

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
 Data File : VV016271.D
 Acq On : 28 May 2020 12:56
 Operator : SY/MD
 Sample : L2753-22
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXF9

Quant Time: May 29 02:01:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 29 01:10:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	88068	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	85120	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	37886	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22154	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.58	69	21502	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.13	63	34035	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	3.94	46	72321	51.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.10%
24) Chloroform-d	4.38	84	49902	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.06	65	27974	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.08	84	97004	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.10	67	30371	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.34	98	85304	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
45) trans-1,3-Dichloropropene-	7.65	79	10134	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
48) 2-Hexanone-d5	8.12	63	50482	45.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.54%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22370	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	30825	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

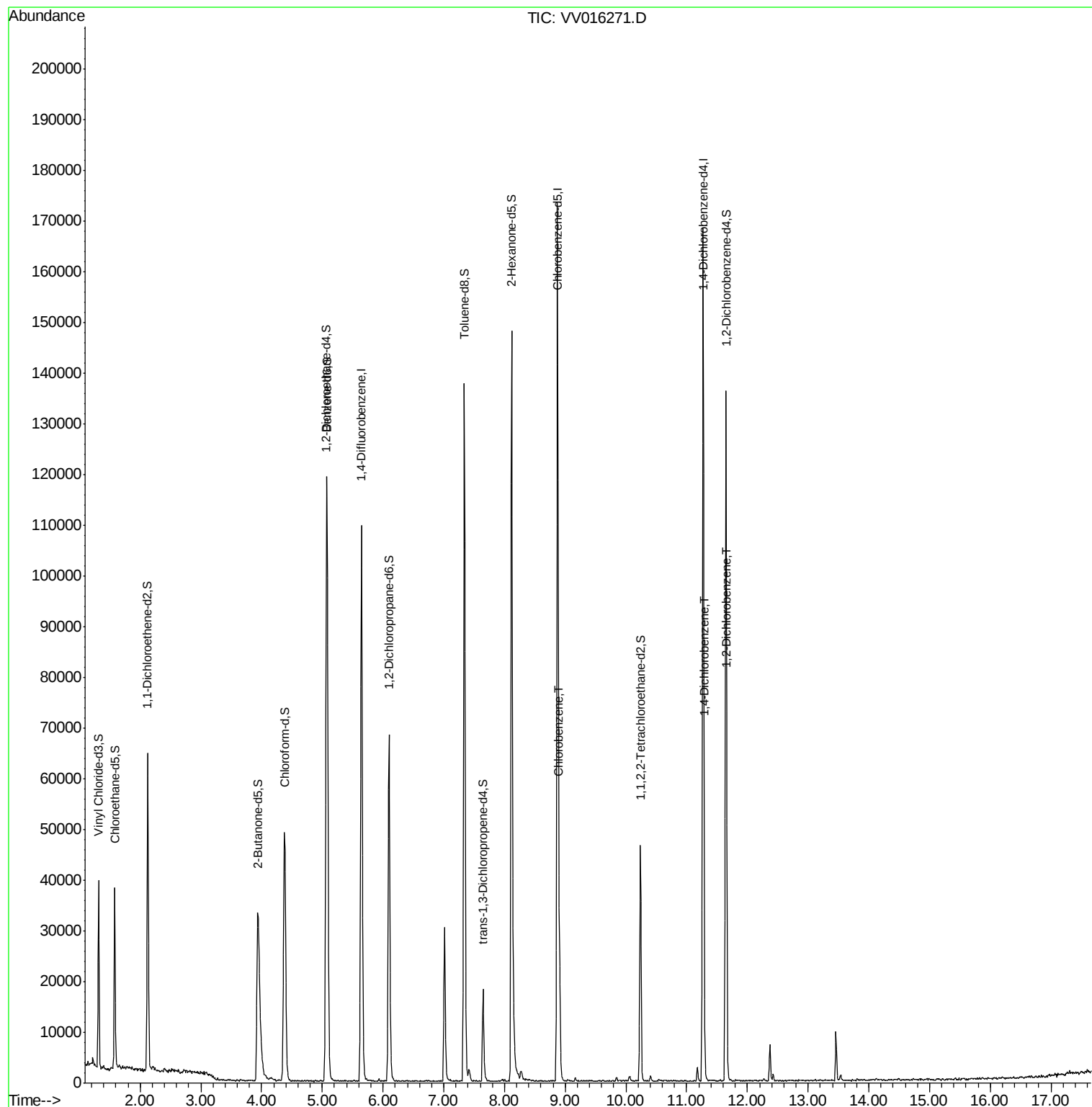
Target Compounds					Ovalue
53) Chlorobenzene	8.90	112	12021	0.728 ug/L	94
64) 1,4-Dichlorobenzene	11.30	146	1248	0.106 ug/L	97
66) 1,2-Dichlorobenzene	11.67	146	1010	0.097 ug/L #	82

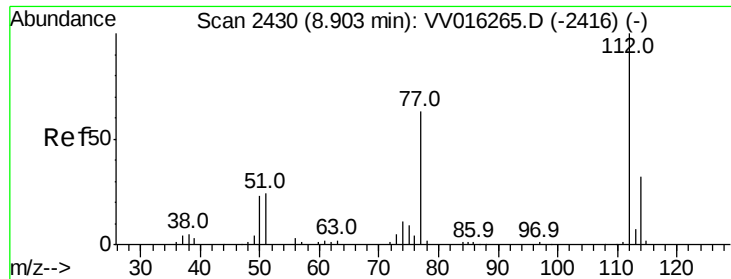
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#53

Chlorobenzene

Concen: 0.728 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. -0.00 min

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Acq: 28 May 2020 12:56

Instrument :

MSVOA_V

ClientSampleId :

GAXF9

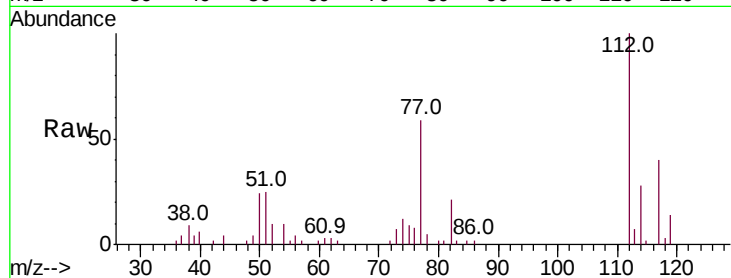
Tot Ion:112 Resp: 12021

Ion Ratio Lower Upper

112 100

114 27.9 22.3 41.3

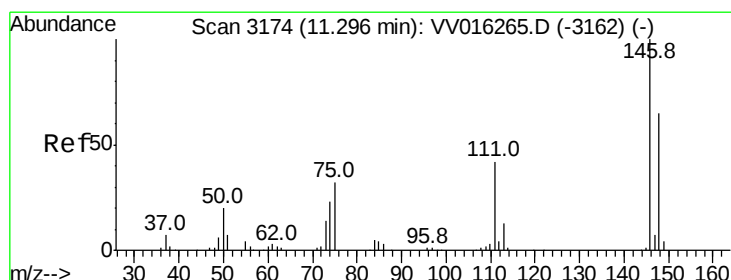
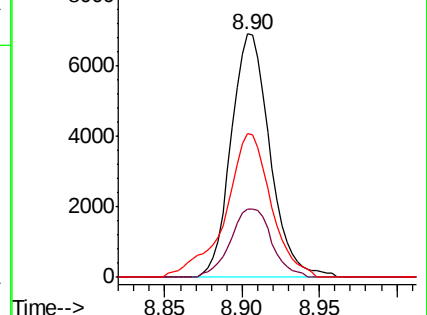
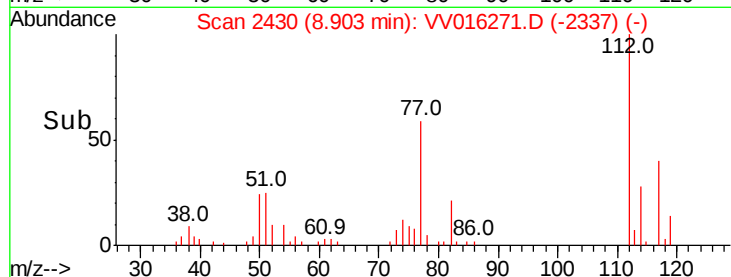
77 58.9 50.7 76.1



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): V



#64

1,4-Dichlorobenzene

Concen: 0.106 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. -0.00 min

Lab File: VV016271.D

Acq: 28 May 2020 12:56

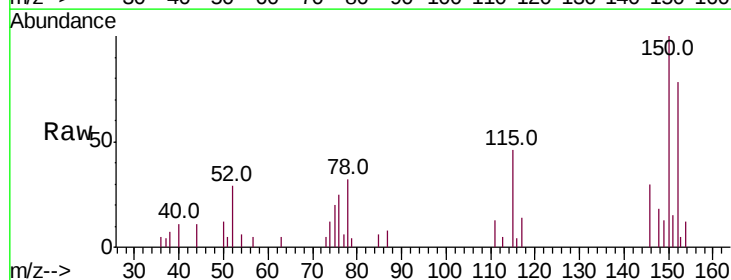
Tgt Ion:146 Resp: 1248

Ion Ratio Lower Upper

146 100

111 42.5 28.3 52.7

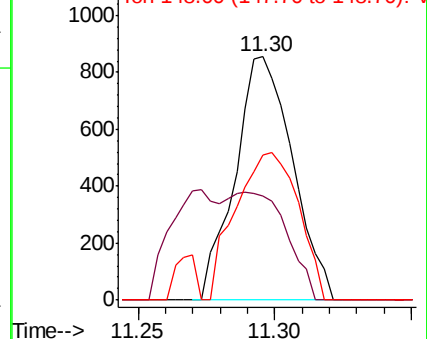
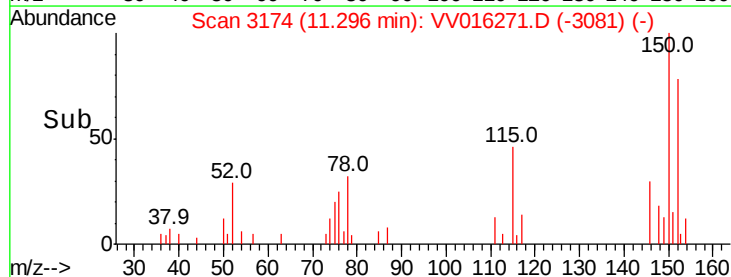
148 59.5 43.3 80.3

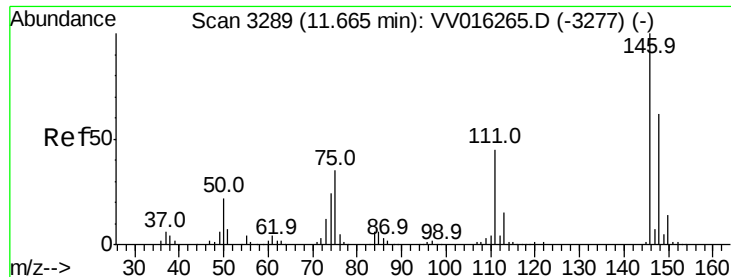


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

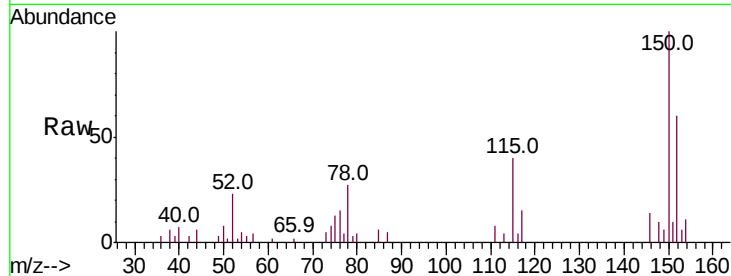




#66
 1,2-Dichlorobenzene
 Concen: 0.097 ug/L
 RT: 11.67 min Scan# 3290
 Delta R.T. 0.00 min
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 GAXF9

Tot Ion:146 Resp: 1010
 Ion Ratio Lower Upper
 146 100
 111 59.3 35.7 53.5#
 148 75.2 51.3 76.9



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

