

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102120\
 Data File : VV019054.D
 Acq On : 21 Oct 2020 17:20
 Operator : SY/MD
 Sample : L4483-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FH2

Quant Time: Oct 22 20:47:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 06:00:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	275810	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	318497	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147095	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	128190	56.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.92%
7) Chloroethane-d5	1.58	69	109670	60.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.94%
11) 1,1-Dichloroethene-d2	2.12	63	199178	46.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.94%
21) 2-Butanone-d5	3.91	46	172513	109.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.01%
24) Chloroform-d	4.38	84	237744	58.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.56%
26) 1,2-Dichloroethane-d4	5.06	65	154480	57.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.10%
32) Benzene-d6	5.08	84	415535	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.38%
36) 1,2-Dichloropropane-d6	6.09	67	125546	42.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.46%
41) Toluene-d8	7.34	98	431497	51.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.46%
43) trans-1,3-Dichloropropene-	7.64	79	74214	51.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.14%
47) 2-Hexanone-d5	8.11	63	99363	89.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.97%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	159268	45.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	166221	55.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.08%

Target Compounds

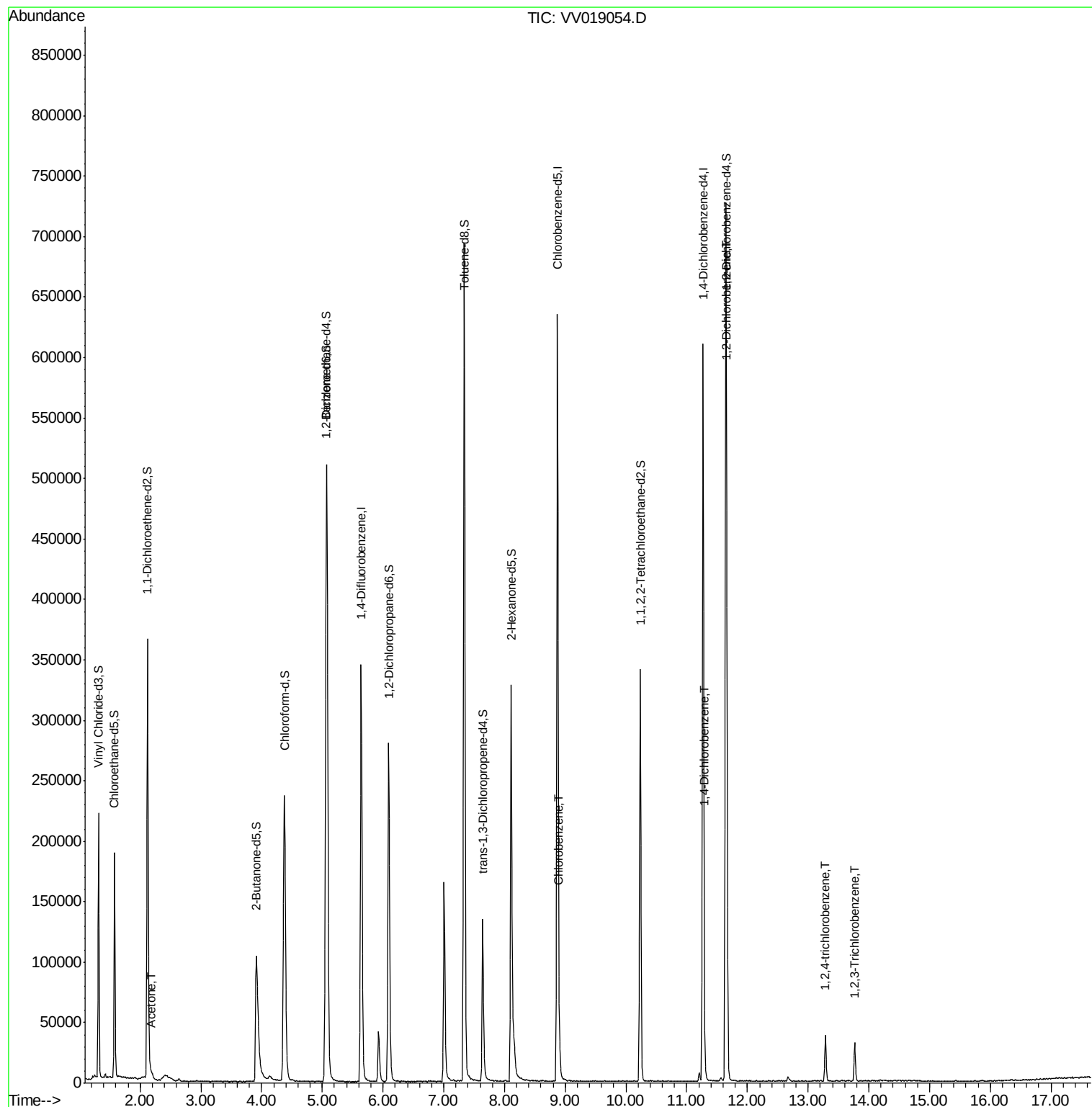
					Ovalue
13) Acetone	2.20	43	5883	5.087 ug/L	76
51) Chlorobenzene	8.90	112	12831	1.952 ug/L	95
63) 1,4-Dichlorobenzene	11.30	146	8144	1.699 ug/L	93
65) 1,2-Dichlorobenzene	11.67	146	79899	17.367 ug/L	97
68) 1,2,4-trichlorobenzene	13.29	180	11190	3.964 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	9268	3.285 ug/L	99

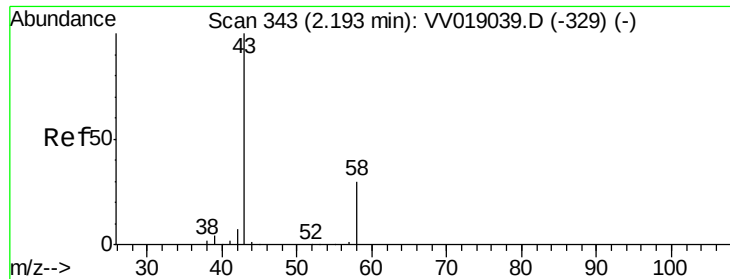
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.087 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV019054.D

Acq: 21 Oct 2020 17:20

Instrument :

MSVOA_V

ClientSampleId :

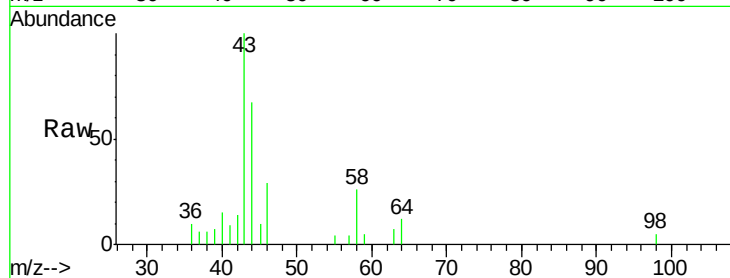
C0FH2

Tot Ion: 43 Resp: 5883

Ion Ratio Lower Upper

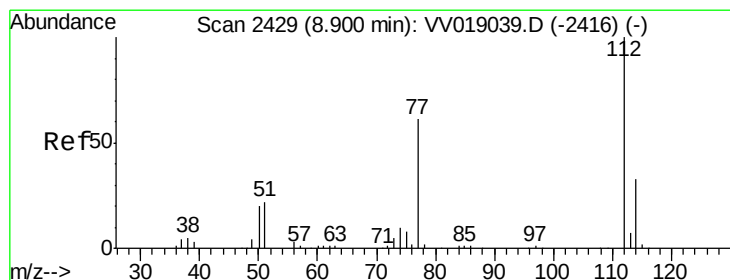
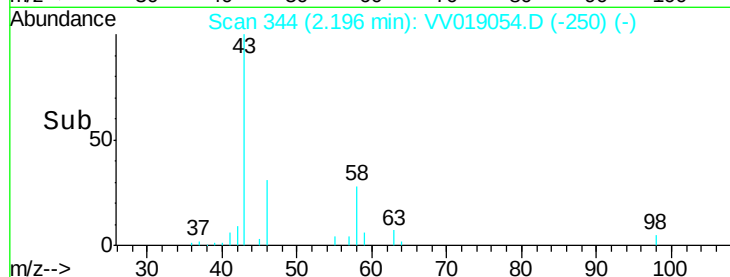
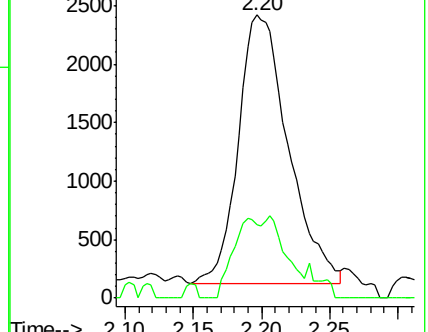
43 100

58 16.3 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV019039.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV019039.D (-329) (-)



#51

Chlorobenzene

Concen: 1.952 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV019054.D

Acq: 21 Oct 2020 17:20

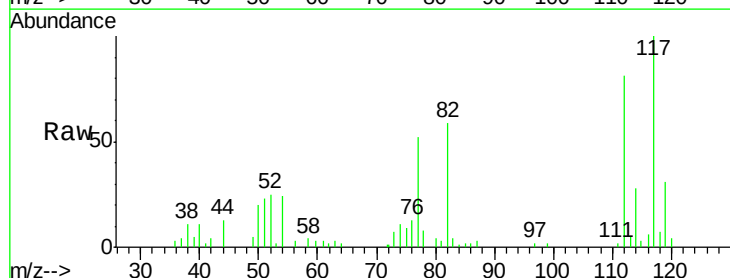
Tgt Ion: 112 Resp: 12831

Ion Ratio Lower Upper

112 100

114 34.4 21.8 40.6

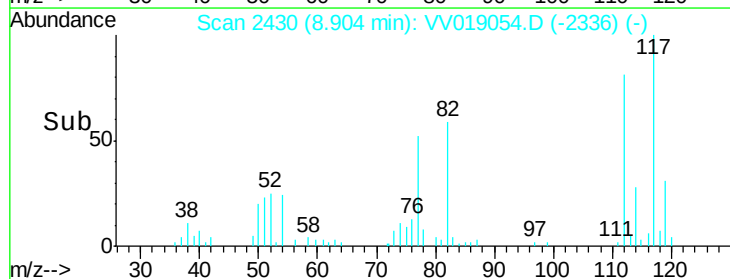
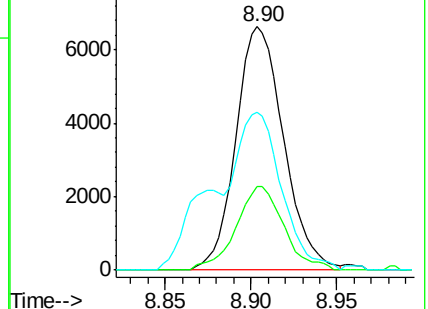
77 64.8 49.2 73.8

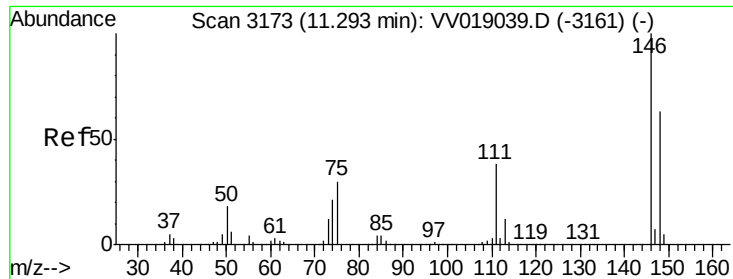


Abundance Ion 112.00 (111.70 to 112.70): VV019039.D (-2416) (-)

Ion 114.00 (113.70 to 114.70): VV019039.D (-2416) (-)

Ion 77.00 (76.70 to 77.70): VV019039.D (-2416) (-)





#63

1,4-Dichlorobenzene

Concen: 1.699 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV019054.D

Acq: 21 Oct 2020 17:20

Instrument :

MSVOA_V

ClientSampleId :

C0FH2

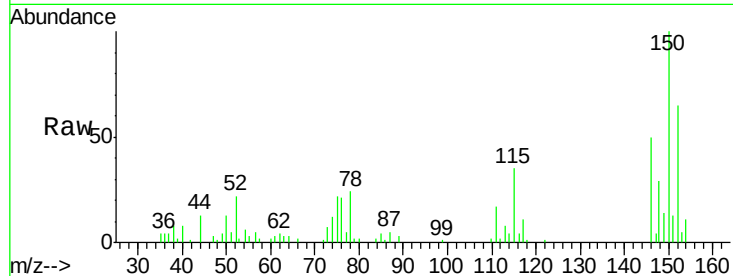
Tot Ion:146 Resp: 8144

Ion Ratio Lower Upper

146 100

111 34.2 27.5 51.1

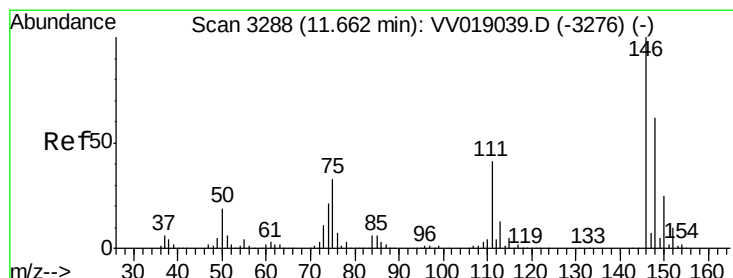
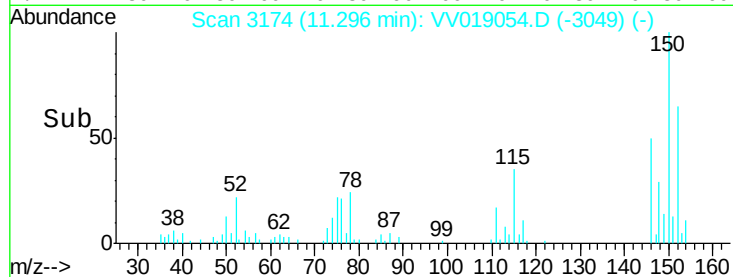
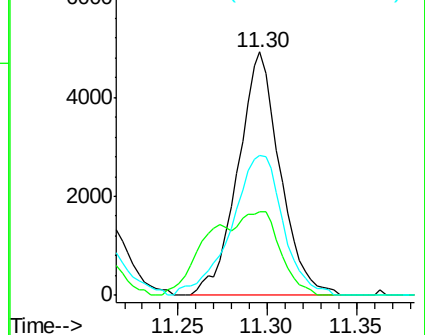
148 57.7 44.1 81.9



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: 17.367 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV019054.D

Acq: 21 Oct 2020 17:20

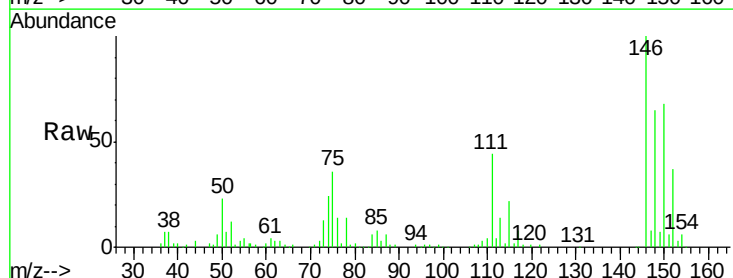
Tgt Ion:146 Resp: 79899

Ion Ratio Lower Upper

146 100

111 43.5 33.9 50.9

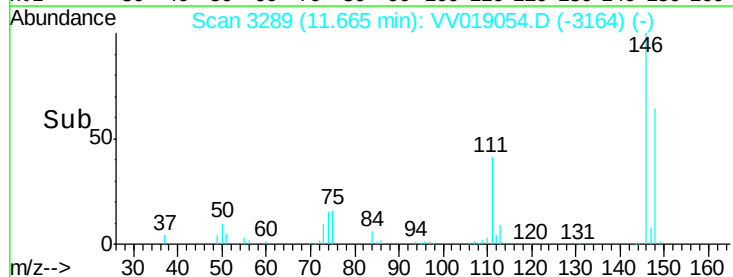
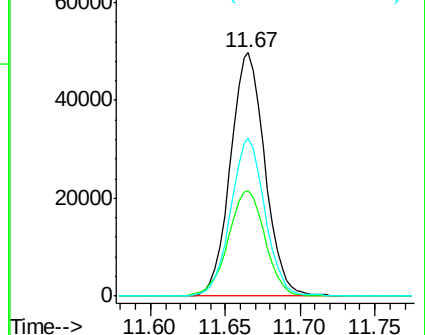
148 65.0 49.8 74.8

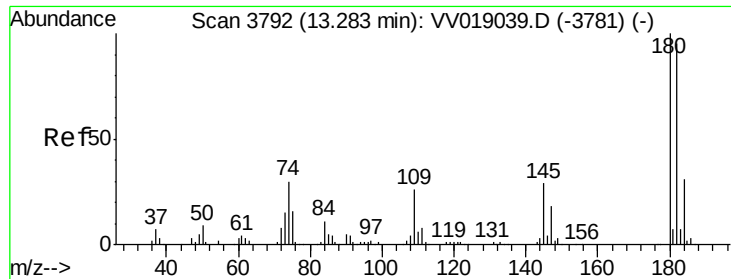


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#68

1,2,4-trichlorobenzene

Concen: 3.964 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.00 min

Lab File: VV019054.D

Acq: 21 Oct 2020 17:20

Instrument :

MSVOA_V

ClientSampleId :

C0FH2

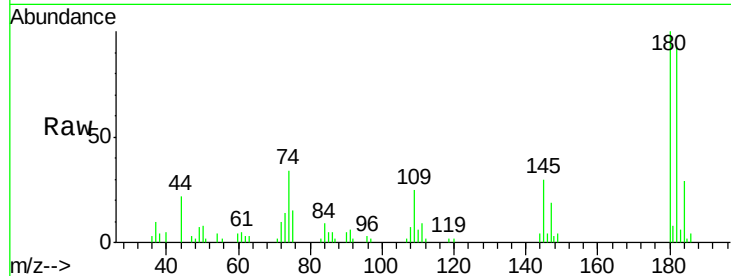
Tot Ion:180 Resp: 11190

Ion Ratio Lower Upper

180 100

182 94.4 76.5 114.7

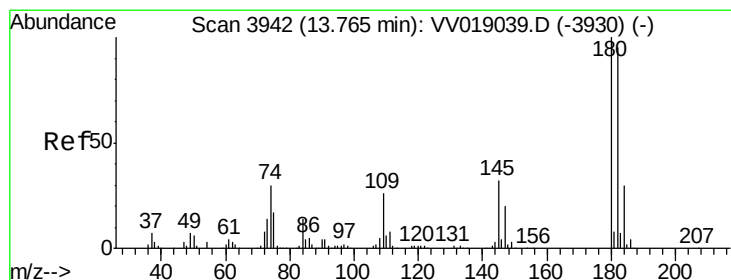
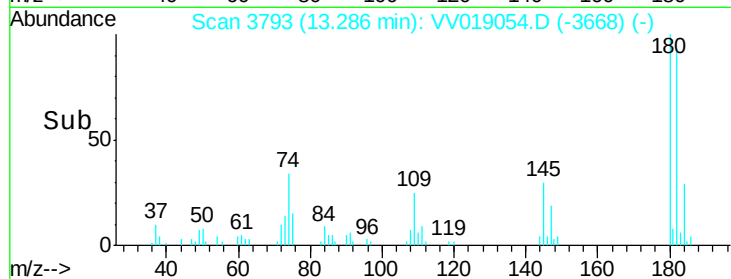
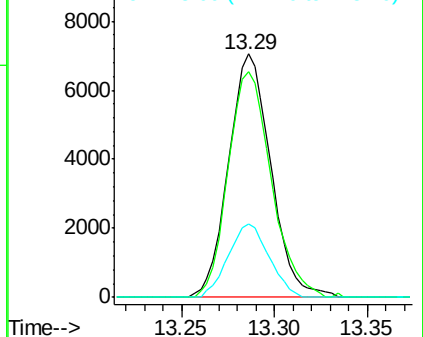
145 29.0 23.7 35.5



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: 3.285 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VV019054.D

Acq: 21 Oct 2020 17:20

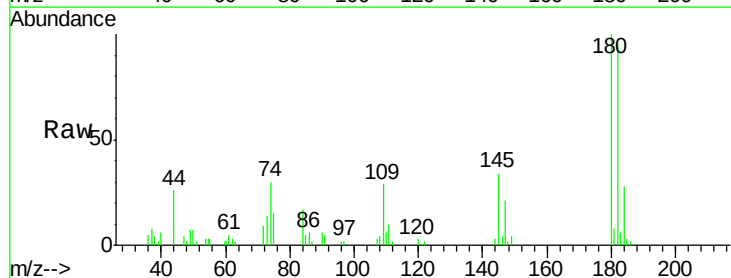
Tgt Ion:180 Resp: 9268

Ion Ratio Lower Upper

180 100

182 94.9 76.8 115.2

145 31.8 25.4 38.0



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

