

Data File : VV014969.D
Acq On : 17 Mar 2020 13:22
Operator : SY/MD
Sample : L1890-17DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DH4DL

Quant Time: Mar 18 05:24:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 05:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	341956	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	330251	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	164434	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83739	36.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.52%
7) Chloroethane-d5	1.58	69	70417	41.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.24%
11) 1,1-Dichloroethene-d2	2.12	63	109726	31.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.78%
21) 2-Butanone-d5	3.93	46	106886	76.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.95%
24) Chloroform-d	4.38	84	208499	43.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.86%
26) 1,2-Dichloroethane-d4	5.06	65	141008	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
32) Benzene-d6	5.08	84	423283	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.04%
36) 1,2-Dichloropropane-d6	6.10	67	128693	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.00%
41) Toluene-d8	7.34	98	411665	45.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.50%
43) trans-1,3-Dichloropropene-	7.64	79	62582	43.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.90%
47) 2-Hexanone-d5	8.12	63	110763	90.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.57%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	179566	45.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	176553	49.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.02%

Target Compounds

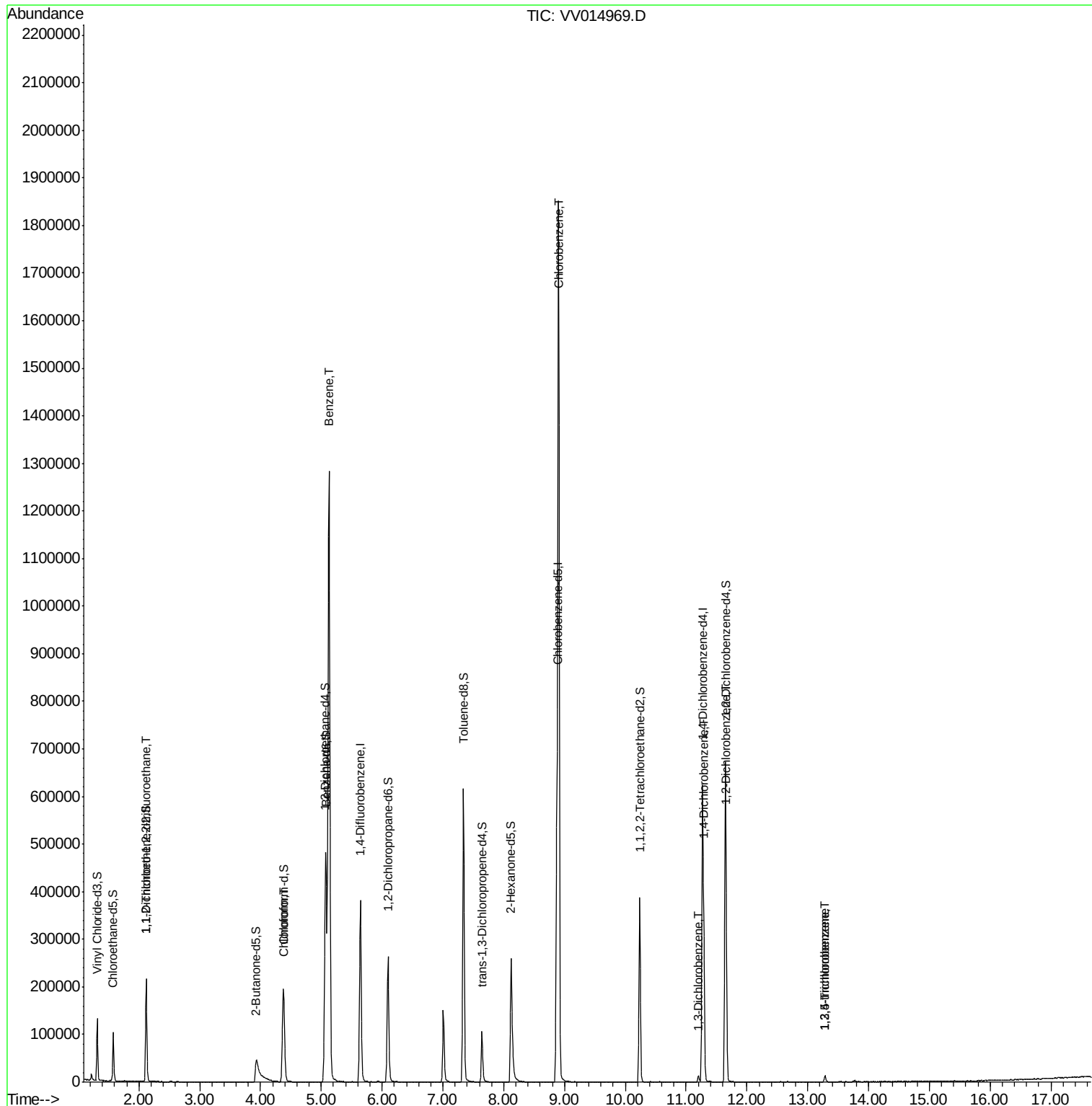
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1364	0.774 ug/L	# 15
25) Chloroform	4.40	83	3307	0.739 ug/L	95
33) Benzene	5.13	78	1311761	145.971 ug/L	100
51) Chlorobenzene	8.90	112	1026019	147.345 ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	5709	1.054 ug/L	92
63) 1,4-Dichlorobenzene	11.29	146	122442	22.432 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	64719	11.957 ug/L	97
67) 1,3,5-Trichlorobenzene	13.28	180	5061	1.191 ug/L	95
68) 1,2,4-trichlorobenzene	13.28	180	5061	1.337 ug/L	95

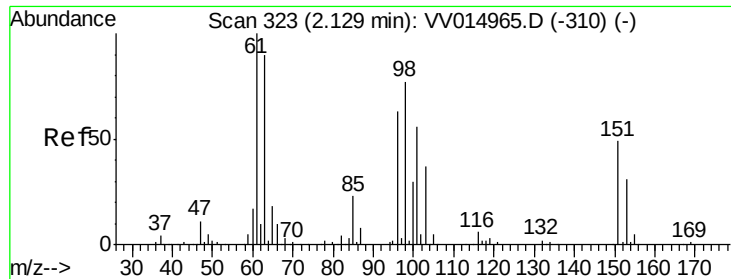
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.774 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV014969.D

Acq: 17 Mar 2020 13:22

Instrument :

MSVOA_V

ClientSampleId :

C0DH4DL

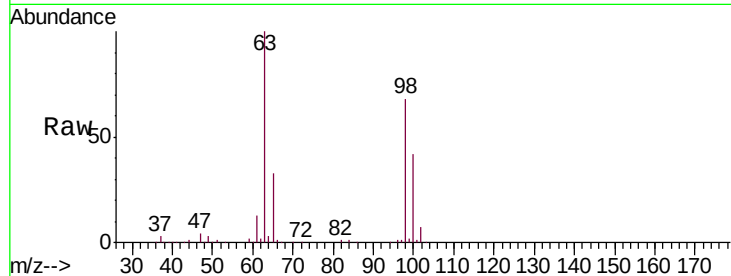
Tgt Ion:101 Resp: 1364

Ion Ratio Lower Upper

101 100

85 0.0 33.9 50.9#

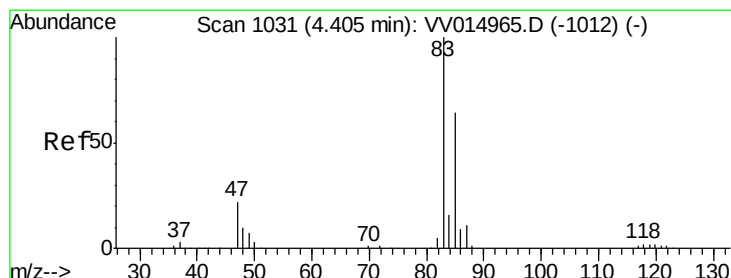
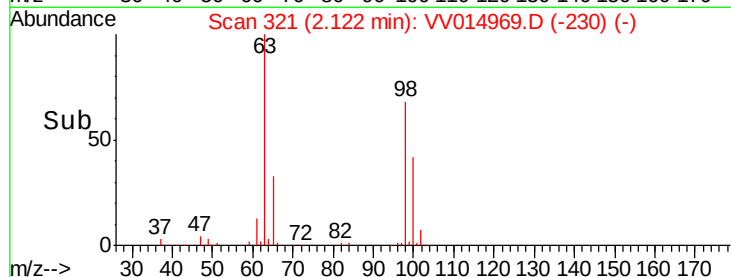
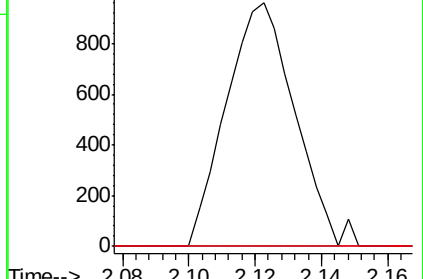
151 0.0 70.1 105.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 0.739 ug/L

RT: 4.40 min Scan# 1028

Delta R.T. -0.01 min

Lab File: VV014969.D

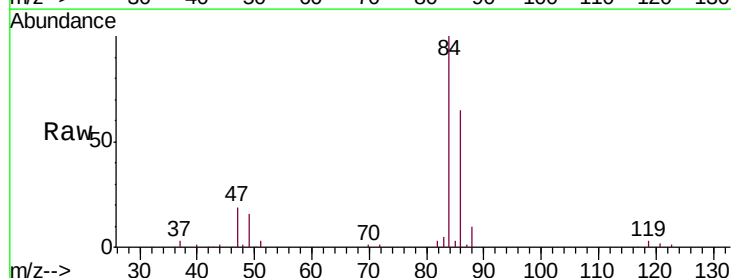
Acq: 17 Mar 2020 13:22

Tgt Ion: 83 Resp: 3307

Ion Ratio Lower Upper

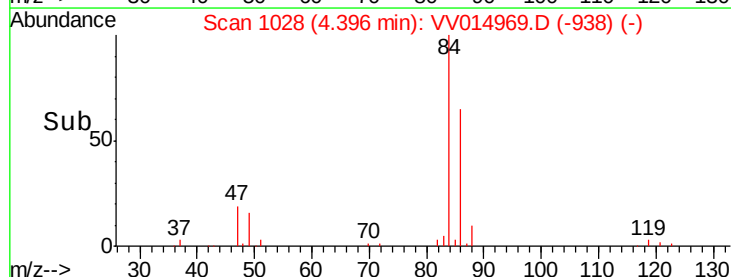
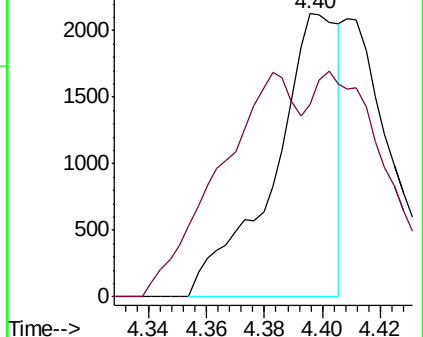
83 100

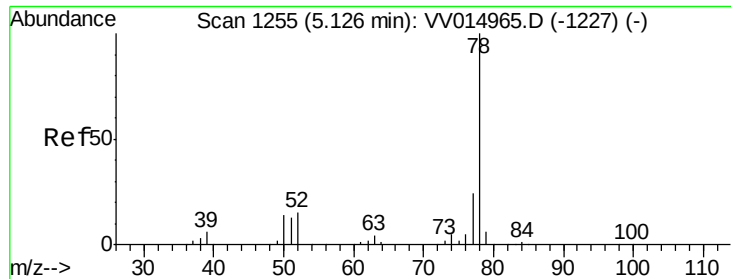
85 67.8 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#33

Benzene

Concen: 145.971 ug/L

RT: 5.13 min Scan# 1255

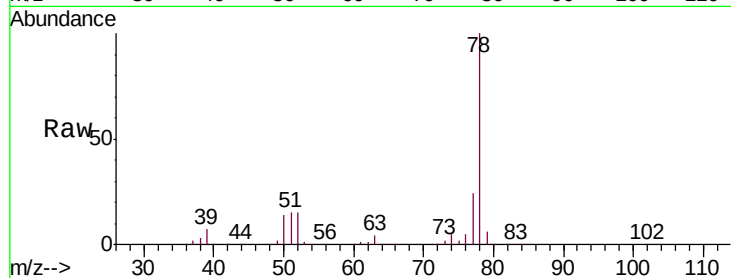
Delta R.T. 0.00 min

Lab File: VV014969.D

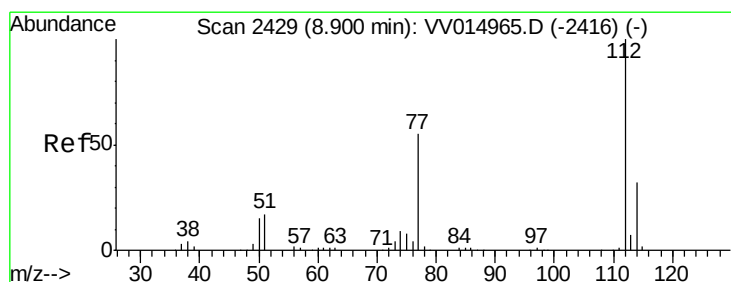
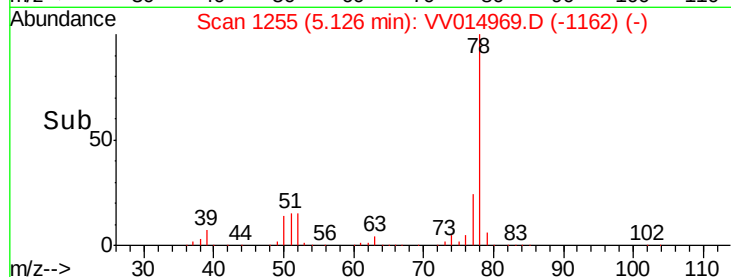
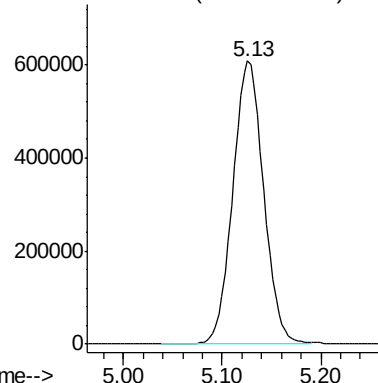
Acq: 17 Mar 2020 13:22

Instrument :
MSVOA_V
ClientSampleId :
C0DH4DL

Tgt Ion: 78 Resp: 1311761



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 147.345 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV014969.D

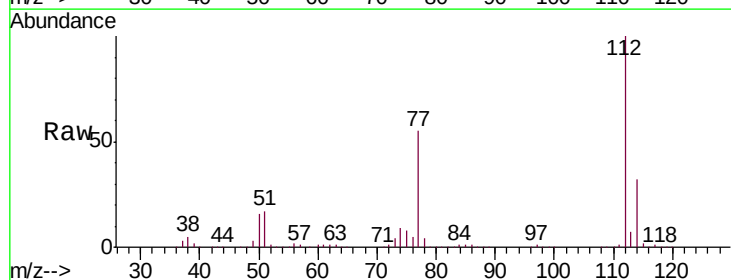
Acq: 17 Mar 2020 13:22

Tgt Ion: 112 Resp: 1026019

Ion	Ratio	Lower	Upper
112	100		

114	32.4	22.8	42.4
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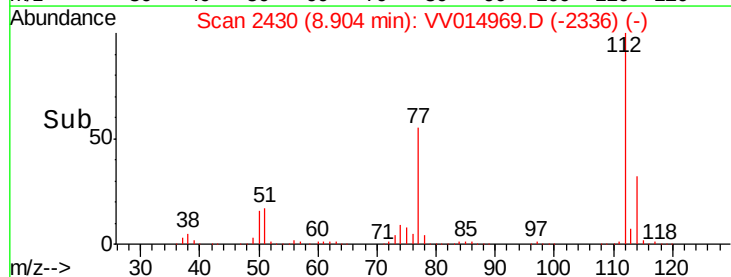
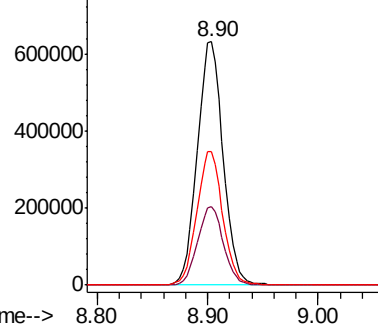
77	54.8	44.5	66.7
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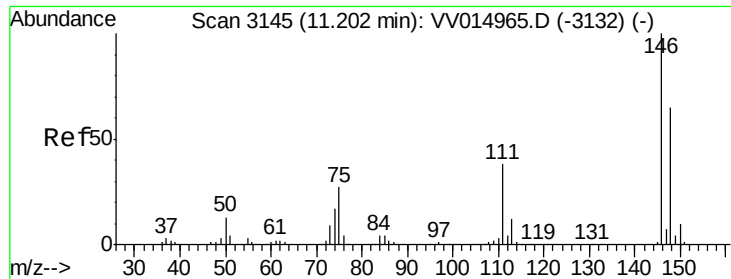


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#62

1,3-Dichlorobenzene

Concen: 1.054 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV014969.D

Acq: 17 Mar 2020 13:22

Instrument :

MSVOA_V

ClientSampleId :

C0DH4DL

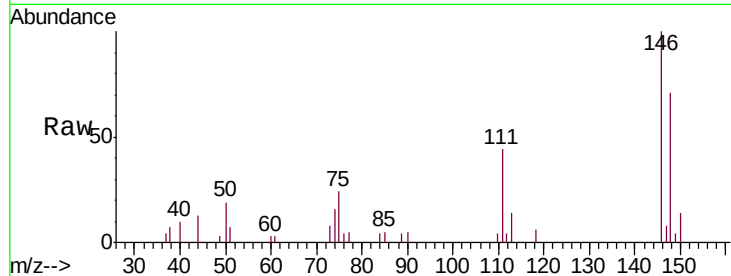
Tgt Ion:146 Resp: 5709

Ion Ratio Lower Upper

146 100

111 43.6 26.5 49.3

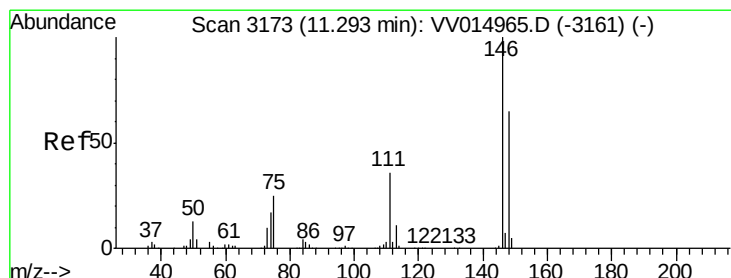
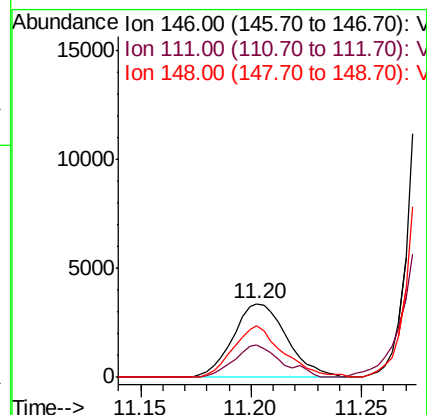
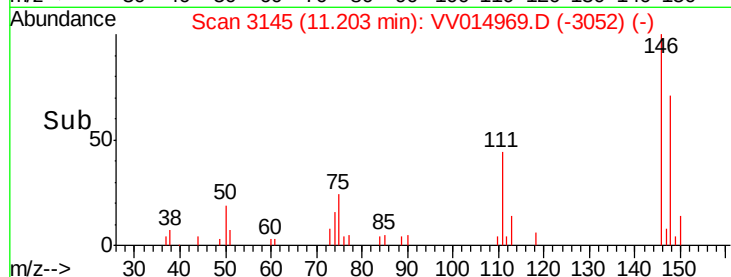
148 70.6 45.4 84.2



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: 22.432 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.00 min

Lab File: VV014969.D

Acq: 17 Mar 2020 13:22

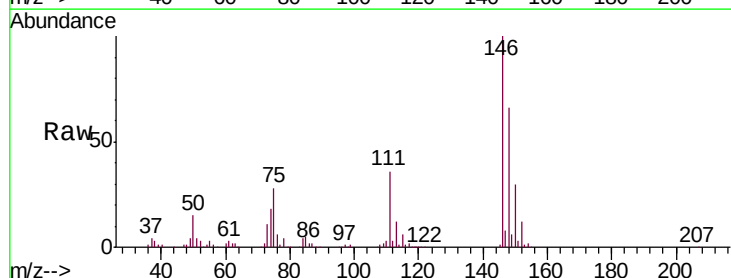
Tgt Ion:146 Resp: 122442

Ion Ratio Lower Upper

146 100

111 36.1 26.0 48.2

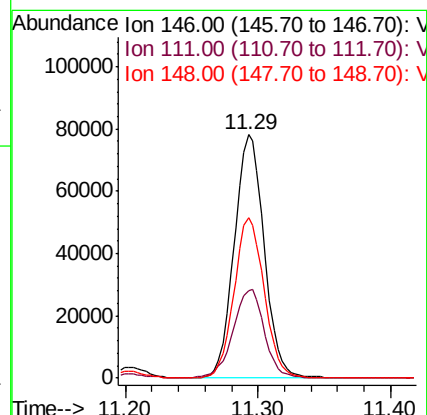
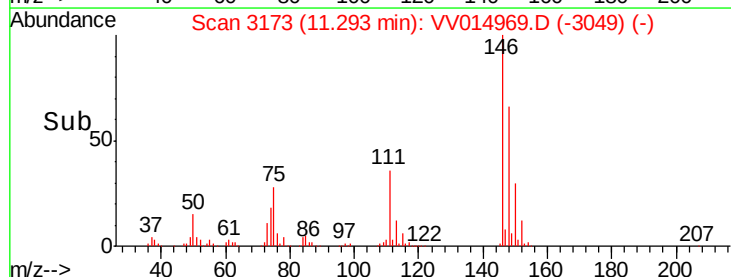
148 65.7 46.1 85.5

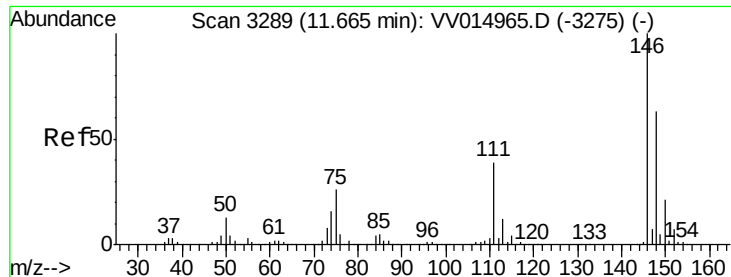


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 11.957 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV014969.D

Acq: 17 Mar 2020 13:22

Instrument :

MSVOA_V

ClientSampled :

C0DH4DL

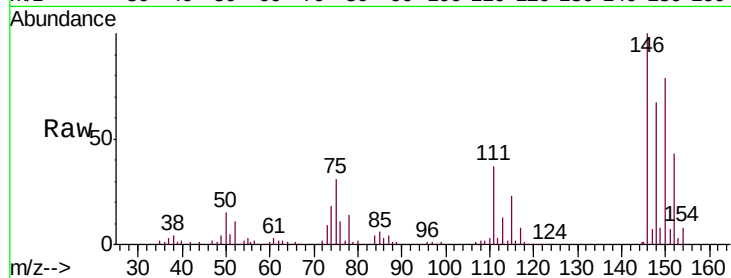
Tgt Ion:146 Resp: 64719

Ion Ratio Lower Upper

146 100

111 37.4 31.6 47.4

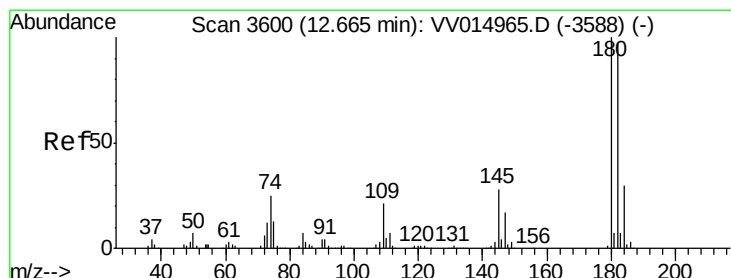
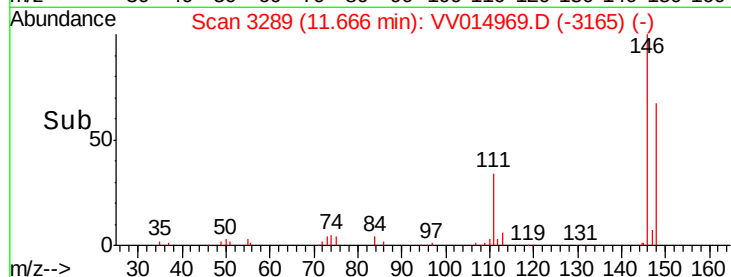
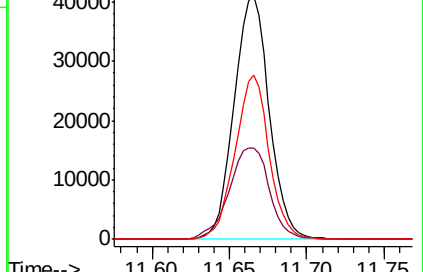
148 67.5 52.2 78.4



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



#67

1,3,5-Trichlorobenzene

Concen: 1.191 ug/L

RT: 13.28 min Scan# 3792

Delta R.T. 0.62 min

Lab File: VV014969.D

Acq: 17 Mar 2020 13:22

Tgt Ion:180 Resp: 5061

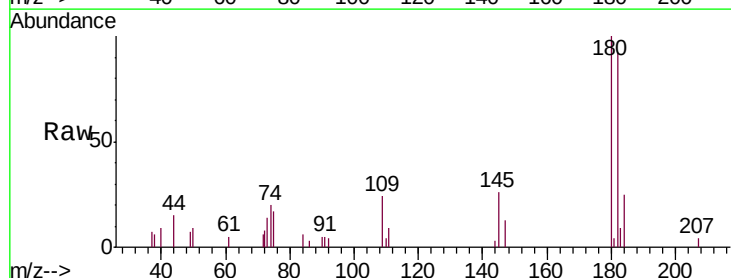
Ion Ratio Lower Upper

180 100

182 89.6 75.7 113.5

184 26.6 24.2 36.4

145 28.9 22.0 33.0

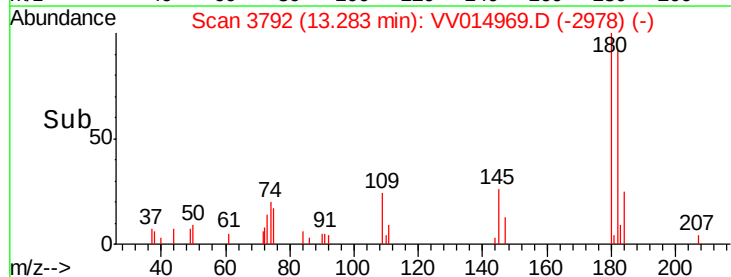
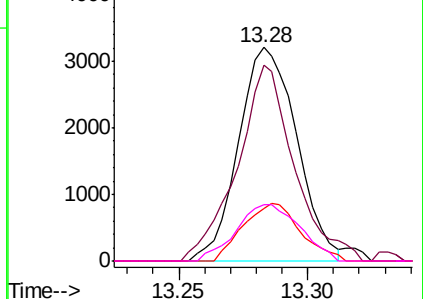


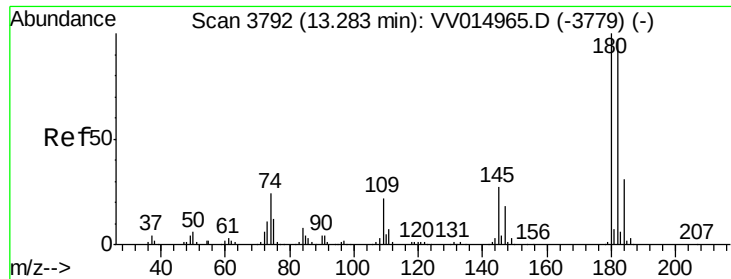
Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

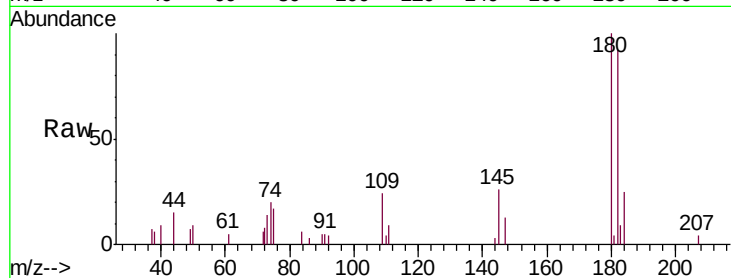




#68
 1,2,4-trichlorobenzene
 Concen: 1.337 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV014969.D
 Acq: 17 Mar 2020 13:22

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DH4DL

Tgt Ion:180 Resp: 5061
 Ion Ratio Lower Upper
 180 100
 182 89.6 76.3 114.5
 145 28.9 23.1 34.7



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

