

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121819\
 Data File : VV014121.D
 Acq On : 18 Dec 2019 14:57
 Operator : SY/MD
 Sample : K6356-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0D38

Quant Time: Dec 19 08:13:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 19 07:06:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	736539	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	716430	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	322985	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	212245	49.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.64%
7) Chloroethane-d5	1.58	69	198656	44.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.36%
11) 1,1-Dichloroethene-d2	2.13	63	293816	31.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.38%
21) 2-Butanone-d5	3.92	46	309528	103.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.23%
24) Chloroform-d	4.40	84	427810	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.64%
26) 1,2-Dichloroethane-d4	5.08	65	266848	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.14%
32) Benzene-d6	5.10	84	825555	44.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.94%
36) 1,2-Dichloropropane-d6	6.11	67	264471	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.92%
41) Toluene-d8	7.36	98	714208	42.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.66	79	112047	41.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.64%
47) 2-Hexanone-d5	8.13	63	200294	96.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.26%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	343216	42.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.08%
64) 1,2-Dichlorobenzene-d4	11.67	152	295575	46.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.18%

Target Compounds

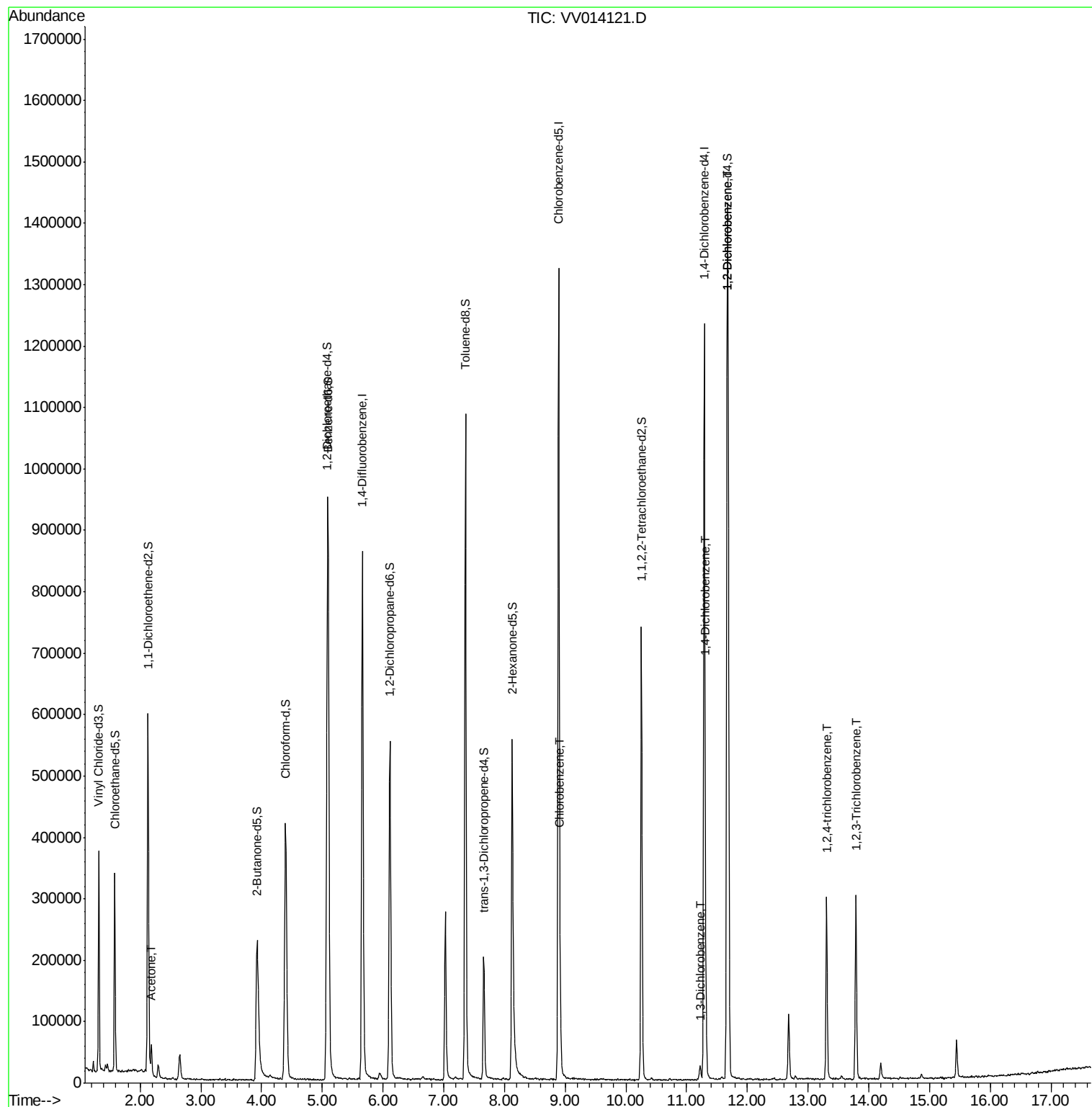
					Ovalue
13) Acetone	2.18	43	43430	9.884	ug/L 97
51) Chlorobenzene	8.92	112	46416	3.056	ug/L 99
62) 1,3-Dichlorobenzene	11.22	146	8677	0.819	ug/L 93
63) 1,4-Dichlorobenzene	11.31	146	70427	6.428	ug/L 99
65) 1,2-Dichlorobenzene	11.68	146	443557	41.841	ug/L 99
68) 1,2,4-trichlorobenzene	13.31	180	97185	12.515	ug/L 98
70) 1,2,3-Trichlorobenzene	13.79	180	96509	11.884	ug/L 98

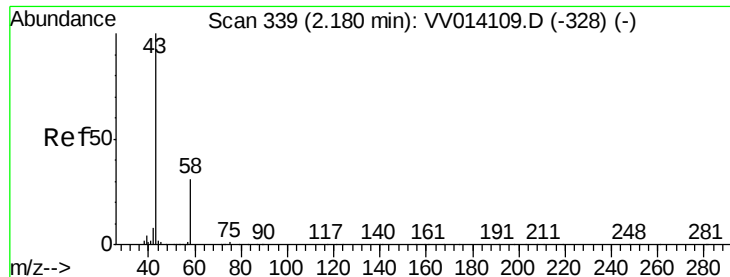
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 9.884 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV014121.D

Acq: 18 Dec 2019 14:57

Instrument :

MSVOA_V

ClientSampleId :

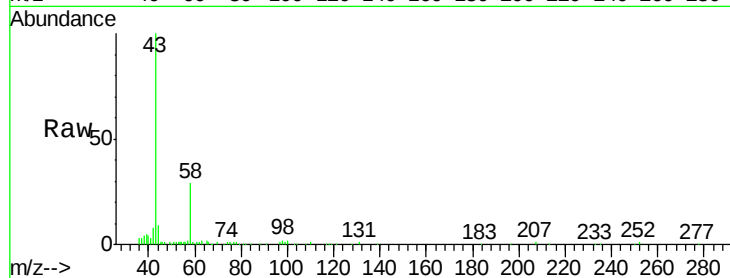
C0D38

Tot Ion: 43 Resp: 43430

Ion Ratio Lower Upper

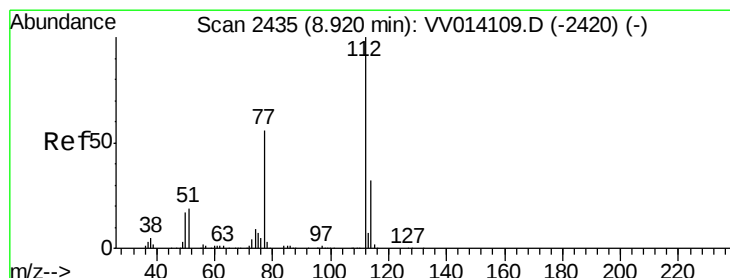
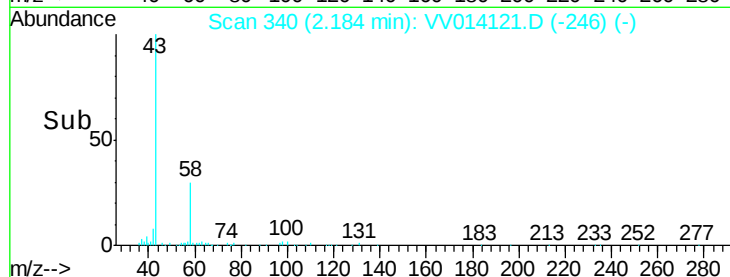
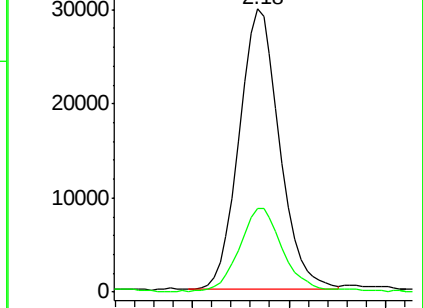
43 100

58 32.1 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV014121.D (-246) (-)

Ion 58.00 (57.70 to 58.70): VV014121.D (-246) (-)



#51

Chlorobenzene

Concen: 3.056 ug/L

RT: 8.92 min Scan# 2435

Delta R.T. -0.00 min

Lab File: VV014121.D

Acq: 18 Dec 2019 14:57

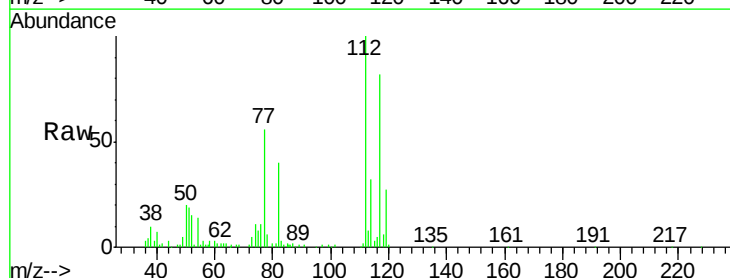
Tgt Ion: 112 Resp: 46416

Ion Ratio Lower Upper

112 100

114 32.3 23.2 43.2

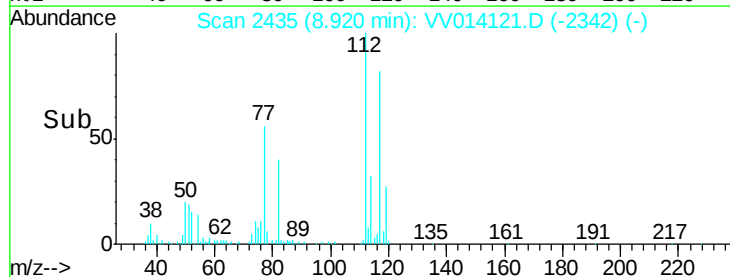
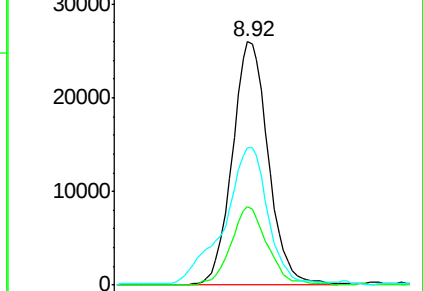
77 56.2 45.0 67.4

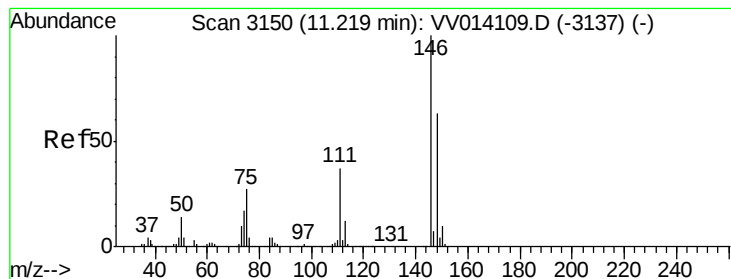


Abundance Ion 112.00 (111.70 to 112.70): VV014121.D (-2342) (-)

Ion 114.00 (113.70 to 114.70): VV014121.D (-2342) (-)

Ion 77.00 (76.70 to 77.70): VV014121.D (-2342) (-)





#62

1,3-Dichlorobenzene

Concen: 0.819 ug/L

RT: 11.22 min Scan# 3152

Delta R.T. 0.01 min

Lab File: VV014121.D

Acq: 18 Dec 2019 14:57

Instrument :

MSVOA_V

ClientSampleId :

C0D38

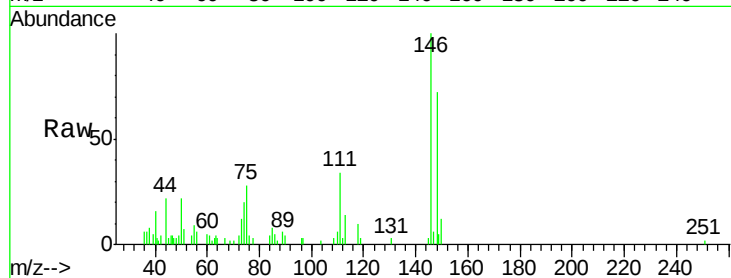
Tot Ion:146 Resp: 8677

Ion Ratio Lower Upper

146 100

111 34.2 25.8 48.0

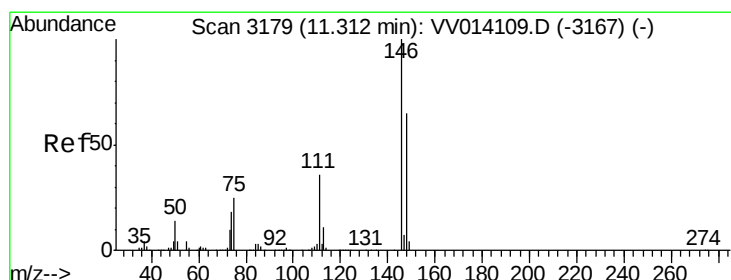
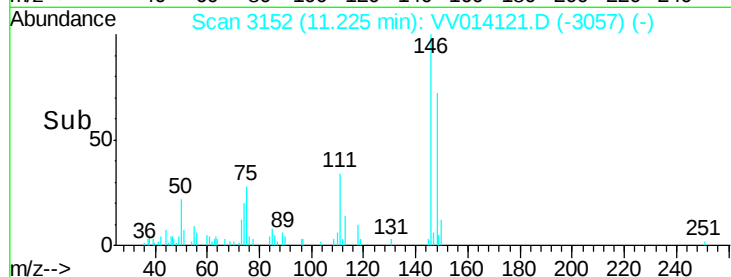
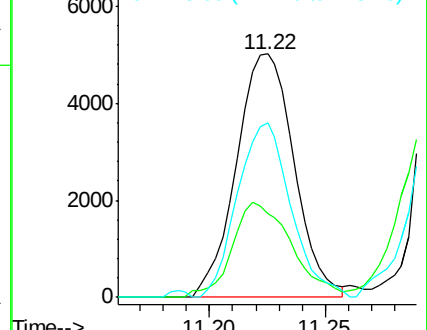
148 71.6 45.2 84.0



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: 6.428 ug/L

RT: 11.31 min Scan# 3179

Delta R.T. -0.00 min

Lab File: VV014121.D

Acq: 18 Dec 2019 14:57

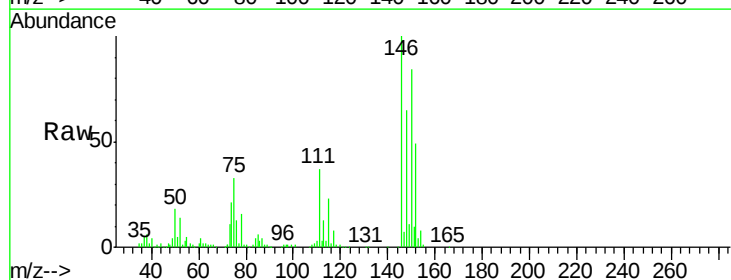
Tgt Ion:146 Resp: 70427

Ion Ratio Lower Upper

146 100

111 36.8 25.4 47.2

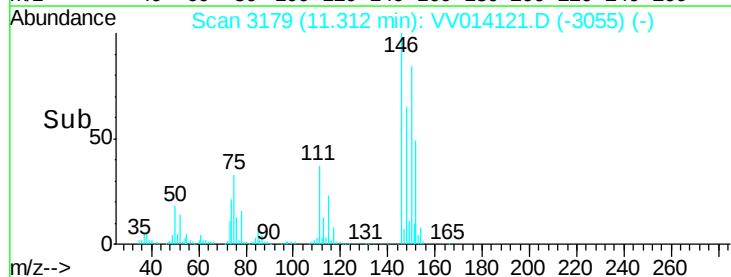
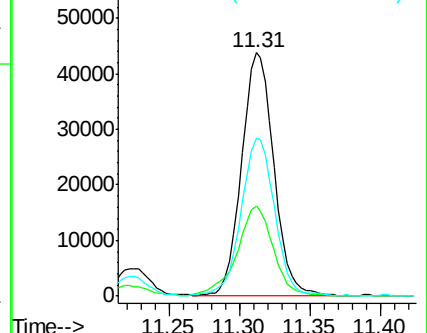
148 64.6 44.9 83.5

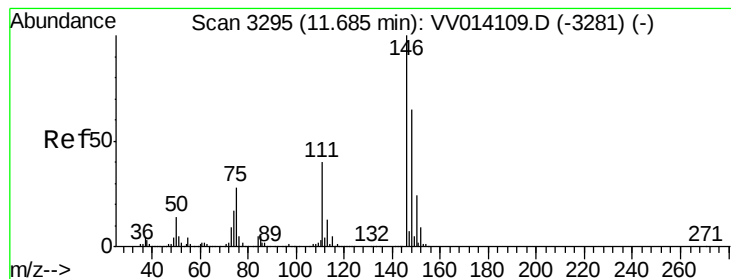


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 41.841 ug/L

RT: 11.68 min Scan# 3295

Delta R.T. -0.00 min

Lab File: VV014121.D

Acq: 18 Dec 2019 14:57

Instrument :

MSVOA_V

ClientSampleId :

C0D38

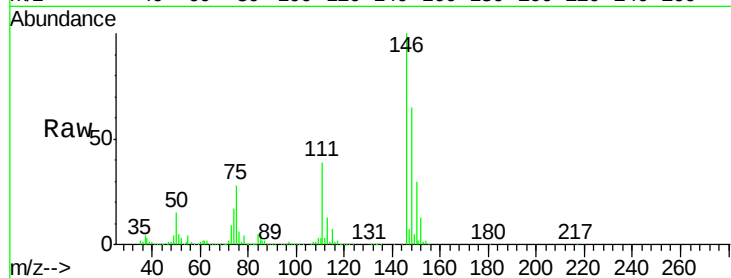
Tot Ion:146 Resp: 443557

Ion Ratio Lower Upper

146 100

111 38.5 31.4 47.0

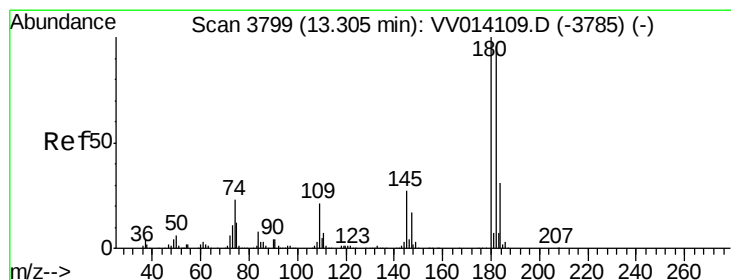
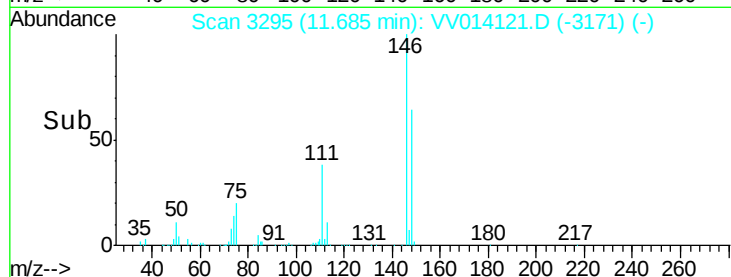
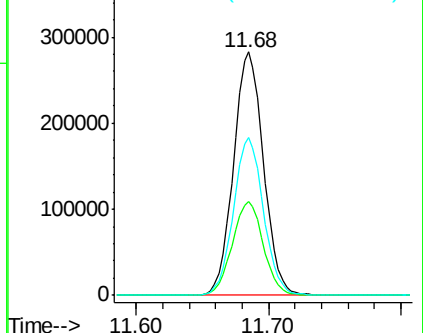
148 64.6 51.5 77.3



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: 12.515 ug/L

RT: 13.31 min Scan# 3799

Delta R.T. -0.00 min

Lab File: VV014121.D

Acq: 18 Dec 2019 14:57

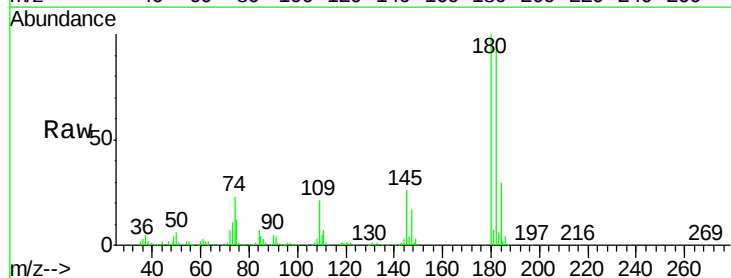
Tgt Ion:180 Resp: 97185

Ion Ratio Lower Upper

180 100

182 97.5 76.2 114.4

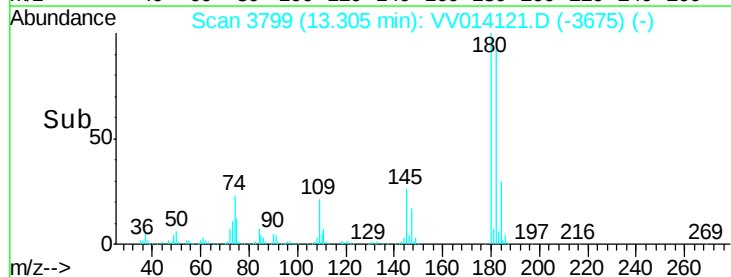
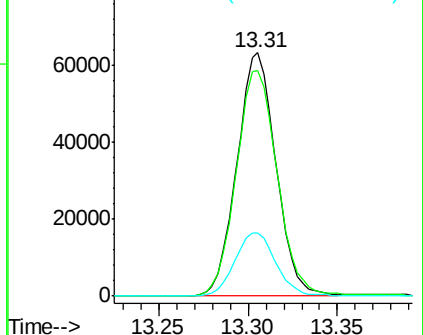
145 27.1 21.9 32.9

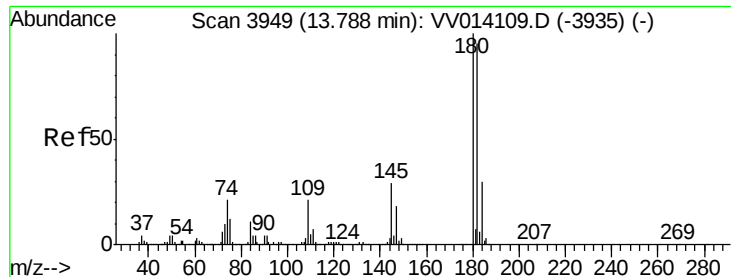


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 11.884 ug/L
 RT: 13.79 min Scan# 3949
 Delta R.T. -0.00 min
 Lab File: VV014121.D
 Acq: 18 Dec 2019 14:57

Instrument :
 MSVOA_V
 ClientSampleId :
 C0D38

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.0	115.4
145	30.0	22.6	34.0

