

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031820\
 Data File : VV015023.D
 Acq On : 18 Mar 2020 19:11
 Operator : SY/MD
 Sample : L1941-11DL 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC2DL

Quant Time: Mar 19 04:39:35 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	347491	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	339490	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169908	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85175	52.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.92%
7) Chloroethane-d5	1.58	69	65952	51.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.12	63	106967	38.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.10%
21) 2-Butanone-d5	3.93	46	110214	100.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.13%
24) Chloroform-d	4.38	84	200555	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.50%
26) 1,2-Dichloroethane-d4	5.06	65	126321	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.56%
32) Benzene-d6	5.08	84	411250	51.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.10%
36) 1,2-Dichloropropane-d6	6.10	67	121109	51.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.76%
41) Toluene-d8	7.34	98	401045	49.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.90%
43) trans-1,3-Dichloropropene-	7.64	79	59053	46.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.74%
47) 2-Hexanone-d5	8.12	63	112382	103.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.47%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	173152	48.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	174085	51.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.08%

Target Compounds

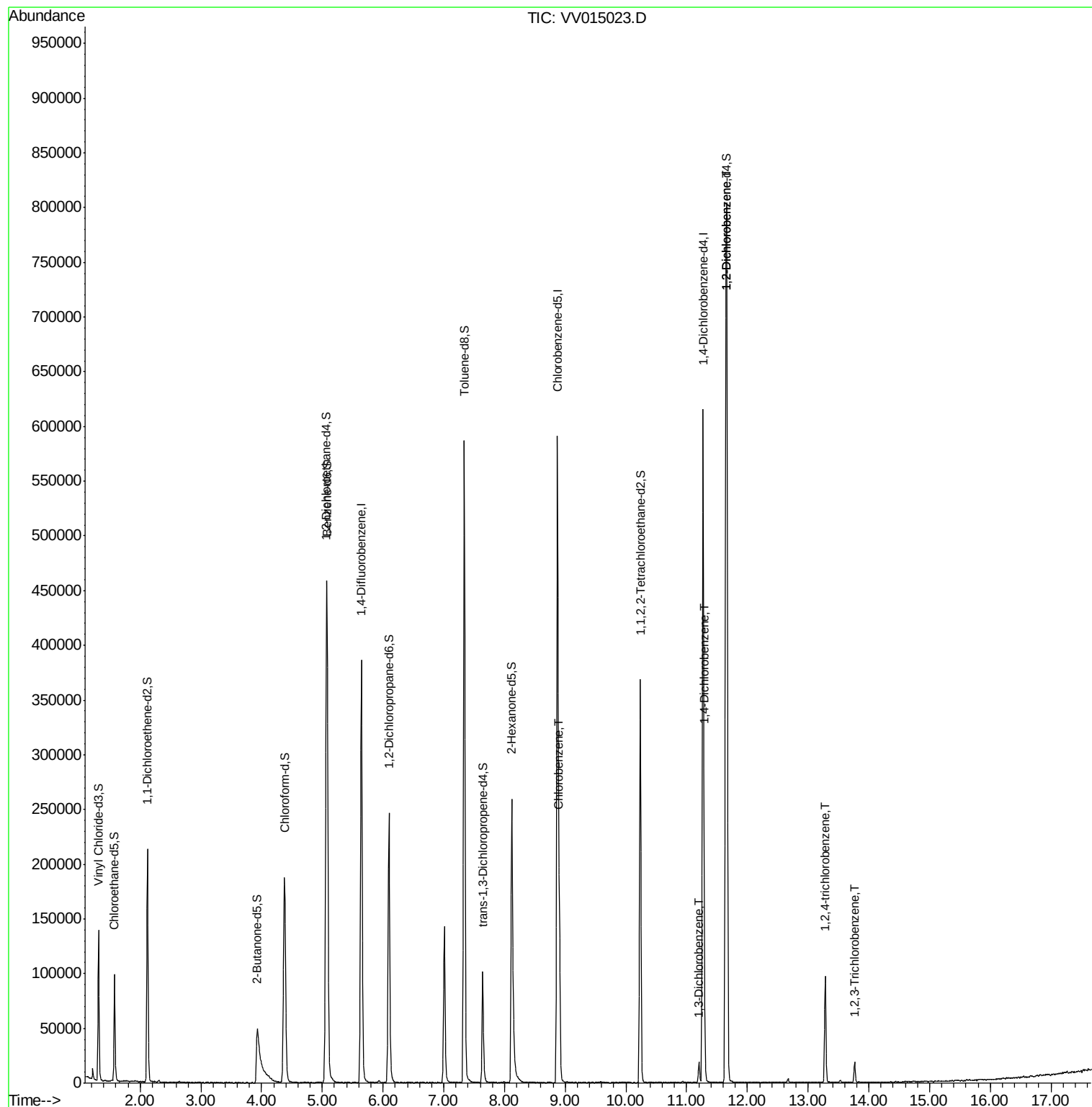
					Ovalue
51) Chlorobenzene	8.90	112	94743	14.343 ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	7851	1.535 ug/L	91
63) 1,4-Dichlorobenzene	11.29	146	28761	5.403 ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	269404	49.594 ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	32742	8.786 ug/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	6585	1.799 ug/L	97

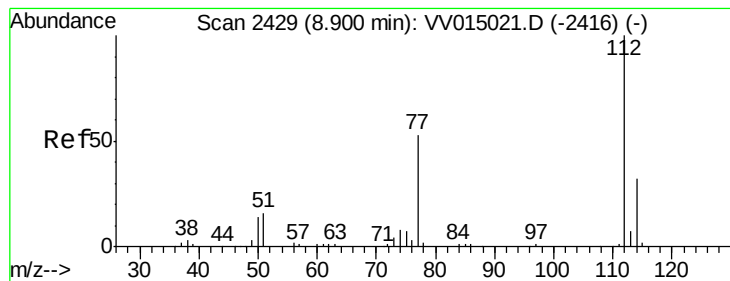
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#51

Chlorobenzene

Concen: 14.343 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV015023.D

Acq: 18 Mar 2020 19:11

Instrument :

MSVOA_V

ClientSampleId :

C0DC2DL

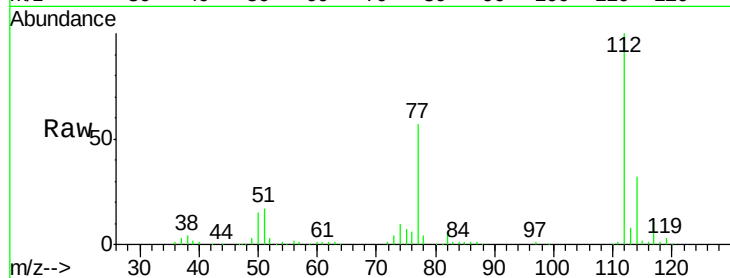
Tot Ion:112 Resp: 94743

Ion Ratio Lower Upper

112 100

114 32.4 22.4 41.6

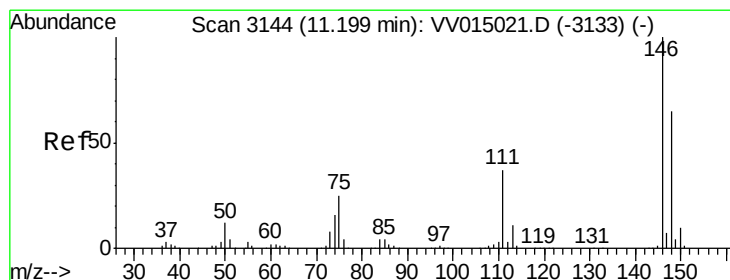
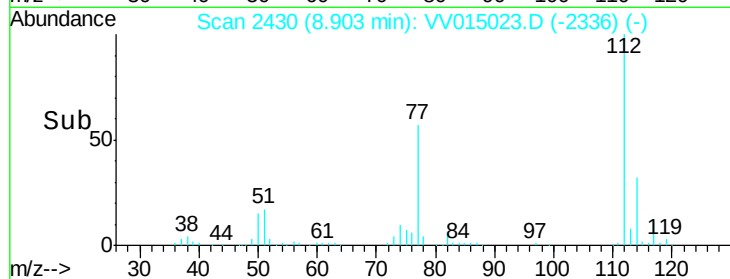
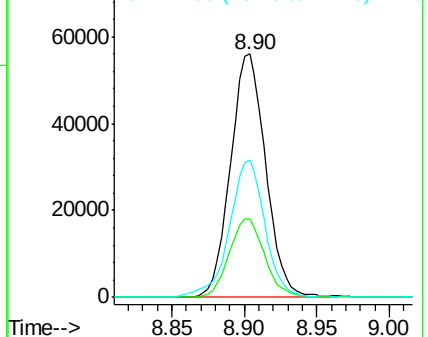
77 56.6 42.9 64.3



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: 1.535 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV015023.D

Acq: 18 Mar 2020 19:11

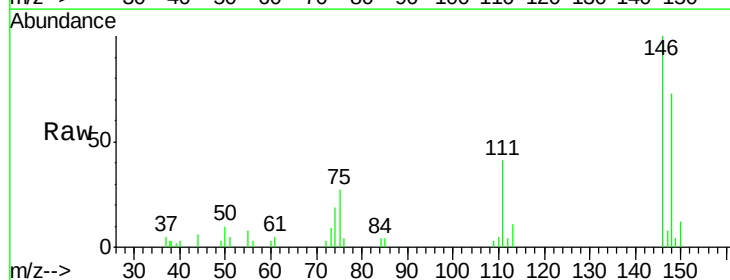
Tgt Ion:146 Resp: 7851

Ion Ratio Lower Upper

146 100

111 41.2 25.7 47.7

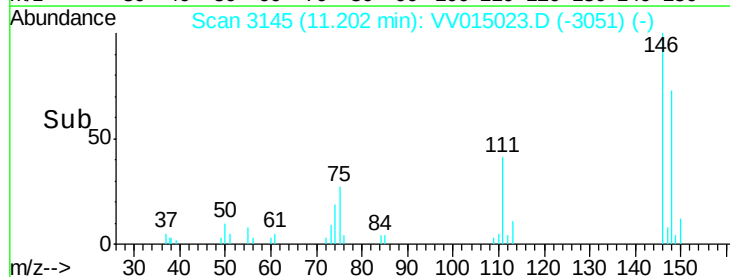
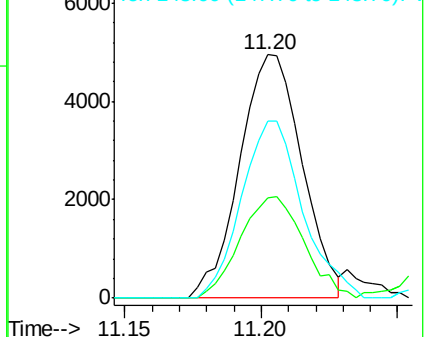
148 72.5 45.4 84.4

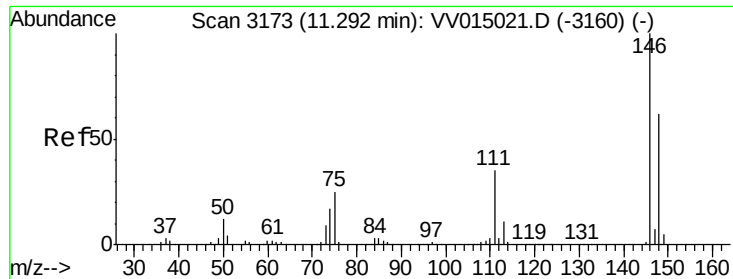


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

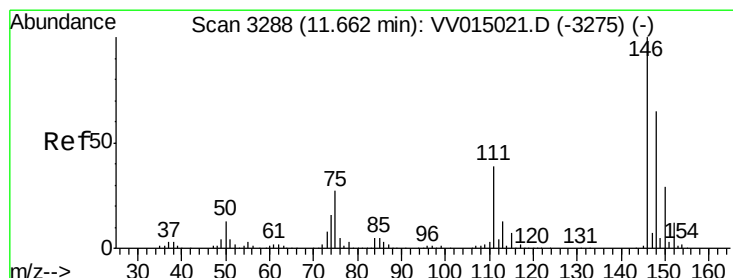
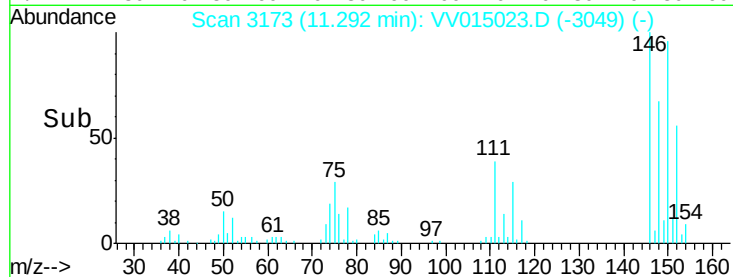
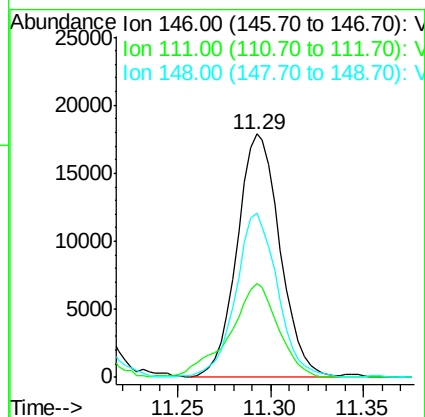
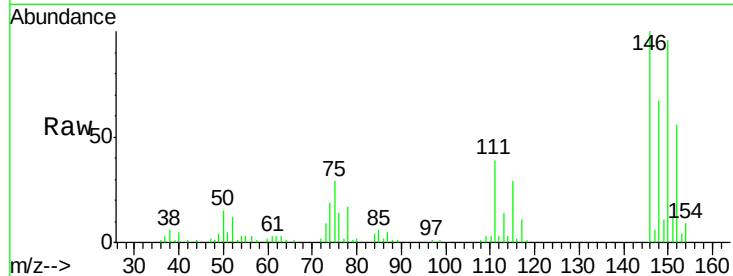




#63
 1,4-Dichlorobenzene
 Concen: 5.403 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: VV015023.D
 Acq: 18 Mar 2020 19:11

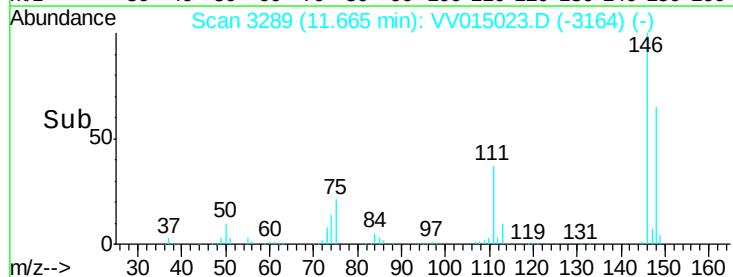
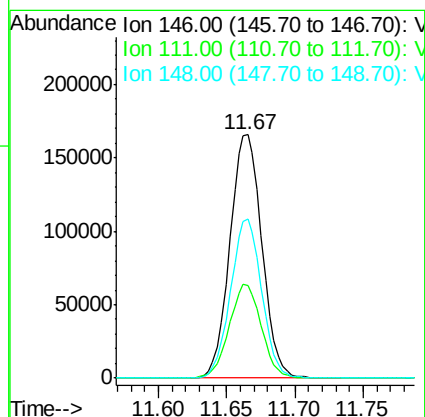
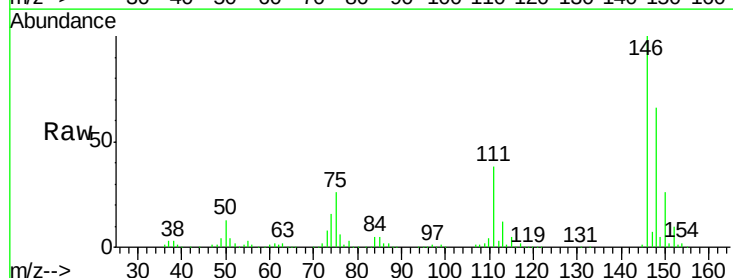
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 C0DC2DL

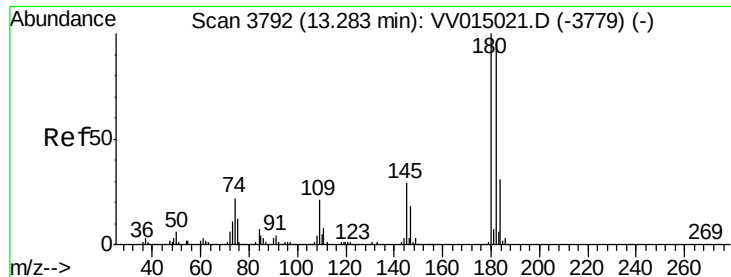
Tot Ion:146 Resp: 28761
 Ion Ratio Lower Upper
 146 100
 111 38.7 25.8 48.0
 148 67.2 45.7 84.9



#65
 1,2-Dichlorobenzene
 Concen: 49.594 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV015023.D
 Acq: 18 Mar 2020 19:11

Tgt Ion:146 Resp: 269404
 Ion Ratio Lower Upper
 146 100
 111 38.1 31.5 47.3
 148 65.5 51.7 77.5





#68

1,2,4-trichlorobenzene

Concen: 8.786 ug/L

RT: 13.28 min Scan# 3792

Delta R.T. -0.00 min

Lab File: VV015023.D

Acq: 18 Mar 2020 19:11

Instrument :

MSVOA_V

ClientSampleId :

C0DC2DL

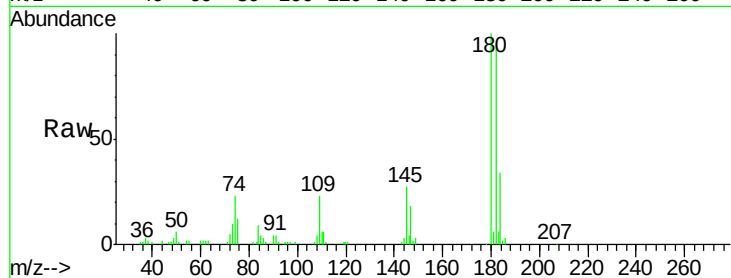
Tot Ion:180 Resp: 32742

Ion Ratio Lower Upper

180 100

182 97.1 76.3 114.5

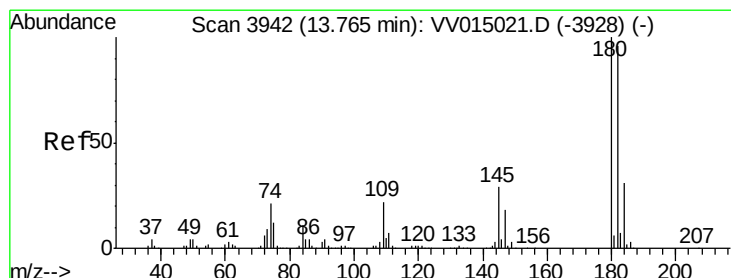
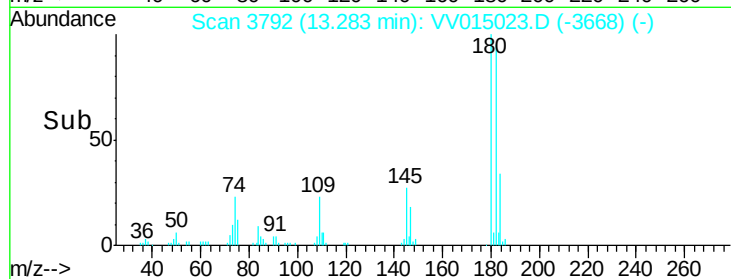
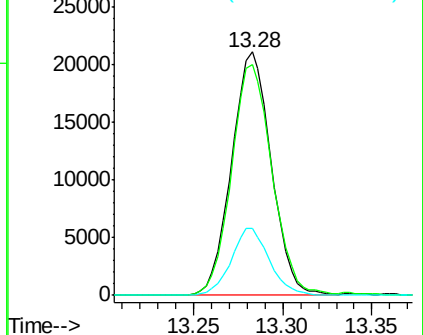
145 26.4 22.2 33.4



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: 1.799 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VV015023.D

Acq: 18 Mar 2020 19:11

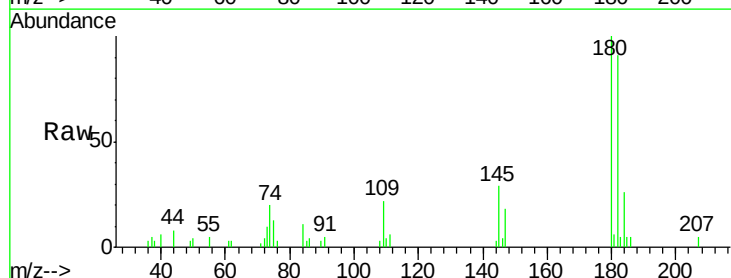
Tgt Ion:180 Resp: 6585

Ion Ratio Lower Upper

180 100

182 97.8 75.5 113.3

145 30.0 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

