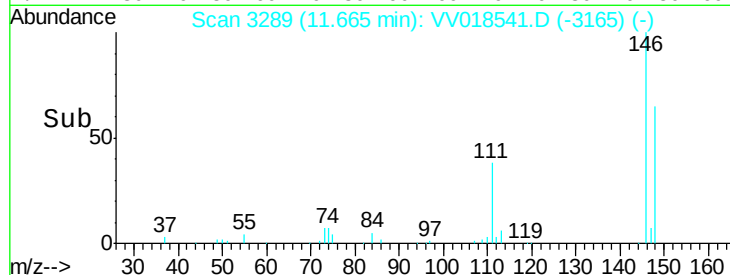
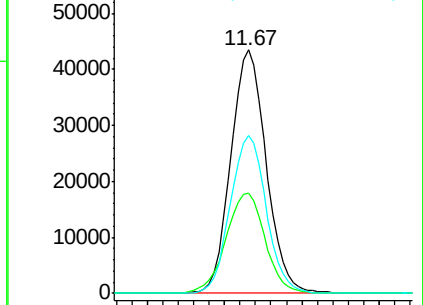
148 64.9 51.9 77.9



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



#68

1,2,4-trichlorobenzene

Concen: 2.694 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.00 min

Lab File: VV018541.D

Acq: 30 Sep 2020 01:22

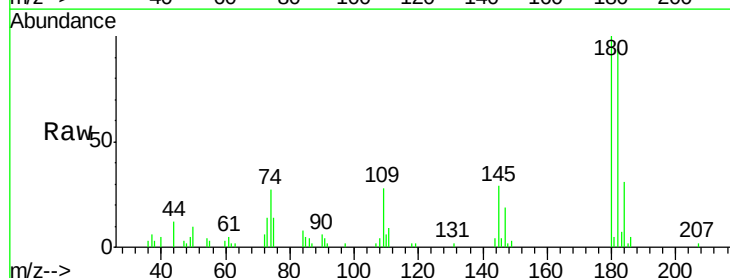
Tgt Ion:180 Resp: 10697

Ion Ratio Lower Upper

180 100

182 93.1 76.3 114.5

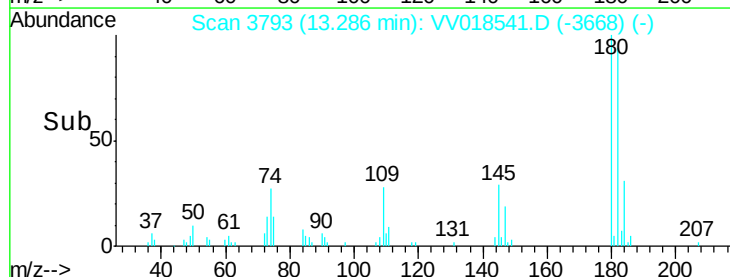
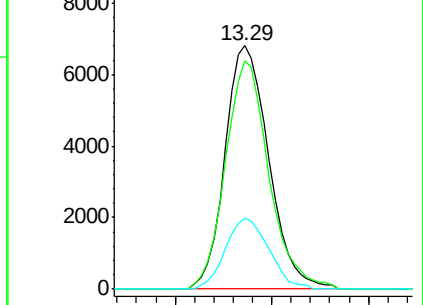
145 28.9 23.6 35.4

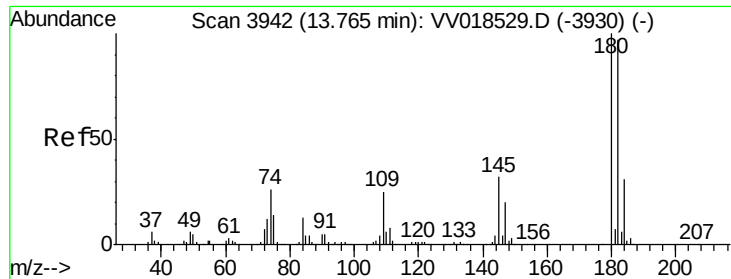


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 2.363 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.01 min
 Lab File: VV018541.D
 Acq: 30 Sep 2020 01:22

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FG3

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.1	115.7
145	31.3	25.1	37.7

