

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040220\
 Data File : VV015377.D
 Acq On : 02 Apr 2020 16:25
 Operator : SY/MD
 Sample : L2003-01DL2 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EK0DL2

Quant Time: Apr 03 03:26:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 03 01:25:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	714670	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	686882	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	317507	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	214750	33.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.02%
7) Chloroethane-d5	1.58	69	199606	36.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.92%
11) 1,1-Dichloroethene-d2	2.12	63	337384	29.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.92%#
21) 2-Butanone-d5	3.94	46	284487	83.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.53%
24) Chloroform-d	4.38	84	419380	39.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.28%
26) 1,2-Dichloroethane-d4	5.06	65	280681	42.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.18%
32) Benzene-d6	5.08	84	875057	41.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.74%
36) 1,2-Dichloropropane-d6	6.09	67	262008	42.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.02%
41) Toluene-d8	7.34	98	843343	41.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.38%
43) trans-1,3-Dichloropropene-	7.64	79	133871	38.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.70%
47) 2-Hexanone-d5	8.12	63	234909	82.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.47%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	385157	43.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	320493	44.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.74%

Target Compounds

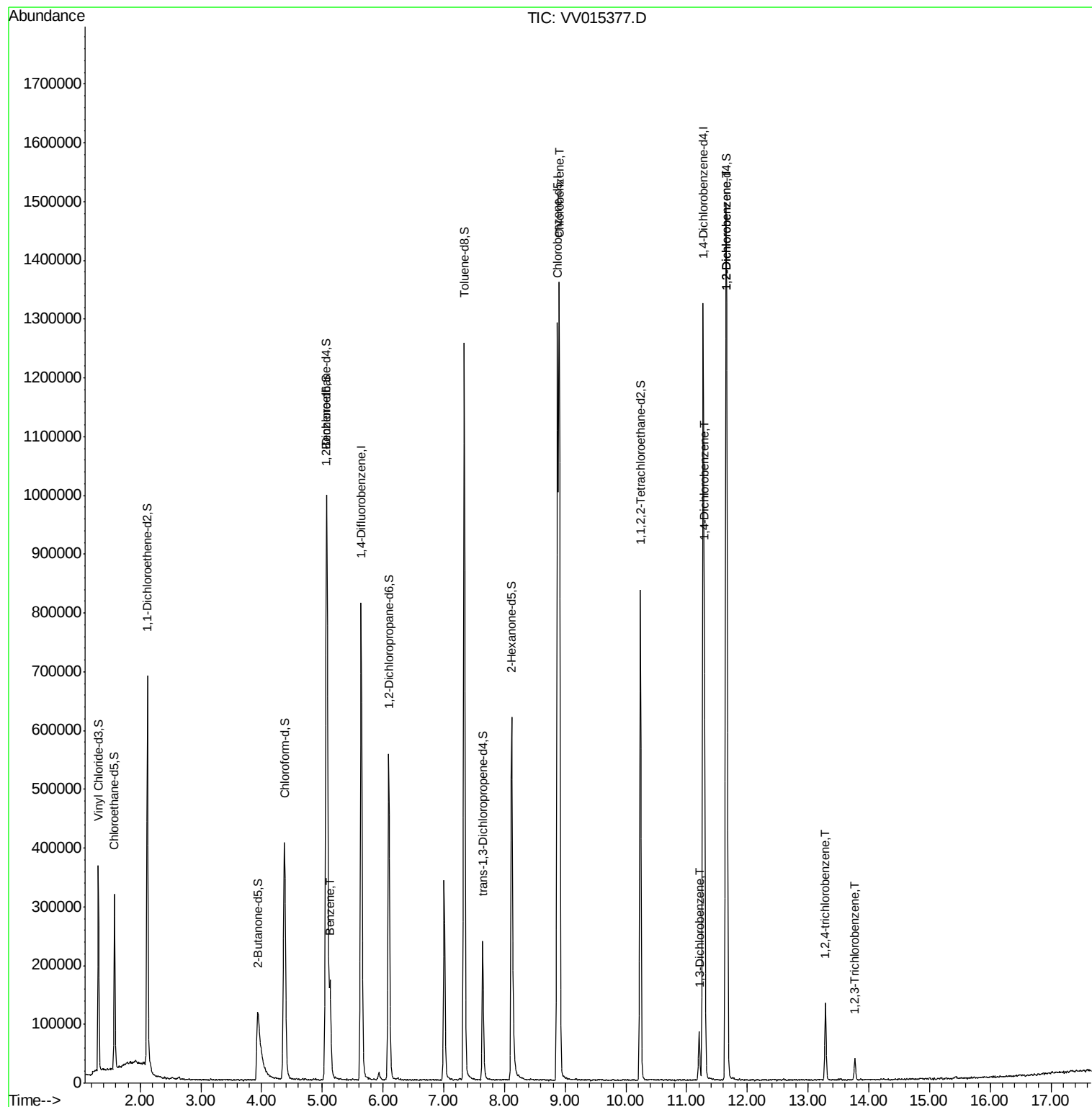
					Ovalue
33) Benzene	5.13	78	169843	8.354	ug/L 100
51) Chlorobenzene	8.90	112	724878	48.950	ug/L 97
62) 1,3-Dichlorobenzene	11.21	146	31992	2.993	ug/L 96
63) 1,4-Dichlorobenzene	11.30	146	240210	22.158	ug/L 98
65) 1,2-Dichlorobenzene	11.67	146	320819	29.427	ug/L 99
68) 1,2,4-trichlorobenzene	13.29	180	36573	5.652	ug/L 96
70) 1,2,3-Trichlorobenzene	13.77	180	10792	1.619	ug/L 97

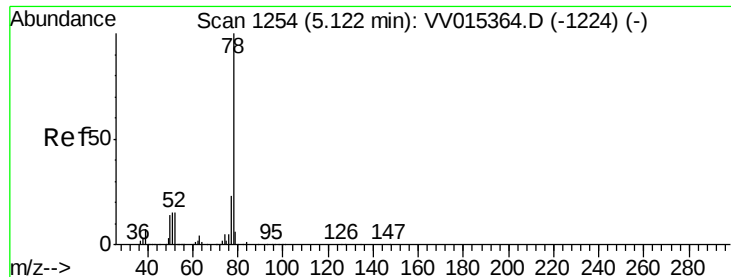
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 03 01:25:45 2020
Response via : Initial Calibration





#33

Benzene

Concen: 8.354 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV015377.D

Acq: 02 Apr 2020 16:25

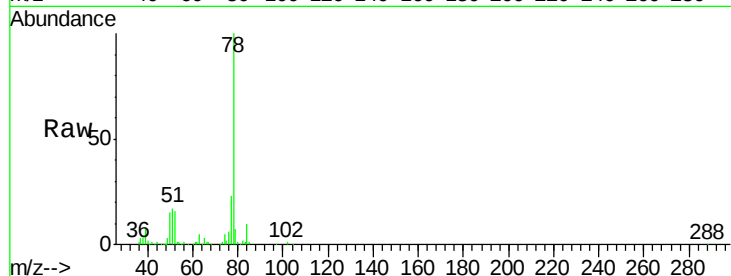
Instrument :

MSVOA_V

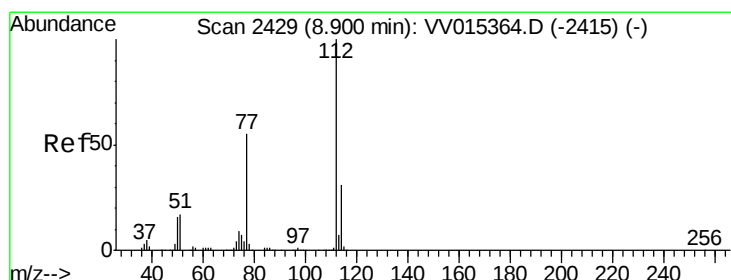
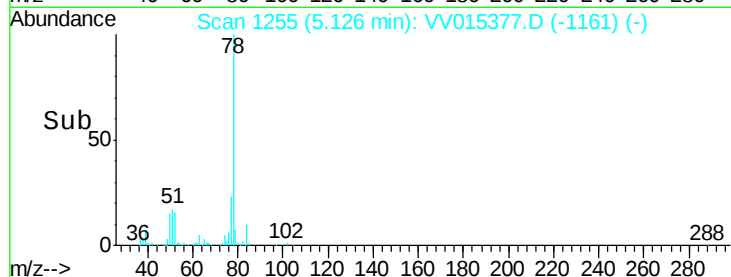
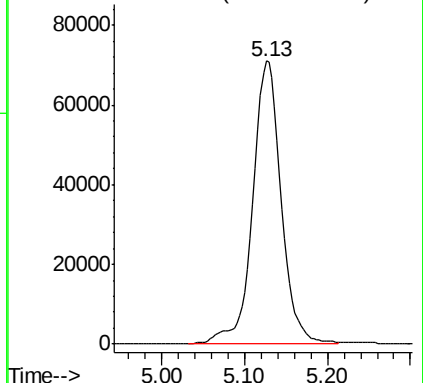
ClientSampleId :

C0EK0DL2

Tgt Ion: 78 Resp: 169843



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 48.950 ug/L

RT: 8.90 min Scan# 2430

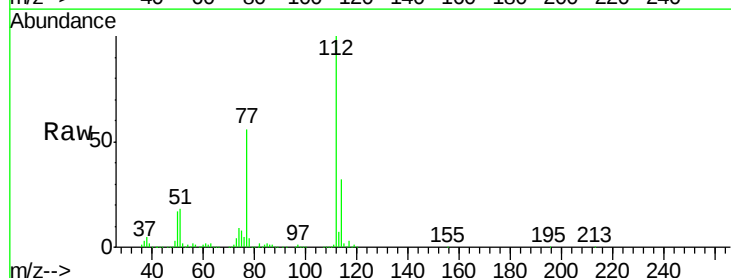
Delta R.T. 0.00 min

Lab File: VV015377.D

Acq: 02 Apr 2020 16:25

Tgt Ion: 112 Resp: 724878

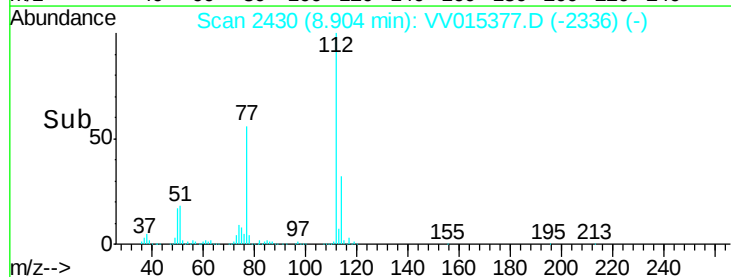
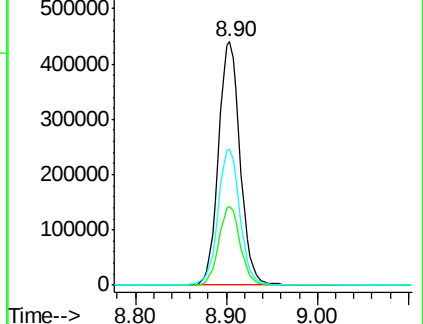
Ion	Ratio	Lower	Upper
112	100		
114	32.5	21.8	40.4
77	55.8	46.2	69.2

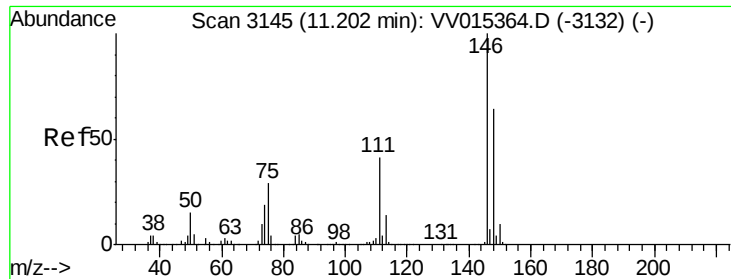


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#62

1,3-Dichlorobenzene

Concen: 2.993 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV015377.D

Acq: 02 Apr 2020 16:25

Instrument :

MSVOA_V

ClientSampleId :

C0EK0DL2

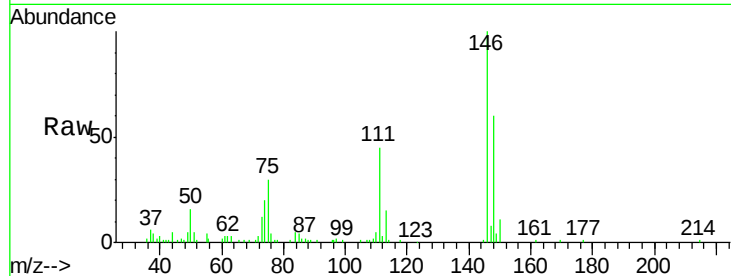
Tot Ion:146 Resp: 31992

Ion Ratio Lower Upper

146 100

111 44.8 30.2 56.2

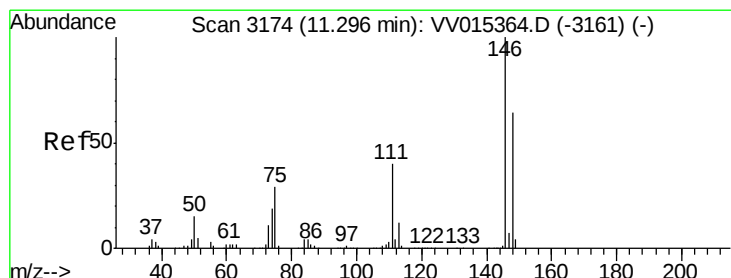
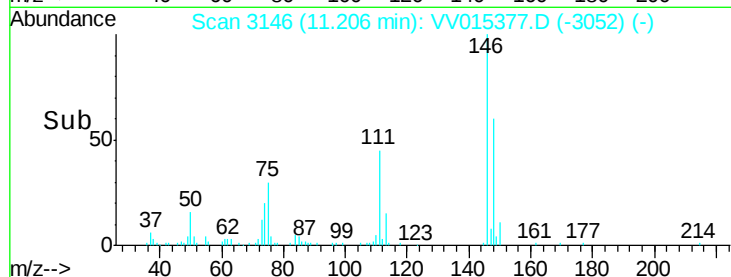
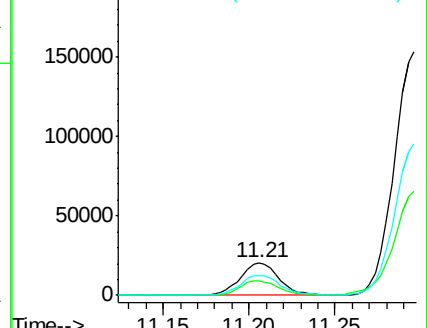
148 59.8 44.7 83.1



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: 22.158 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV015377.D

Acq: 02 Apr 2020 16:25

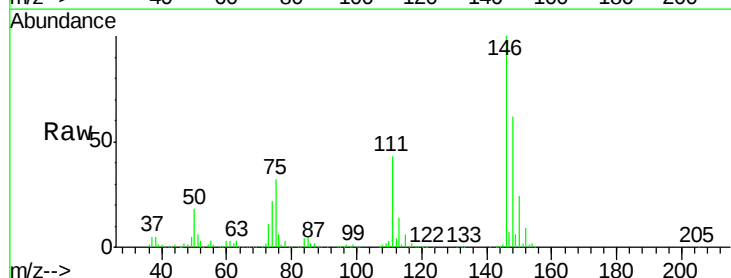
Tgt Ion:146 Resp: 240210

Ion Ratio Lower Upper

146 100

111 43.0 29.3 54.5

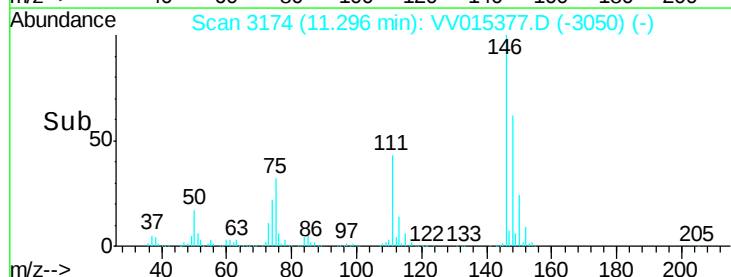
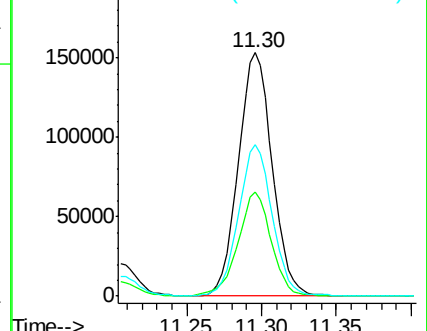
148 62.1 44.7 82.9

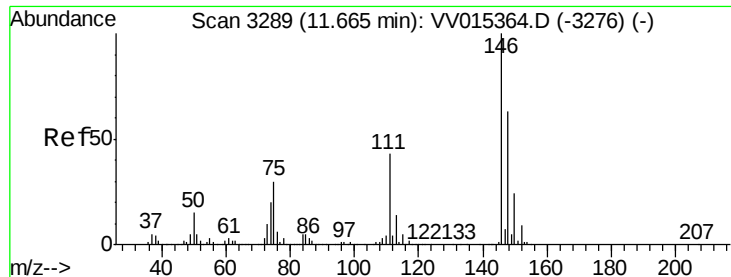


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 29.427 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV015377.D

Acq: 02 Apr 2020 16:25

Instrument :

MSVOA_V

ClientSampleId :

C0EK0DL2

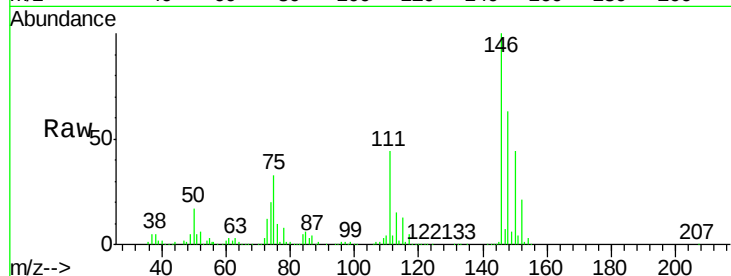
Tot Ion:146 Resp: 320819

Ion Ratio Lower Upper

146 100

111 44.2 35.1 52.7

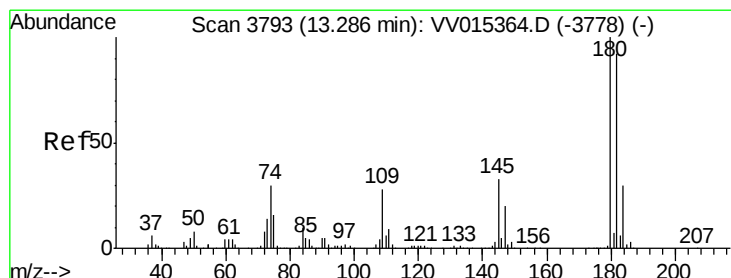
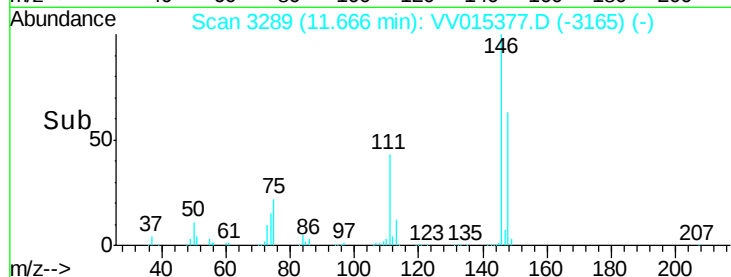
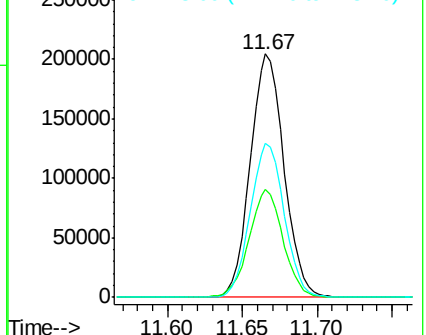
148 63.0 51.0 76.4



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



#68

1,2,4-trichlorobenzene

Concen: 5.652 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.00 min

Lab File: VV015377.D

Acq: 02 Apr 2020 16:25

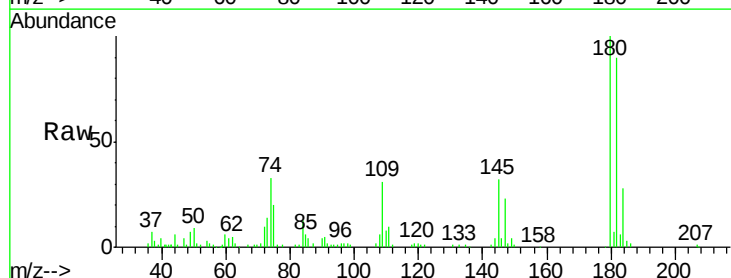
Tgt Ion:180 Resp: 36573

Ion Ratio Lower Upper

180 100

182 91.8 75.8 113.8

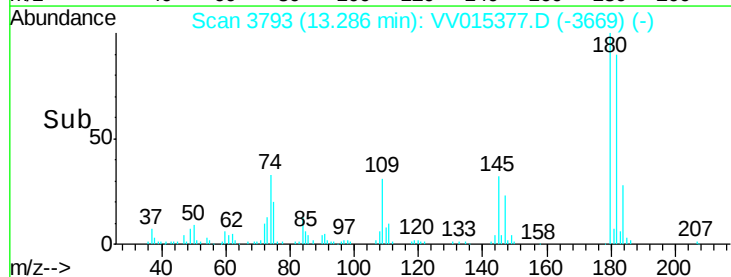
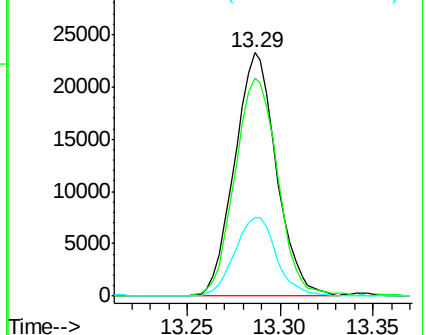
145 31.9 27.7 41.5

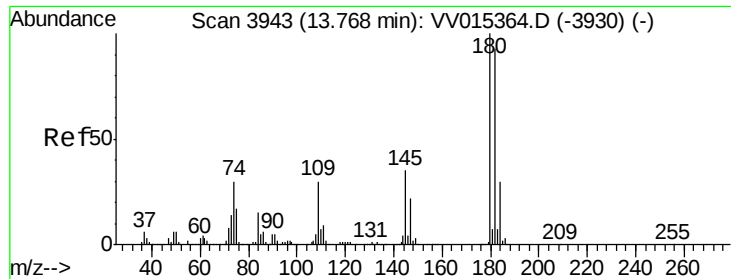


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 1.619 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VV015377.D
 Acq: 02 Apr 2020 16:25

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EK0DL2

Tot Ion:180	Resp:	10792
Ion Ratio	Lower	Upper
180	100	
182	93.3	76.1 114.1
145	32.8	28.2 42.4

