

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031820\
 Data File : VV015035.D
 Acq On : 19 Mar 2020 00:02
 Operator : SY/MD
 Sample : L1941-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC5

Quant Time: Mar 19 05:48:43 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	339702	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	323731	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	158522	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79778	50.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.52%
7) Chloroethane-d5	1.58	69	63587	51.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.18%
11) 1,1-Dichloroethene-d2	2.12	63	101363	37.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.74%
21) 2-Butanone-d5	3.93	46	98132	91.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.20%
24) Chloroform-d	4.38	84	193459	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.22%
26) 1,2-Dichloroethane-d4	5.06	65	128006	50.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.08%
32) Benzene-d6	5.08	84	402760	52.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.86%
36) 1,2-Dichloropropane-d6	6.10	67	116797	51.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.92%
41) Toluene-d8	7.34	98	391020	50.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.12%
43) trans-1,3-Dichloropropene-	7.64	79	56794	47.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.54%
47) 2-Hexanone-d5	8.12	63	104469	100.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.86%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	167305	49.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	165920	52.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.28%

Target Compounds

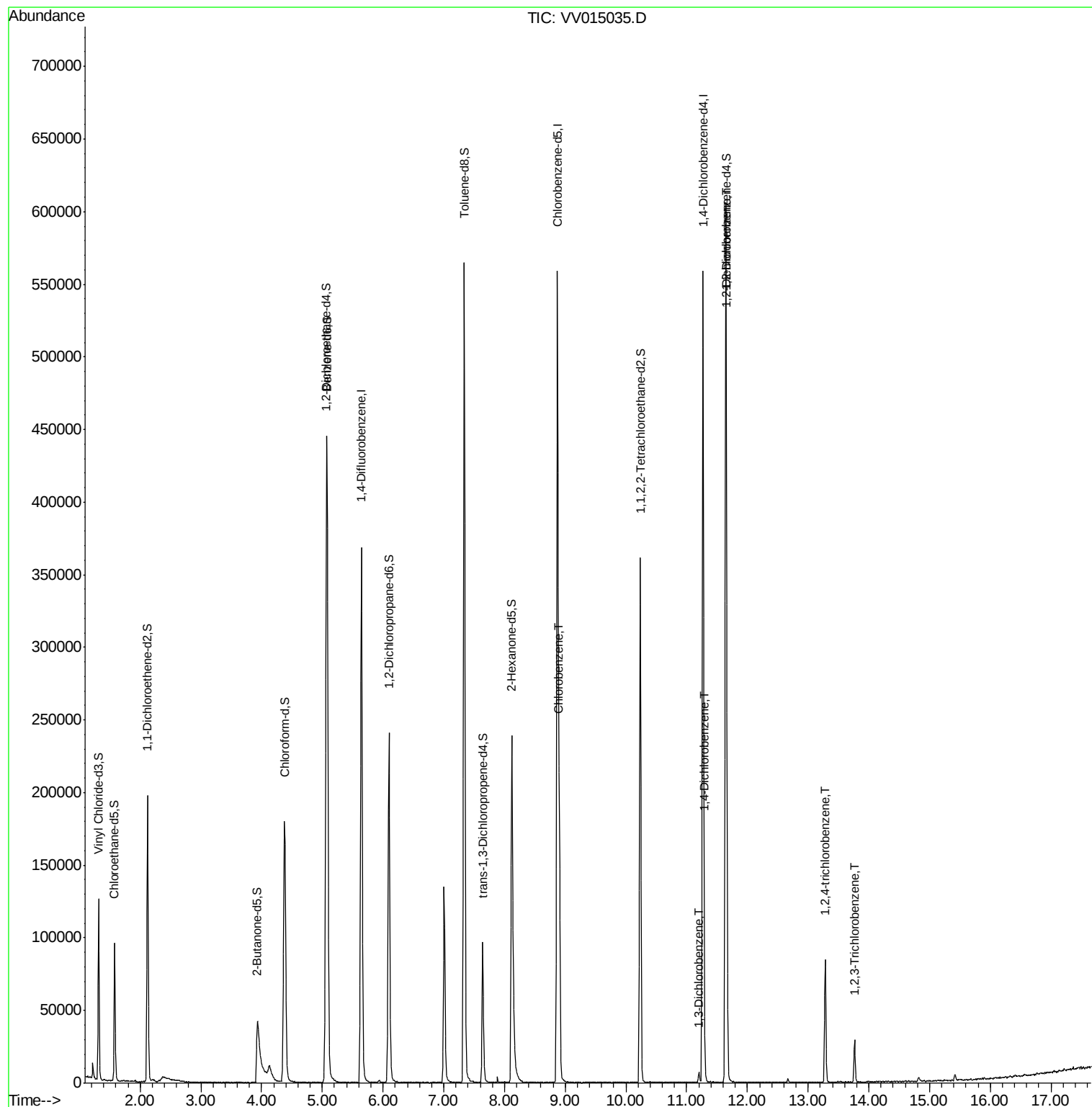
					Ovalue
51) Chlorobenzene	8.90	112	109697	17.416 ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	3352	0.702 ug/L	87
63) 1,4-Dichlorobenzene	11.30	146	9179	1.848 ug/L	91
65) 1,2-Dichlorobenzene	11.66	146	51378	10.137 ug/L	97
68) 1,2,4-trichlorobenzene	13.28	180	29714	8.547 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	9897	2.898 ug/L	96

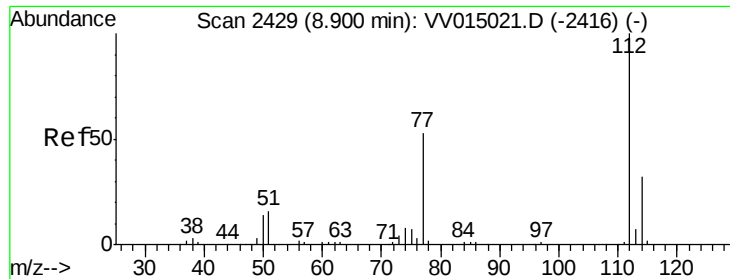
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Mar 19 04:08:09 2020
Response via : Initial Calibration





#51

Chlorobenzene

Concen: 17.416 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV015035.D

Acq: 19 Mar 2020 00:02

Instrument :

MSVOA_V

ClientSampled :

C0DC5

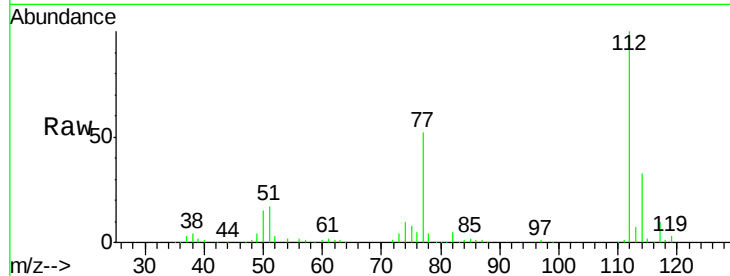
Tot Ion:112 Resp: 109697

Ion Ratio Lower Upper

112 100

114 32.9 22.4 41.6

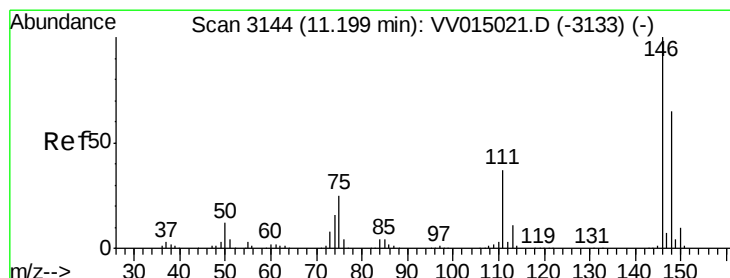
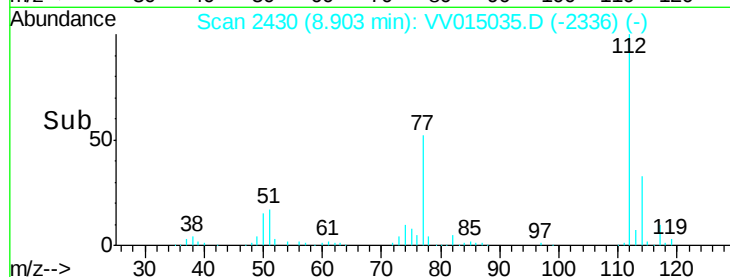
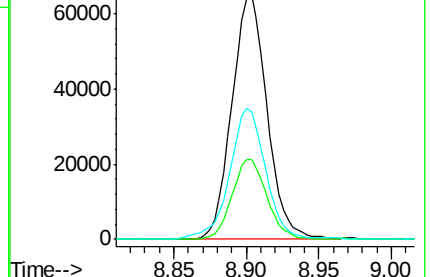
77 52.1 42.9 64.3



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): V



#62

1,3-Dichlorobenzene

Concen: 0.702 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV015035.D

Acq: 19 Mar 2020 00:02

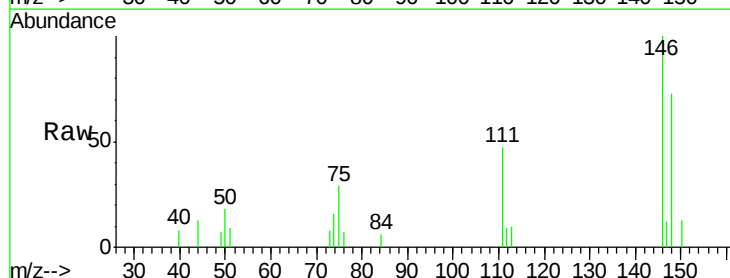
Tgt Ion:146 Resp: 3352

Ion Ratio Lower Upper

146 100

111 47.1 25.7 47.7

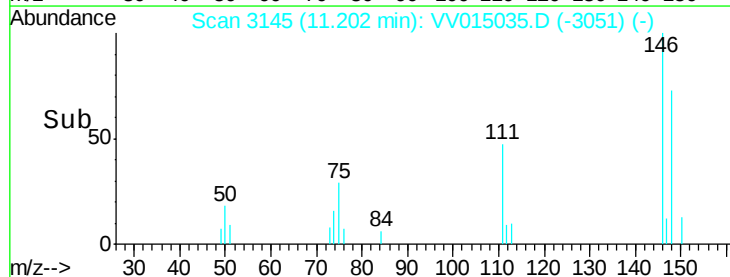
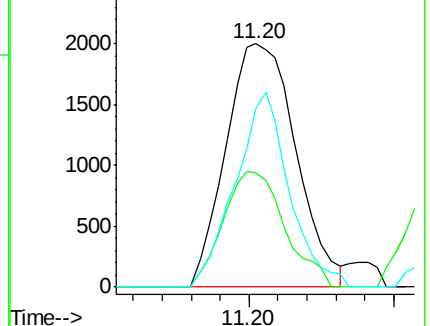
148 73.0 45.4 84.4

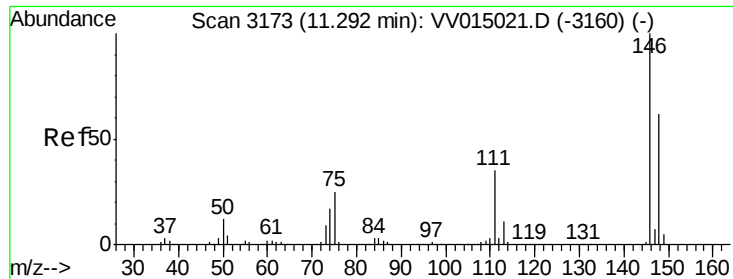


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 1.848 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV015035.D

Acq: 19 Mar 2020 00:02

Instrument :

MSVOA_V

ClientSampleId :

C0DC5

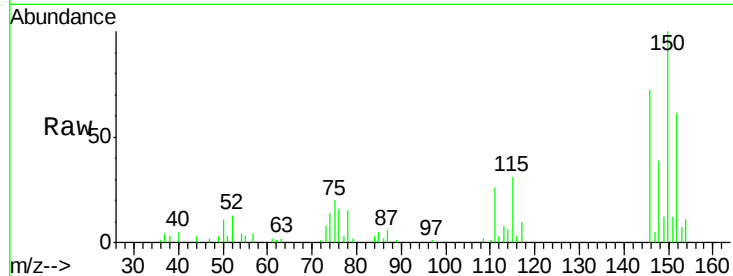
Tot Ion:146 Resp: 9179

Ion Ratio Lower Upper

146 100

111 36.5 25.8 48.0

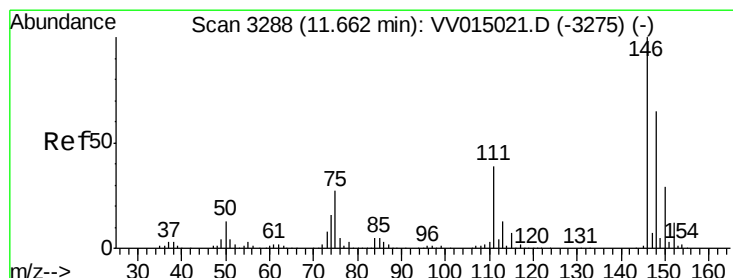
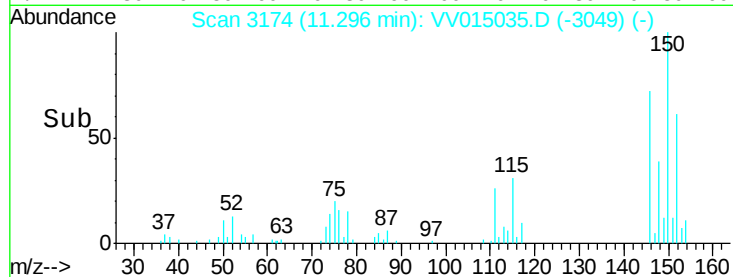
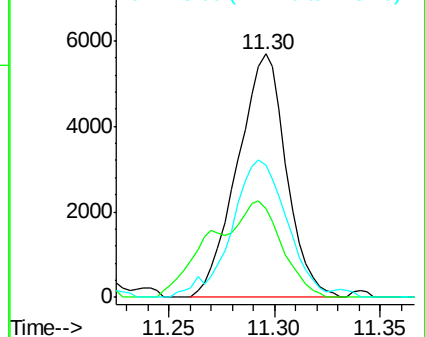
148 54.3 45.7 84.9



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: 10.137 ug/L

RT: 11.66 min Scan# 3288

Delta R.T. -0.00 min

Lab File: VV015035.D

Acq: 19 Mar 2020 00:02

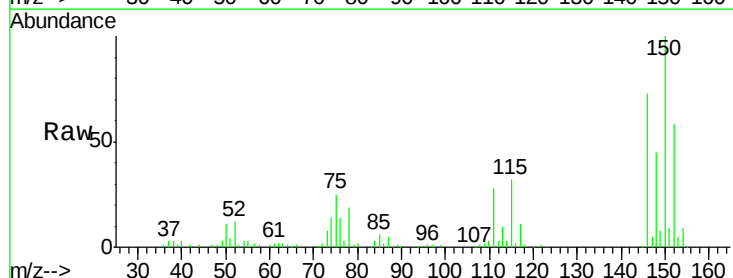
Tgt Ion:146 Resp: 51378

Ion Ratio Lower Upper

146 100

111 38.3 31.5 47.3

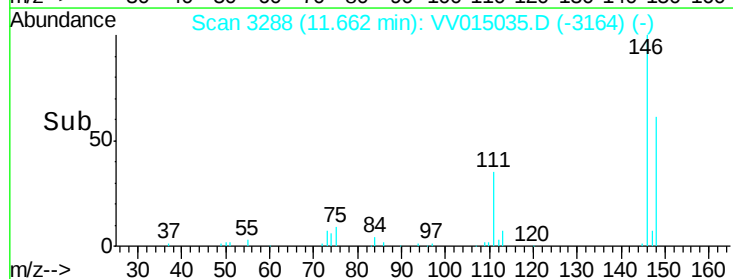
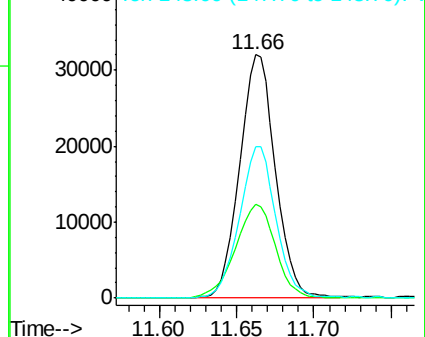
148 62.1 51.7 77.5

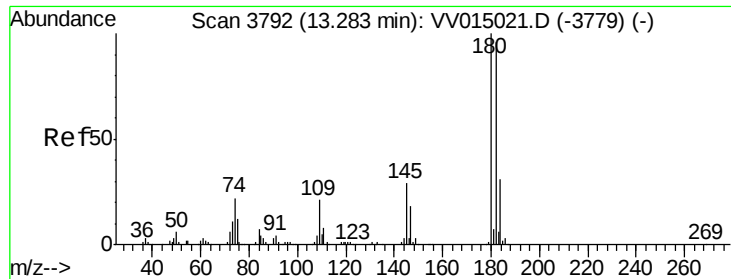


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#68

1,2,4-trichlorobenzene

Concen: 8.547 ug/L

RT: 13.28 min Scan# 3792

Delta R.T. -0.00 min

Lab File: VV015035.D

Acq: 19 Mar 2020 00:02

Instrument :

MSVOA_V

ClientSampleId :

C0DC5

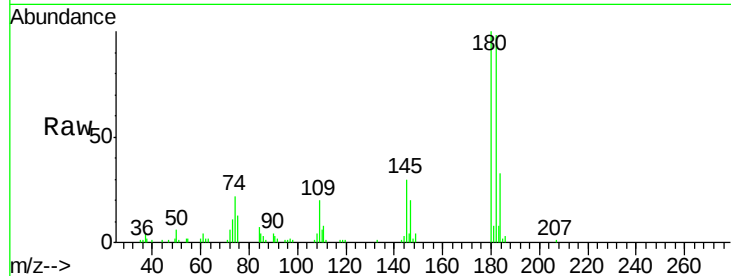
Tot Ion:180 Resp: 29714

Ion Ratio Lower Upper

180 100

182 94.5 76.3 114.5

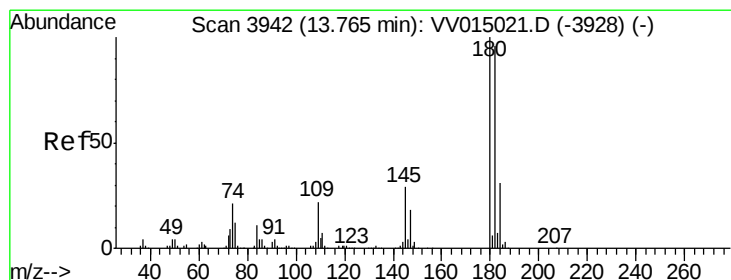
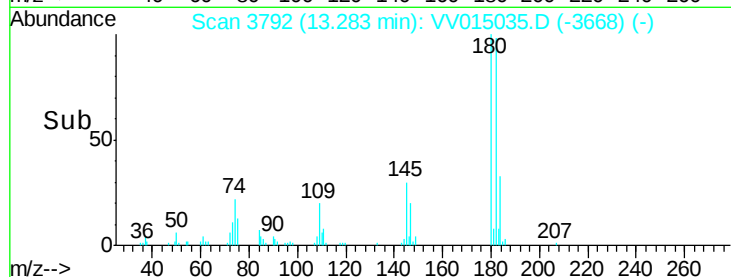
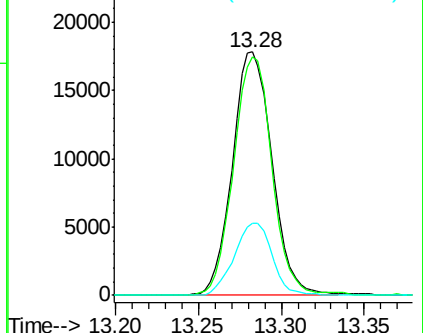
145 28.2 22.2 33.4



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: 2.898 ug/L

RT: 13.77 min Scan# 3942

Delta R.T. -0.00 min

Lab File: VV015035.D

Acq: 19 Mar 2020 00:02

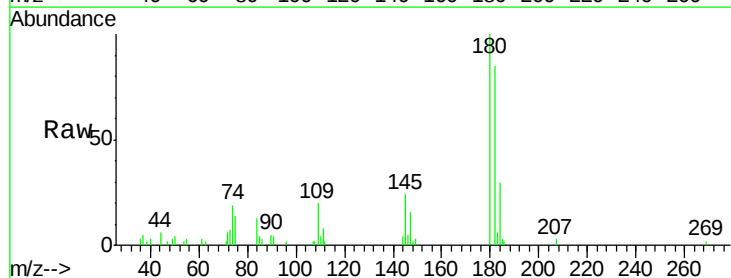
Tgt Ion:180 Resp: 9897

Ion Ratio Lower Upper

180 100

182 97.9 75.5 113.3

145 26.5 23.5 35.3



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

