

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
 Data File : VV016281.D
 Acq On : 28 May 2020 16:58
 Operator : SY/MD
 Sample : L2755-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXE0

Quant Time: May 29 02:42:17 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	93543	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	92585	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	40515	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22443	3.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.80%
7) Chloroethane-d5	1.58	69	21744	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.13	63	34907	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	3.95	46	72441	48.61	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.22%
24) Chloroform-d	4.38	84	50986	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.06	65	28602	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.08	84	98861	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.10	67	31334	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.34	98	86546	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
45) trans-1,3-Dichloropropene-	7.65	79	10085	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
48) 2-Hexanone-d5	8.12	63	51313	42.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.60%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22649	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	31216	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

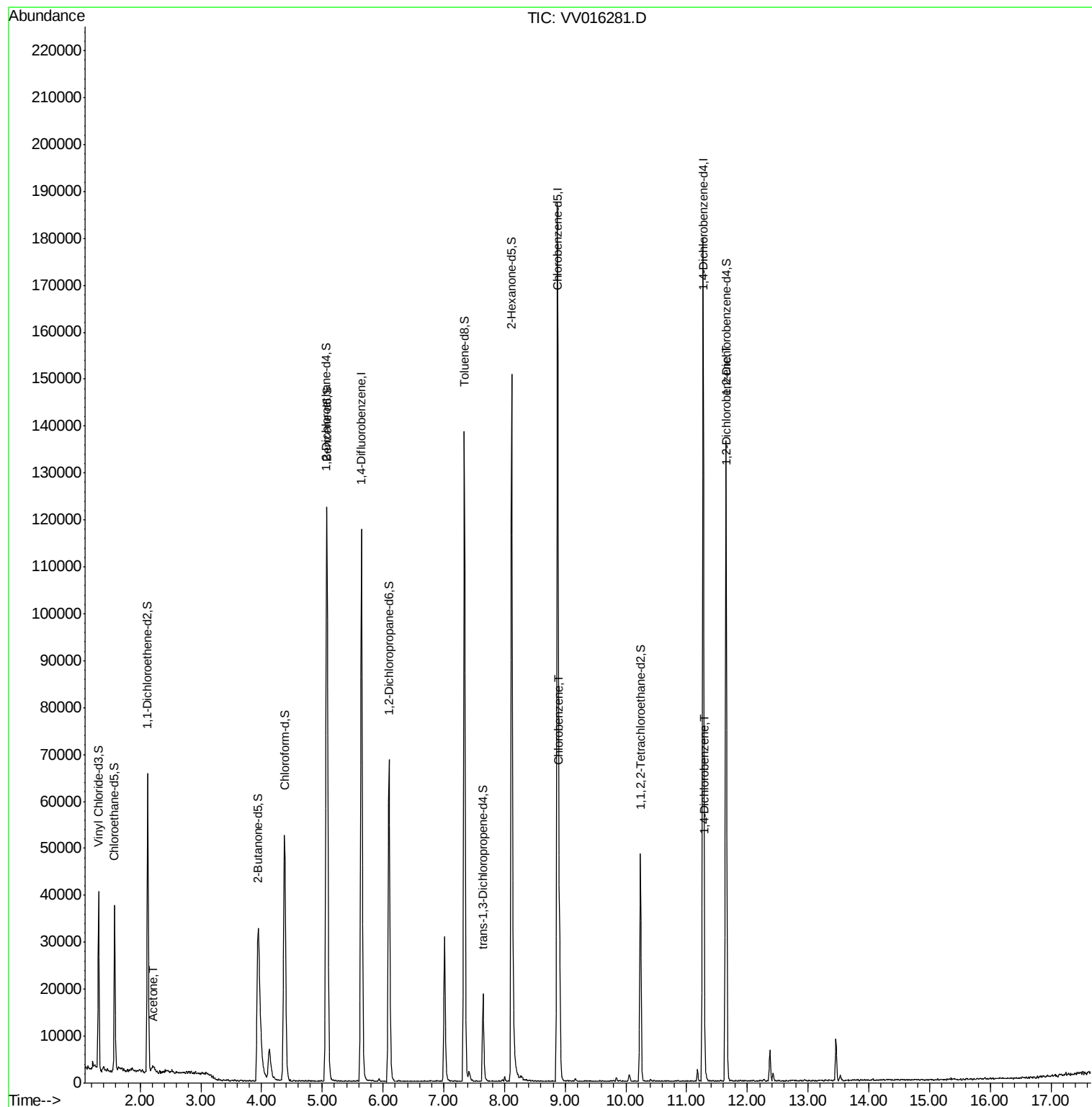
					Ovalue
13) Acetone	2.22	43	2598	2.816 ug/L	81
53) Chlorobenzene	8.90	112	15789	0.879 ug/L	97
64) 1,4-Dichlorobenzene	11.30	146	1584	0.126 ug/L	89
66) 1,2-Dichlorobenzene	11.66	146	1232	0.110 ug/L #	83

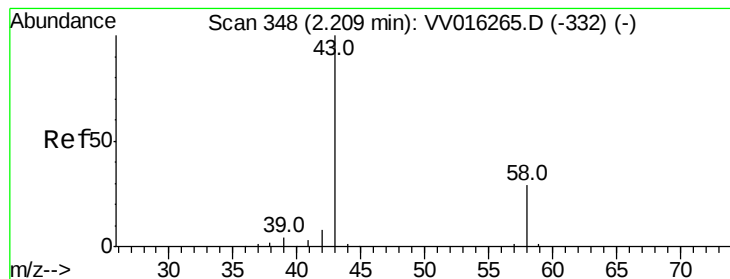
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.816 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.01 min

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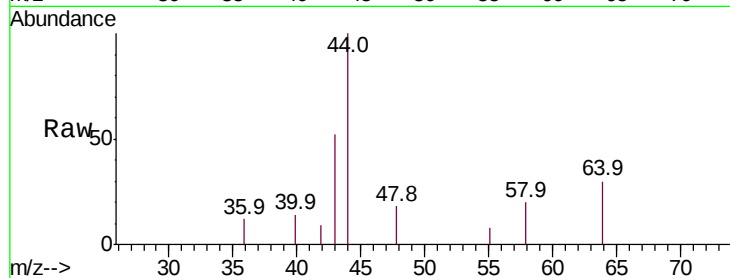
Instrument :
MSVOA_V
ClientSampled :
GAXE0

Tot Ion: 43 Resp: 2598

Ion Ratio Lower Upper

43 100

58 15.0 0.0 48.8



Abundance Ion 43.05 (42.75 to 43.75): VV016265.D (-332) (-)

Ion 58.05 (57.75 to 58.75): VV016265.D (-332) (-)

2.22

600

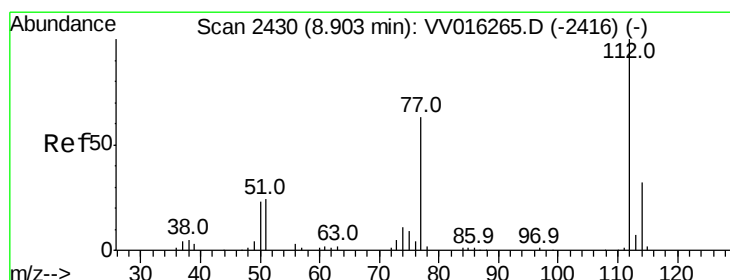
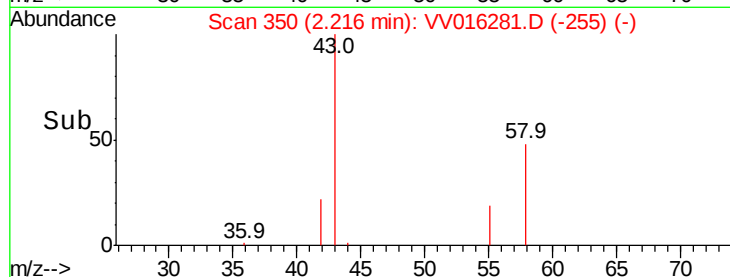
400

200

0

2.15 2.20 2.25 2.30

Time-->



#53

Chlorobenzene

Concen: 0.879 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV016281.D

Acq: 28 May 2020 16:58

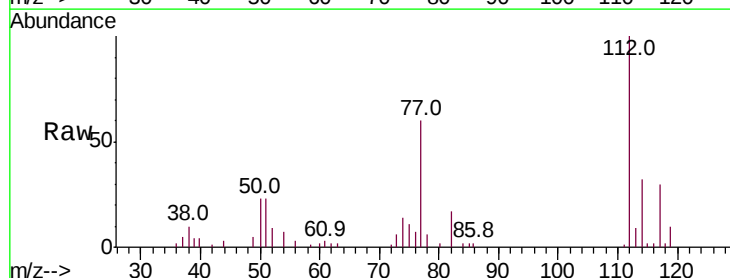
Tgt Ion: 112 Resp: 15789

Ion Ratio Lower Upper

112 100

114 31.5 22.3 41.3

77 59.7 50.7 76.1



Abundance Ion 112.10 (111.80 to 112.80): VV016265.D (-2416) (-)

Ion 114.05 (113.75 to 114.75): VV016265.D (-2416) (-)

Ion 77.10 (76.80 to 77.80): VV016265.D (-2416) (-)

8.90

12000

10000

8000

6000

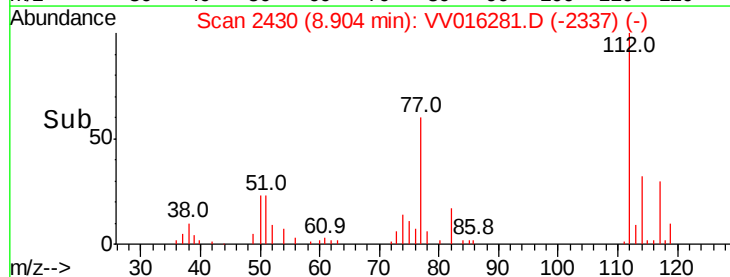
4000

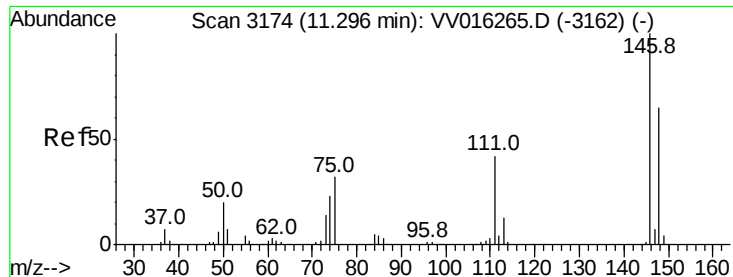
2000

0

8.85 8.90 8.95

Time-->





#64

1,4-Dichlorobenzene

Concen: 0.126 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.00 min

Lab File: VV016281.D

Acq: 28 May 2020 16:58

Instrument :

MSVOA_V

ClientSampleId :

GAXE0

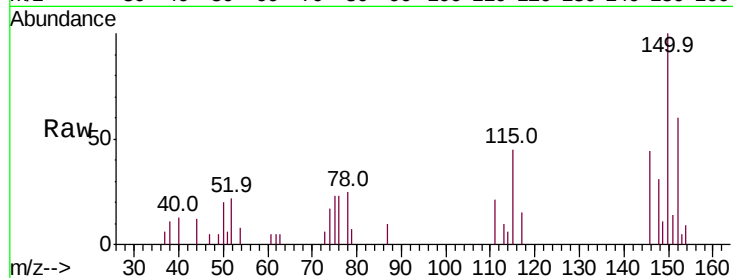
Tot Ion:146 Resp: 1584

Ion Ratio Lower Upper

146 100

111 48.0 28.3 52.7

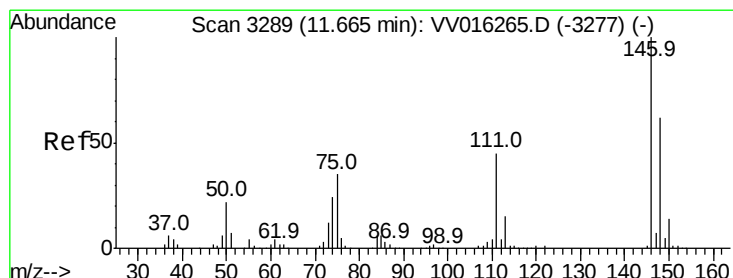
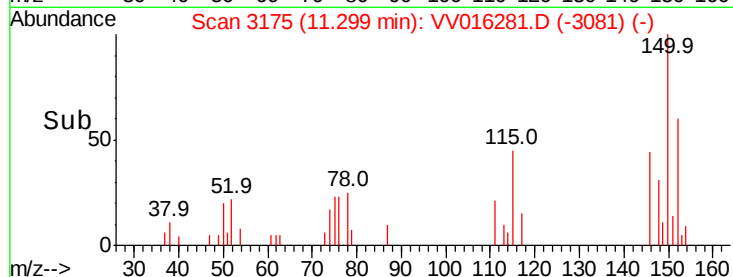
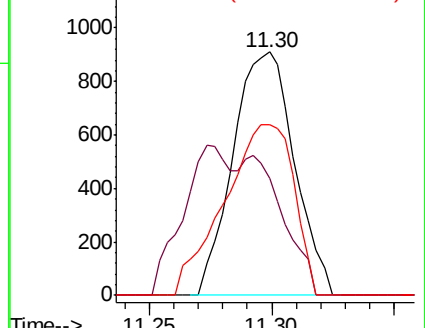
148 69.9 43.3 80.3



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: 0.110 ug/L

RT: 11.66 min Scan# 3288

Delta R.T. -0.00 min

Lab File: VV016281.D

Acq: 28 May 2020 16:58

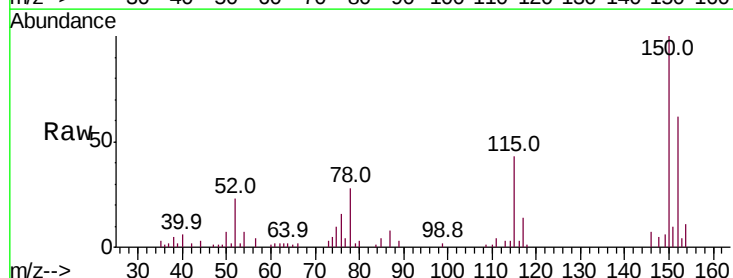
Tgt Ion:146 Resp: 1232

Ion Ratio Lower Upper

146 100

111 64.7 35.7 53.5#

148 69.7 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

