

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016236.D
 Acq On : 27 May 2020 18:29
 Operator : SY/MD
 Sample : L2754-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXA4

Quant Time: May 28 05:18:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 01:17:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	87154	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	85785	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	37901	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27229	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.58	69	25198	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.13	63	39448	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	3.94	46	75054	54.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.12%
24) Chloroform-d	4.38	84	55955	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.06	65	30823	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.08	84	107930	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.10	67	34051	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.34	98	94807	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
45) trans-1,3-Dichloropropene-	7.65	79	11320	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
48) 2-Hexanone-d5	8.12	63	51490	45.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.62%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23582	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	33830	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

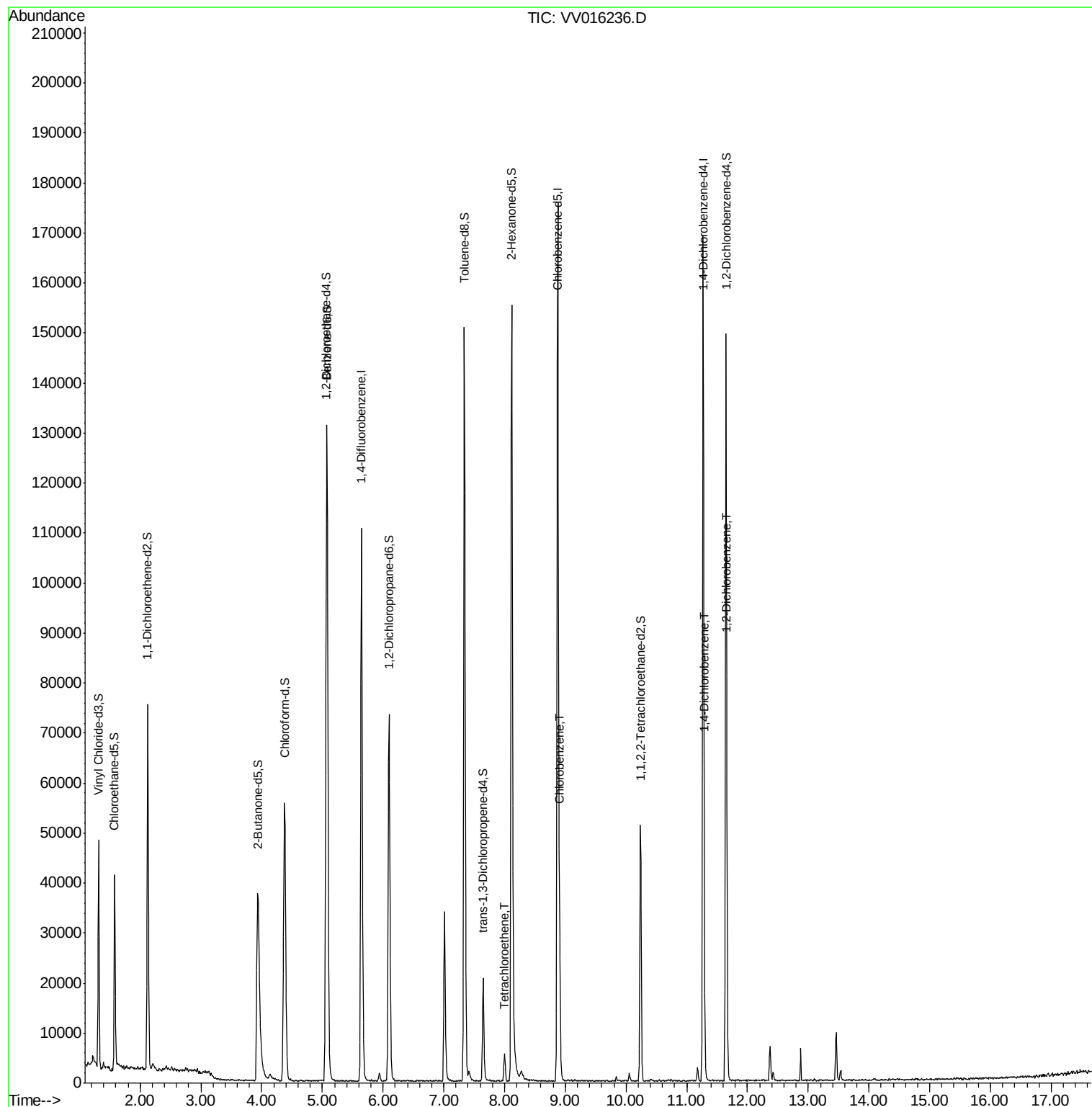
Target Compounds					Ovalue
49) Tetrachloroethene	8.00	164	1169	0.253 ug/L	85
53) Chlorobenzene	8.91	112	14993	0.901 ug/L	96
64) 1,4-Dichlorobenzene	11.30	146	1575	0.134 ug/L	91
66) 1,2-Dichlorobenzene	11.67	146	1193	0.114 ug/L	97

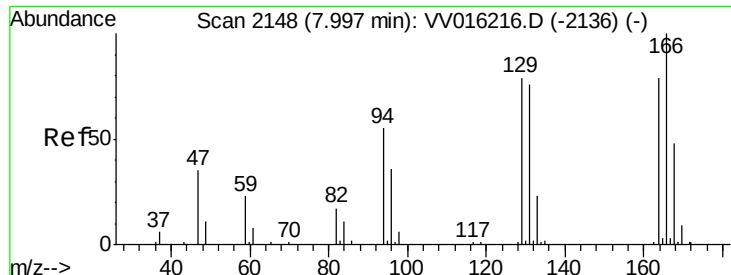
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#49

Tetrachloroethene

Concen: 0.253 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV016236.D

Acq: 27 May 2020 18:29

Instrument :

MSVOA_V

ClientSampleId :

GAXA4

Tot Ion:164 Resp: 1169

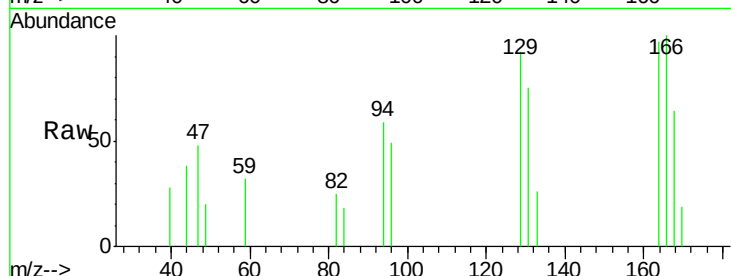
Ion Ratio Lower Upper

164 100

129 94.4 70.7 131.3

131 77.6 66.6 123.8

166 103.2 86.9 161.5

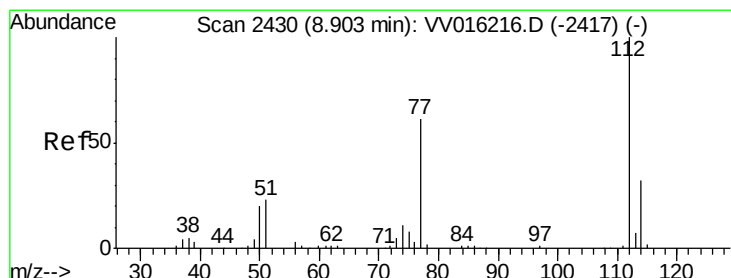
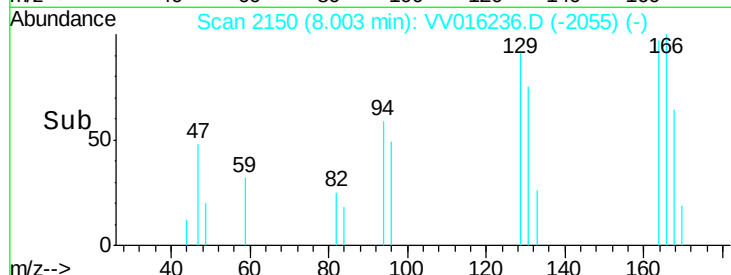
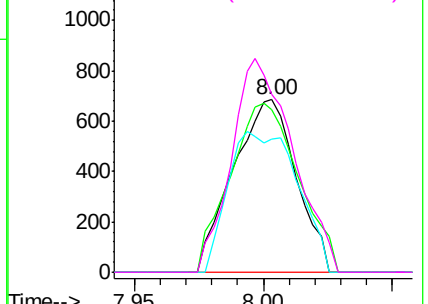


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#53

Chlorobenzene

Concen: 0.901 ug/L

RT: 8.91 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VV016236.D

Acq: 27 May 2020 18:29

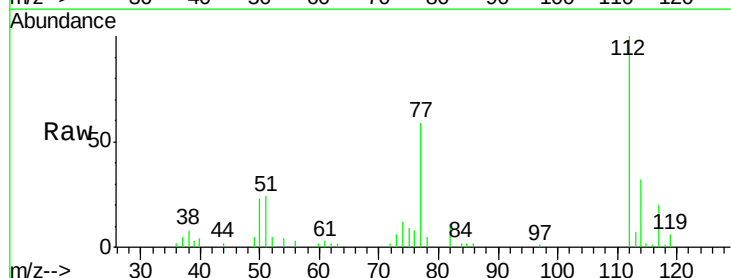
Tgt Ion:112 Resp: 14993

Ion Ratio Lower Upper

112 100

114 32.4 22.3 41.3

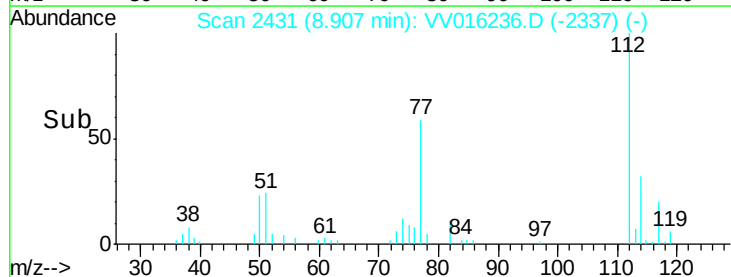
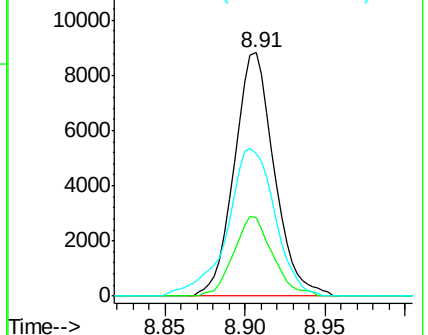
77 58.8 50.7 76.1

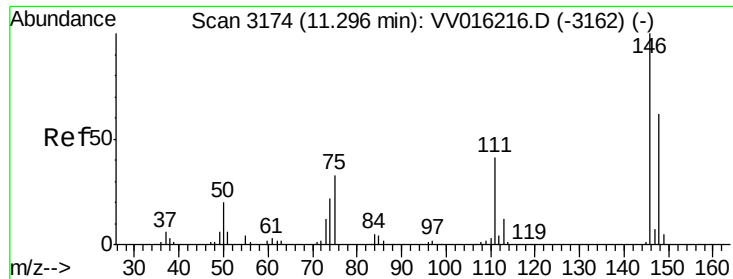


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0

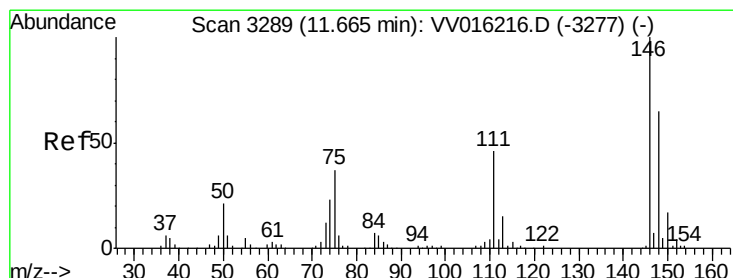
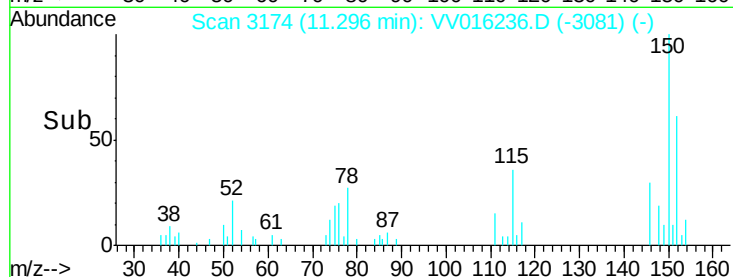
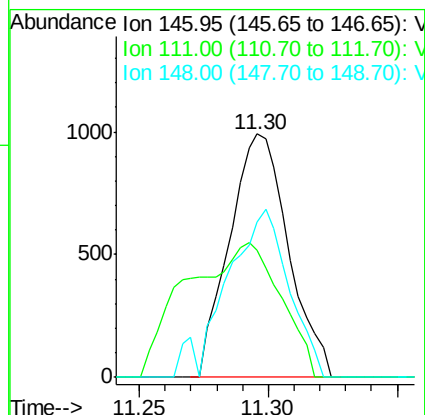
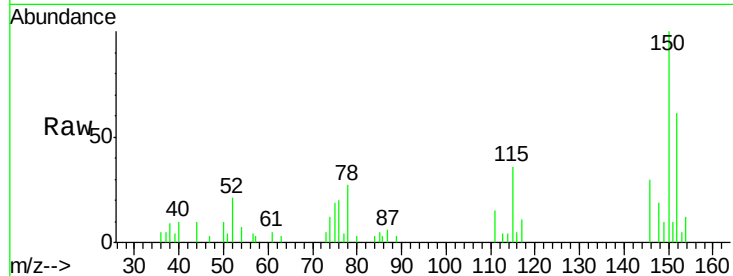




#64
 1,4-Dichlorobenzene
 Concen: 0.134 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV016236.D
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Instrument :
 MSVOA_V
 ClientSampled :
 GAXA4

Tot Ion:146 Resp: 1575
 Ion Ratio Lower Upper
 146 100
 111 52.1 28.3 52.7
 148 64.0 43.3 80.3



#66
 1,2-Dichlorobenzene
 Concen: 0.114 ug/L
 RT: 11.67 min Scan# 3290
 Delta R.T. 0.00 min
 Lab File: VV016236.D
 Acq: 27 May 2020 18:29

Tgt Ion:146 Resp: 1193
 Ion Ratio Lower Upper
 146 100
 111 43.3 35.7 53.5
 148 67.6 51.3 76.9

