

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031820\
 Data File : VV015038.D
 Acq On : 19 Mar 2020 01:15
 Operator : SY/MD
 Sample : VIBLK70
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK70

Quant Time: Mar 19 06:37:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 19 04:08:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	344271	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	333862	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	165557	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	112227	69.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	139.54%#
7) Chloroethane-d5	1.58	69	76167	60.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.76%
11) 1,1-Dichloroethene-d2	2.12	63	109010	39.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.30%
21) 2-Butanone-d5	3.94	46	108494	99.49	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.49%
24) Chloroform-d	4.38	84	199536	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
26) 1,2-Dichloroethane-d4	5.06	65	130621	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.78%
32) Benzene-d6	5.08	84	413307	52.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.34%
36) 1,2-Dichloropropane-d6	6.09	67	120610	52.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.06%
41) Toluene-d8	7.34	98	406278	50.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.88%
43) trans-1,3-Dichloropropene-	7.64	79	59354	47.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.80%
47) 2-Hexanone-d5	8.12	63	104875	98.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.18%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	170955	49.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.02%
64) 1,2-Dichlorobenzene-d4	11.64	152	171486	51.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

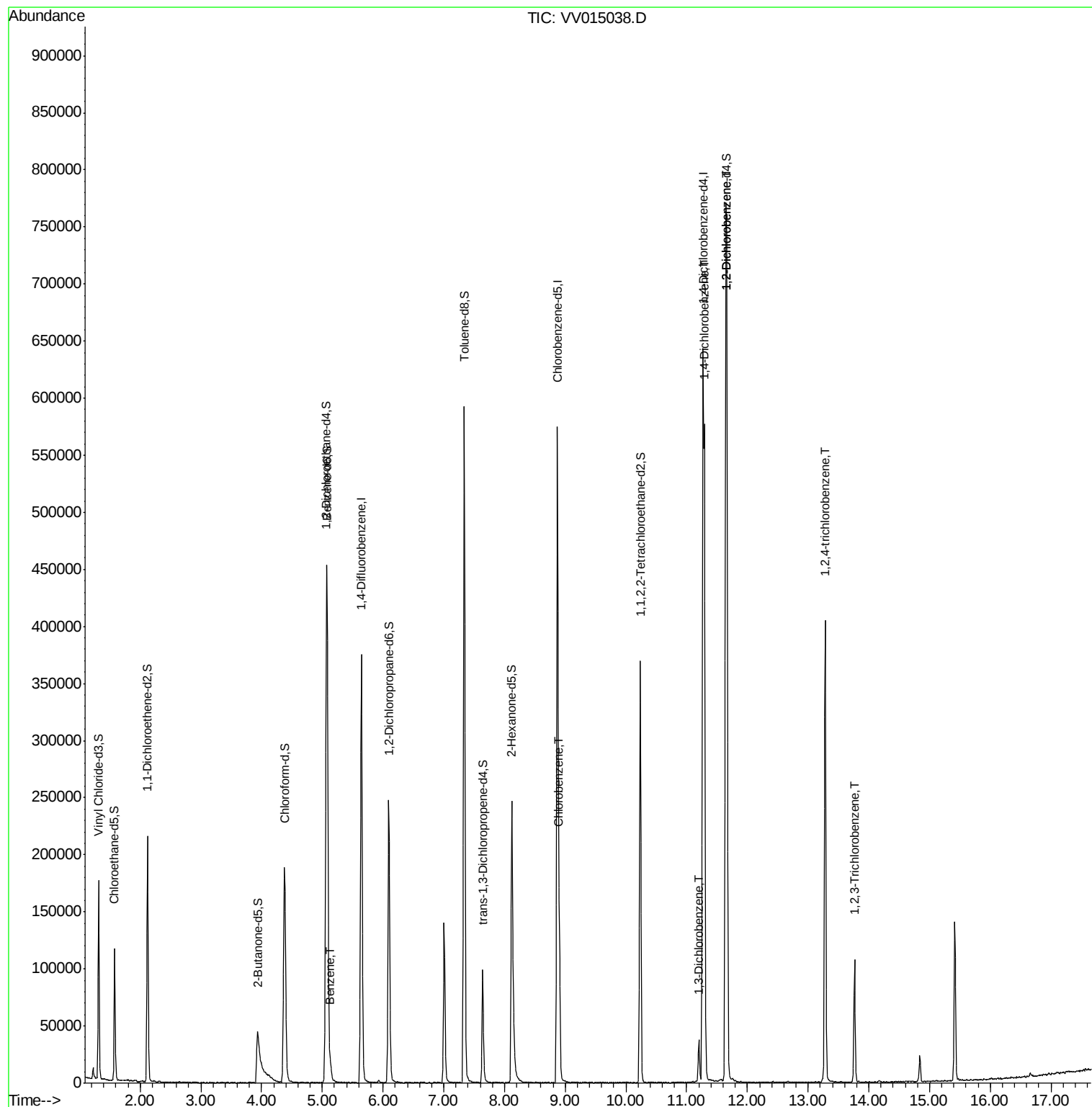
					Ovalue
33) Benzene	5.13	78	15280	1.870 ug/L	100
51) Chlorobenzene	8.90	112	78533	12.090 ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	15637	3.138 ug/L	96
63) 1,4-Dichlorobenzene	11.29	146	225459	43.465 ug/L	99
65) 1,2-Dichlorobenzene	11.66	146	248600	46.967 ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	135399	37.290 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	37318	10.461 ug/L	98

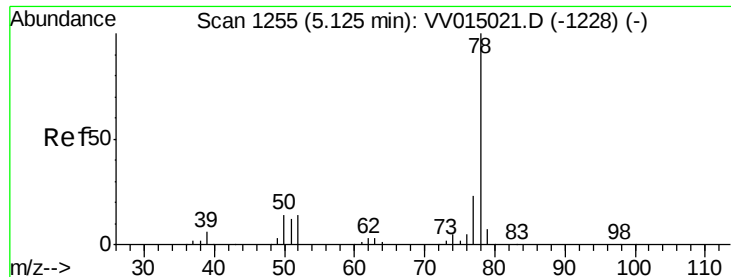
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 19 04:08:09 2020
Response via : Initial Calibration





#33

Benzene

Concen: 1.870 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VV015038.D

Acq: 19 Mar 2020 01:15

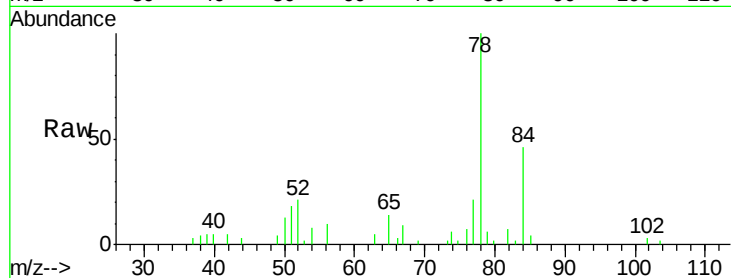
Instrument :

MSVOA_V

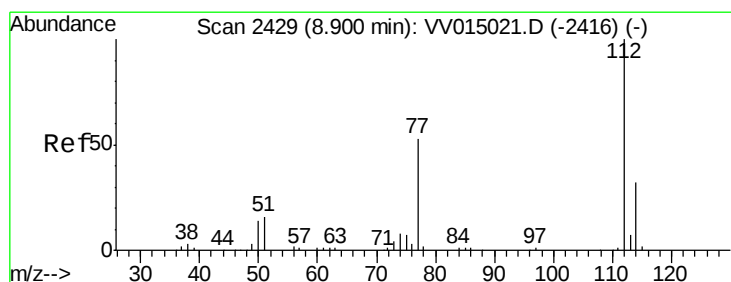
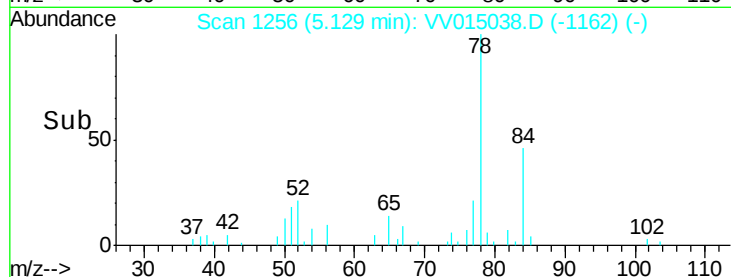
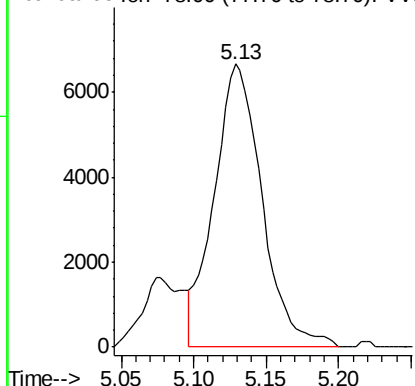
ClientSampleId :

VIBLK70

Tgt Ion: 78 Resp: 15280



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 12.090 ug/L

RT: 8.90 min Scan# 2430

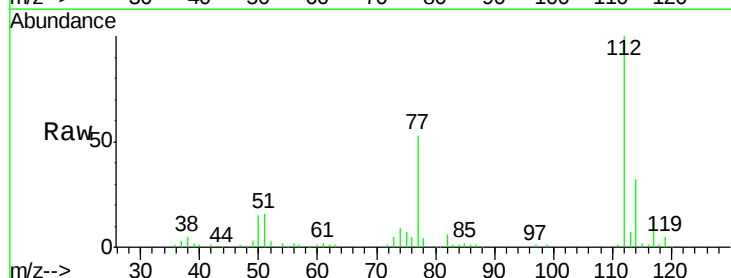
Delta R.T. 0.00 min

Lab File: VV015038.D

Acq: 19 Mar 2020 01:15

Tgt Ion: 112 Resp: 78533

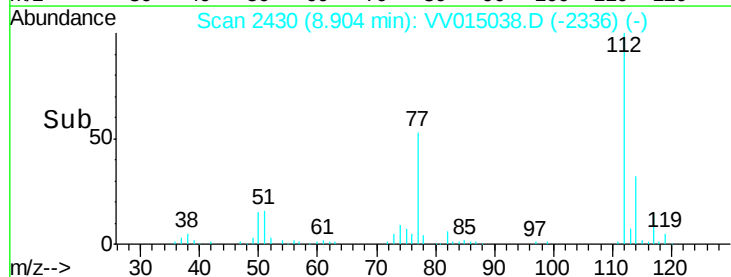
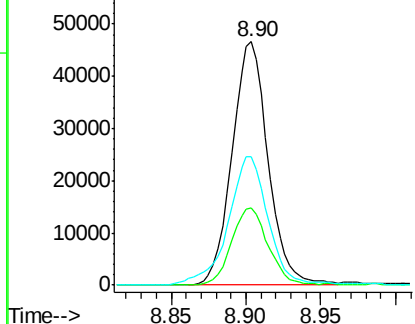
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.4	41.6
77	52.5	42.9	64.3

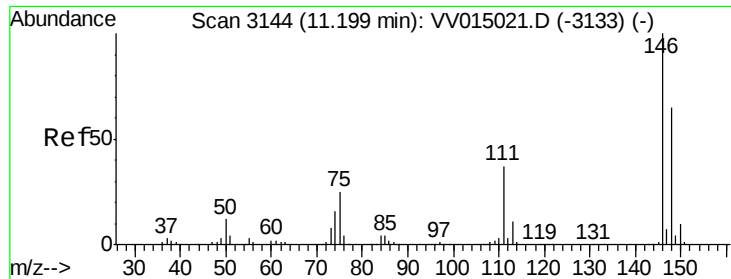


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0

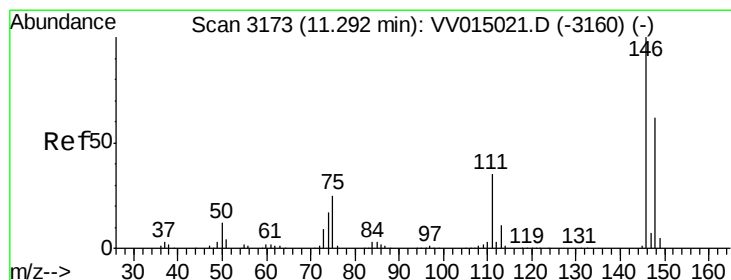
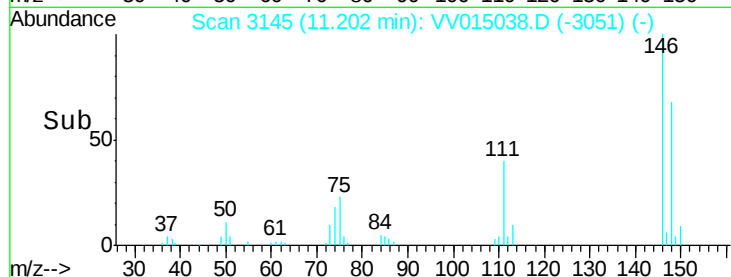
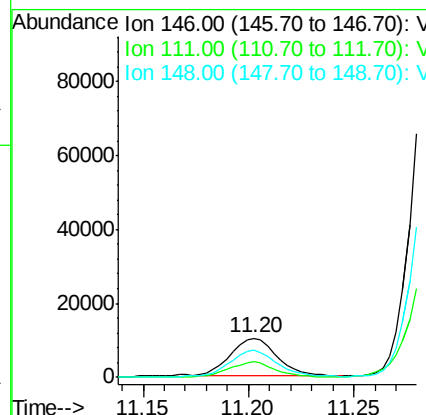
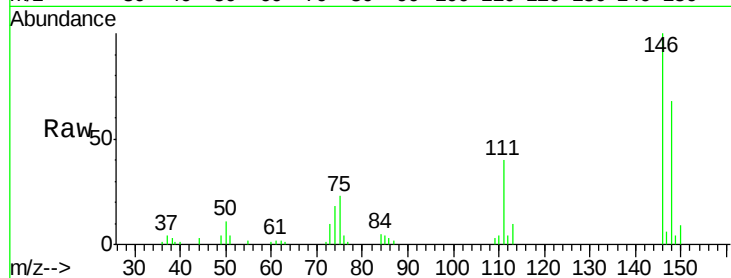




#62
 1,3-Dichlorobenzene
 Concen: 3.138 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: VV015038.D
 Acq: 19 Mar 2020 01:15

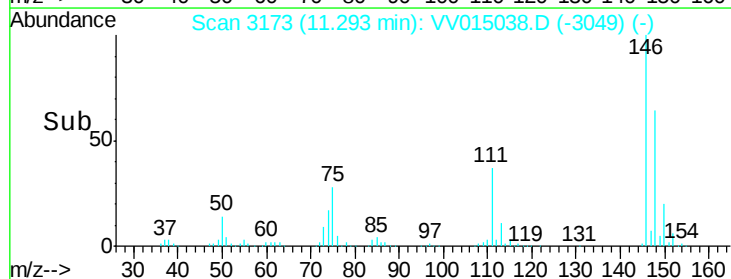
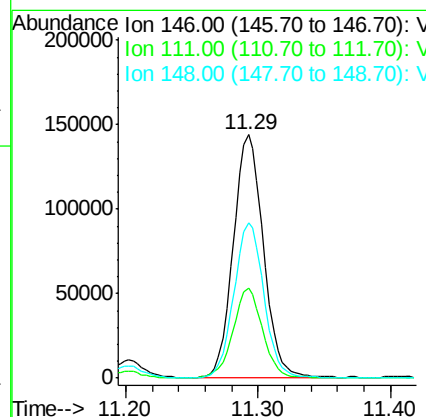
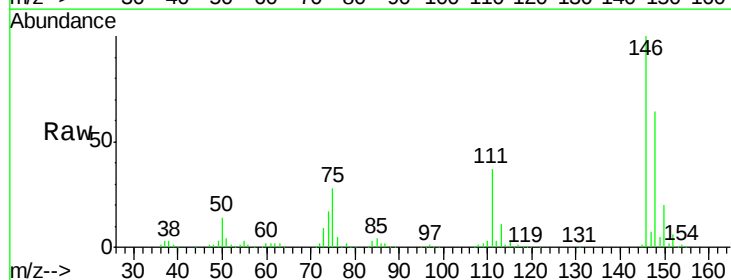
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK70

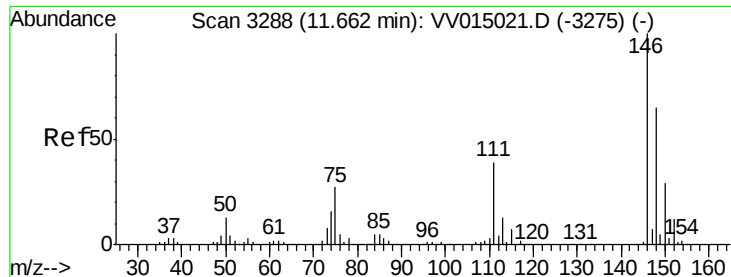
Tot Ion:146 Resp: 15637
 Ion Ratio Lower Upper
 146 100
 111 40.0 25.7 47.7
 148 67.9 45.4 84.4



#63
 1,4-Dichlorobenzene
 Concen: 43.465 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV015038.D
 Acq: 19 Mar 2020 01:15

Tgt Ion:146 Resp: 225459
 Ion Ratio Lower Upper
 146 100
 111 36.8 25.8 48.0
 148 64.0 45.7 84.9





#65

1,2-Dichlorobenzene

Concen: 46.967 ug/L

RT: 11.66 min Scan# 3288

Delta R.T. 0.00 min

Lab File: VV015038.D

Acq: 19 Mar 2020 01:15

Instrument :

MSVOA_V

ClientSampleId :

VIBLK70

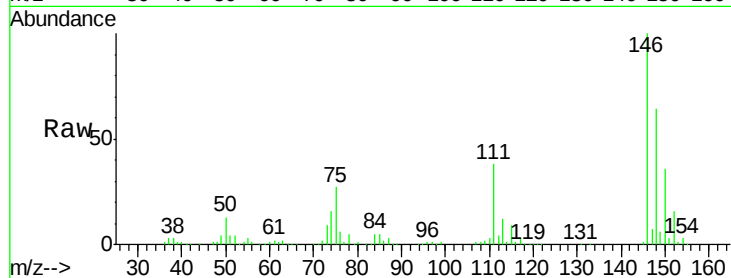
Tot Ion:146 Resp: 248600

Ion Ratio Lower Upper

146 100

111 38.3 31.5 47.3

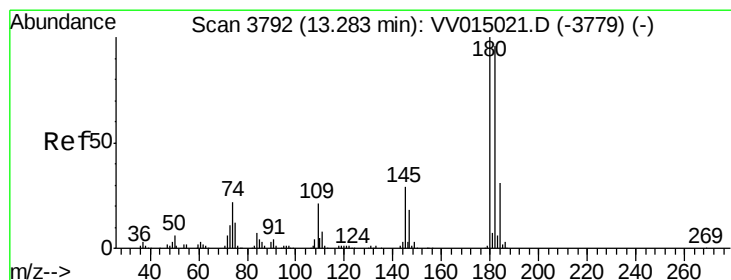
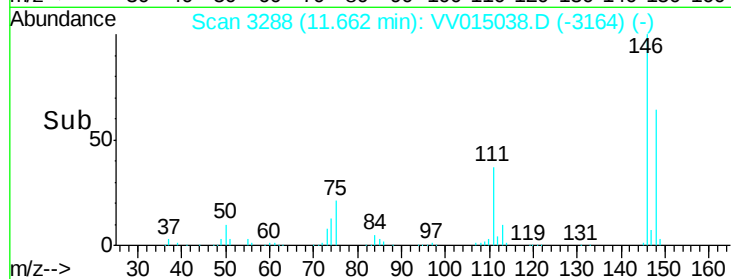
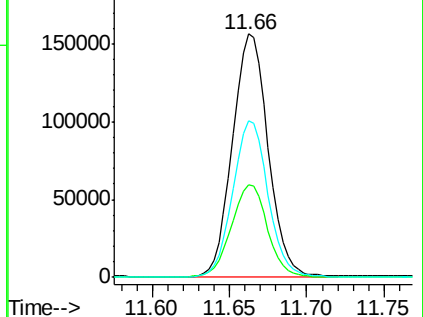
148 64.3 51.7 77.5



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



#68

1,2,4-trichlorobenzene

Concen: 37.290 ug/L

RT: 13.28 min Scan# 3791

Delta R.T. -0.00 min

Lab File: VV015038.D

Acq: 19 Mar 2020 01:15

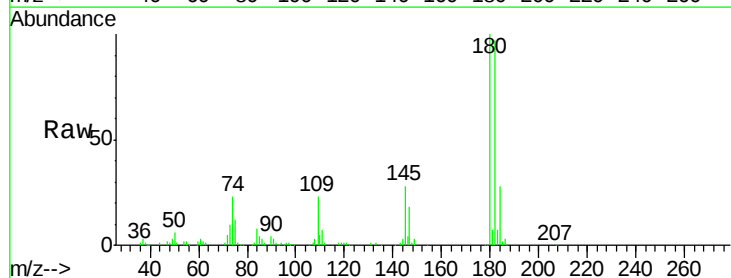
Tgt Ion:180 Resp: 135399

Ion Ratio Lower Upper

180 100

182 96.5 76.3 114.5

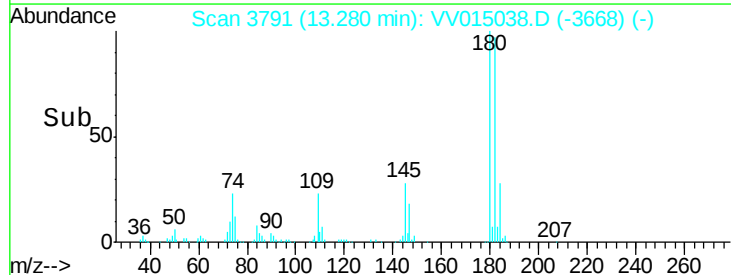
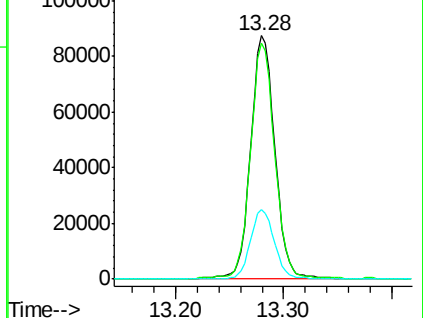
145 28.5 22.2 33.4

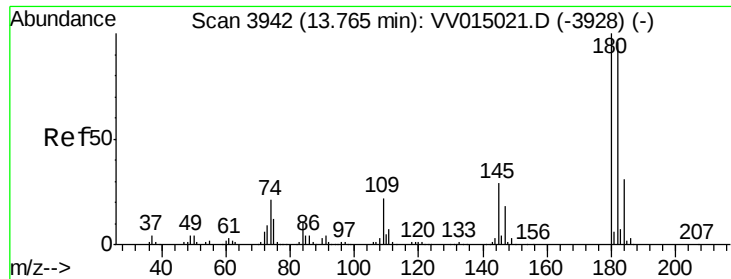


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 10.461 ug/L
 RT: 13.77 min Scan# 3942
 Delta R.T. 0.00 min
 Lab File: VV015038.D
 Acq: 19 Mar 2020 01:15

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK70

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	75.5	113.3
145	30.4	23.5	35.3

