

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040120\
 Data File : VV015353.D
 Acq On : 02 Apr 2020 03:00
 Operator : SY/MD
 Sample : L2005-03 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CODE4

Quant Time: Apr 02 06:51:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 02 06:34:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	677328	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	643590	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	305882	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	159605	26.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	52.56%#
7) Chloroethane-d5	1.58	69	166075	32.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	64.02%#
11) 1,1-Dichloroethene-d2	2.12	63	243502	22.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	44.86%#
21) 2-Butanone-d5	3.94	46	298308	92.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.41%
24) Chloroform-d	4.37	84	384064	38.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.62%
26) 1,2-Dichloroethane-d4	5.06	65	255461	40.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.80%
32) Benzene-d6	5.07	84	742430	37.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.92%
36) 1,2-Dichloropropane-d6	6.09	67	241808	41.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.76%
41) Toluene-d8	7.33	98	687206	36.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.52%#
43) trans-1,3-Dichloropropene-	7.64	79	108094	33.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.96%
47) 2-Hexanone-d5	8.11	63	218204	81.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.76%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	355814	42.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	287657	41.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.68%

Target Compounds

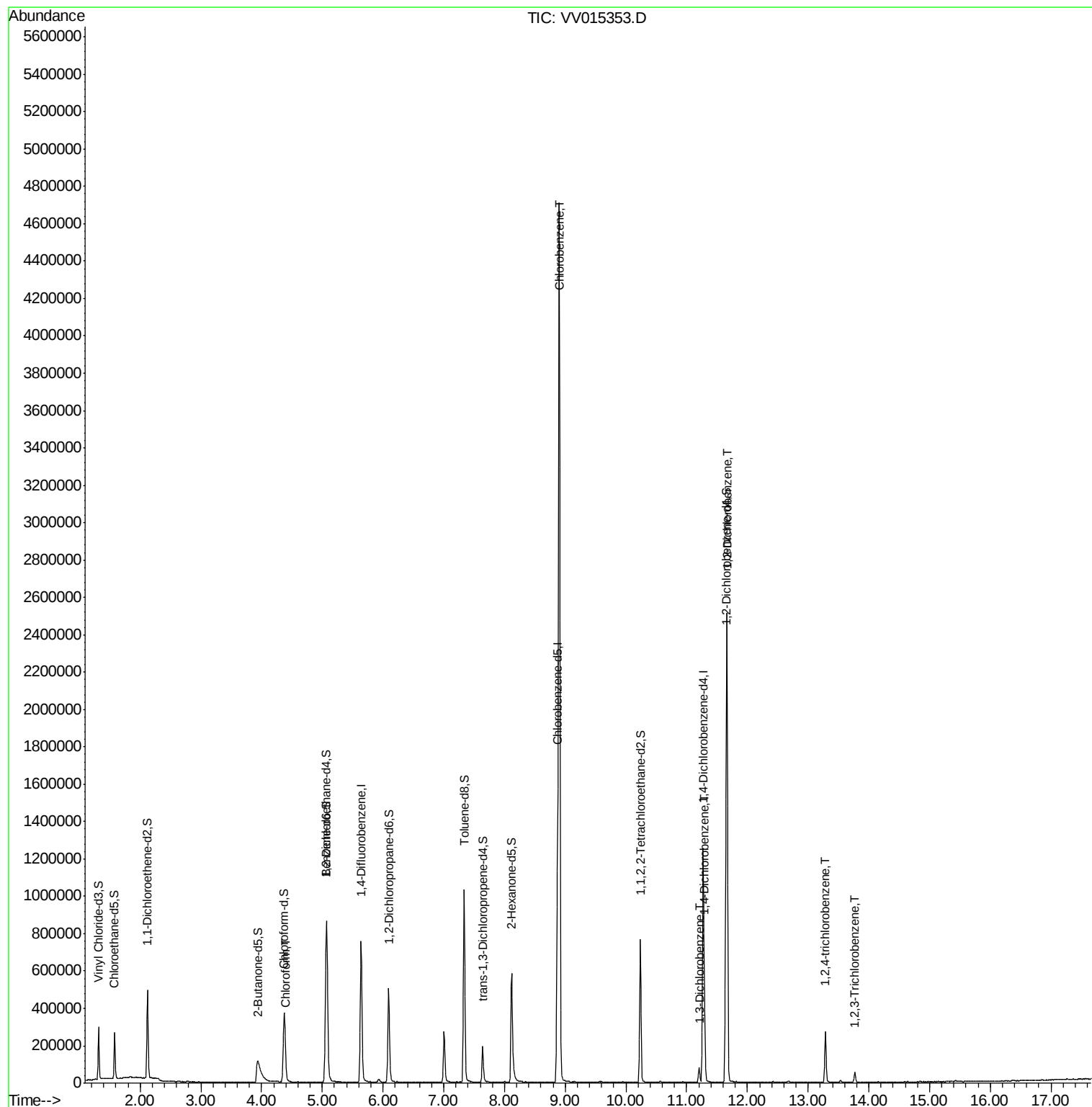
					Ovalue
25) Chloroform	4.41	83	10025	1.098	ug/L 99
51) Chlorobenzene	8.90	112	2529038	182.271	ug/L 98
62) 1,3-Dichlorobenzene	11.21	146	30837	2.995	ug/L 98
63) 1,4-Dichlorobenzene	11.30	146	151632	14.519	ug/L 98
65) 1,2-Dichlorobenzene	11.67	146	892598	84.984	ug/L 99
68) 1,2,4-trichlorobenzene	13.29	180	76784	12.317	ug/L 99
70) 1,2,3-Trichlorobenzene	13.77	180	14451	2.250	ug/L 99

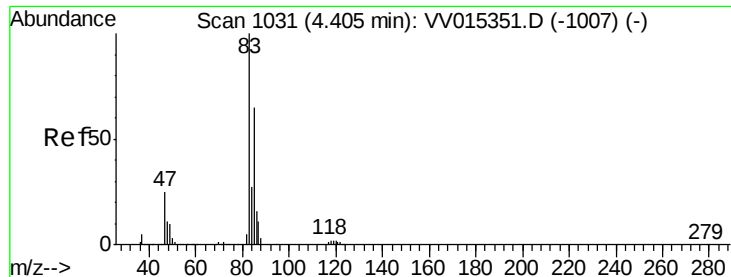
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 02 06:34:01 2020
Response via : Initial Calibration





#25

Chloroform

Concen: 1.098 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV015353.D

Acq: 02 Apr 2020 03:00

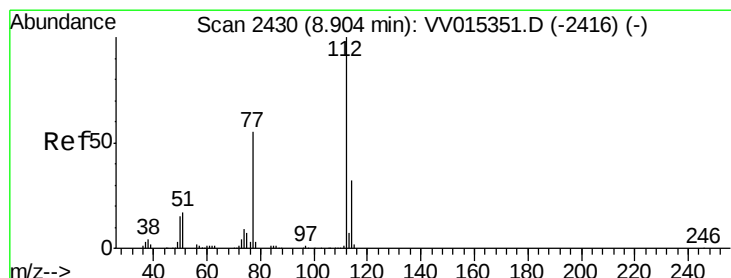
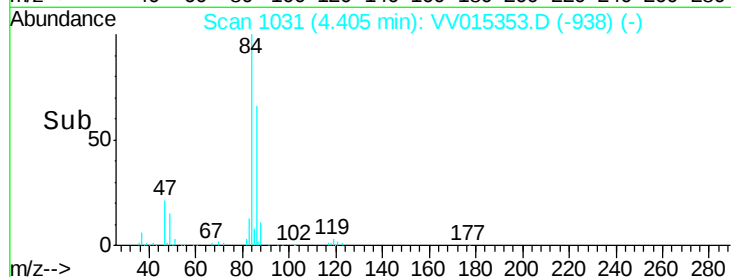
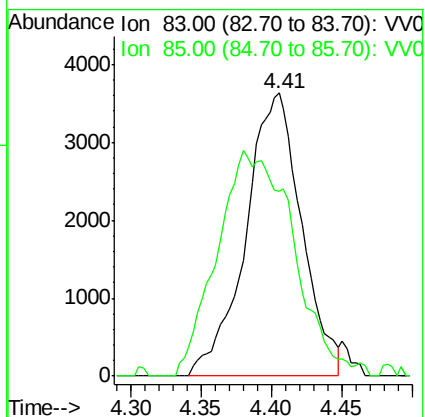
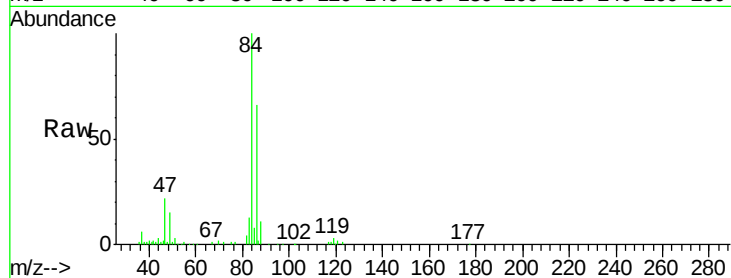
Instrument :
MSVOA_V
ClientSampleId :
CODE4

Tot Ion: 83 Resp: 10025

Ion Ratio Lower Upper

83 100

85 65.3 45.1 83.9



#51

Chlorobenzene

Concen: 182.271 ug/L

RT: 8.90 min Scan# 2429

Delta R.T. -0.00 min

Lab File: VV015353.D

Acq: 02 Apr 2020 03:00

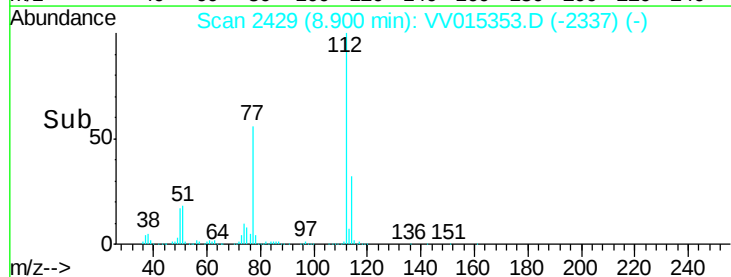
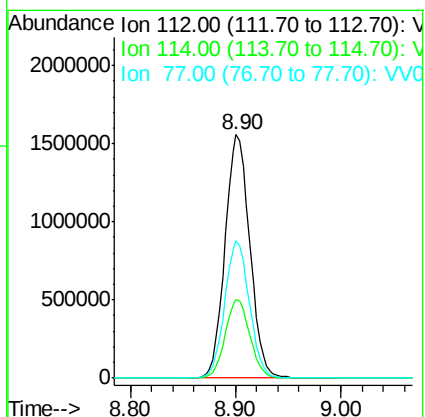
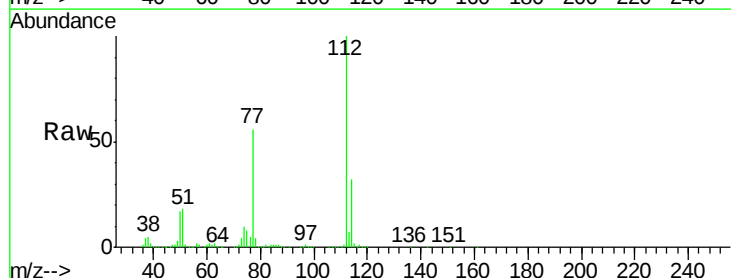
Tgt Ion: 112 Resp: 2529038

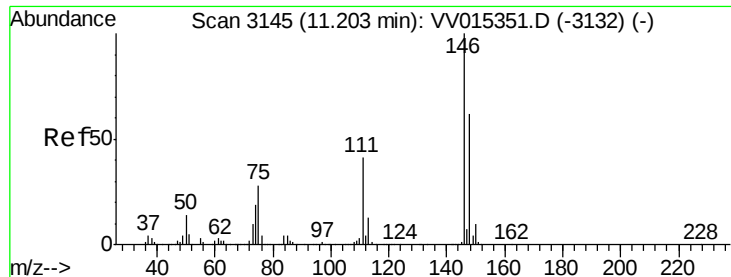
Ion Ratio Lower Upper

112 100

114 32.4 21.8 40.4

77 56.4 46.2 69.2





#62

1,3-Dichlorobenzene

Concen: 2.995 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV015353.D

Acq: 02 Apr 2020 03:00

Instrument :

MSVOA_V

ClientSampleId :

C0DE4

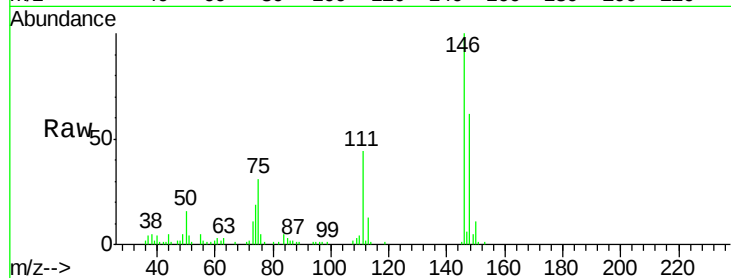
Tot Ion:146 Resp: 30837

Ion Ratio Lower Upper

146 100

111 44.3 30.2 56.2

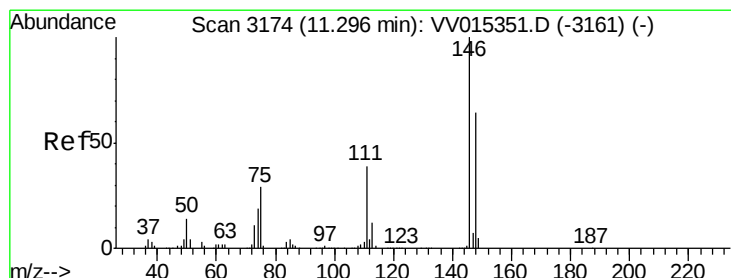
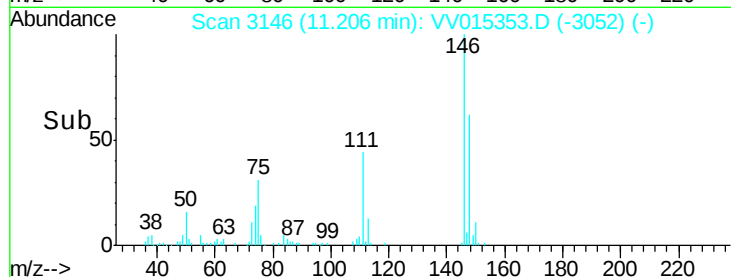
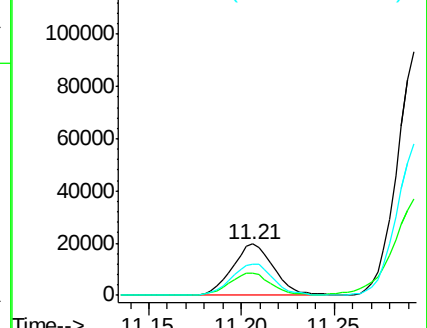
148 61.7 44.7 83.1



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: 14.519 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV015353.D

Acq: 02 Apr 2020 03:00

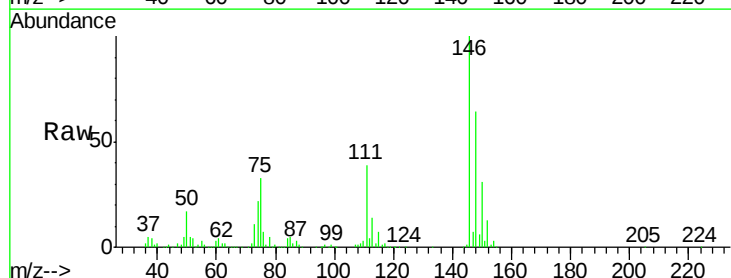
Tgt Ion:146 Resp: 151632

Ion Ratio Lower Upper

146 100

111 38.9 29.3 54.5

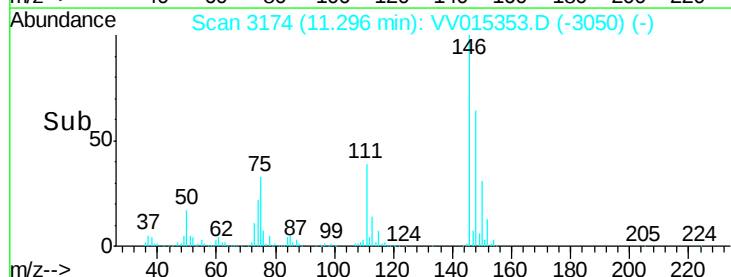
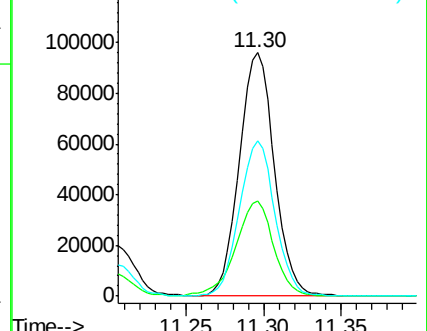
148 63.7 44.7 82.9

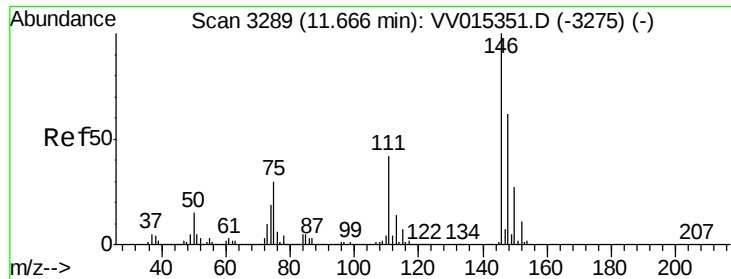


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 84.984 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV015353.D

Acq: 02 Apr 2020 03:00

Instrument :

MSVOA_V

ClientSampleId :

C0DE4

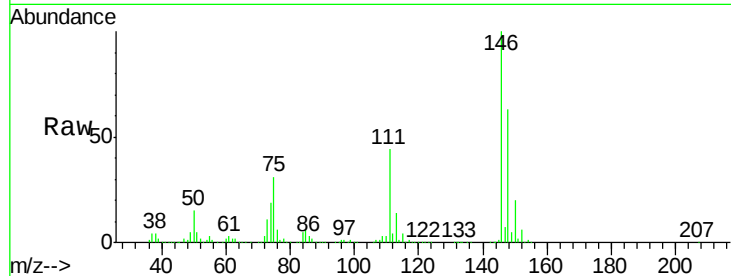
Tot Ion:146 Resp: 892598

Ion Ratio Lower Upper

146 100

111 43.5 35.1 52.7

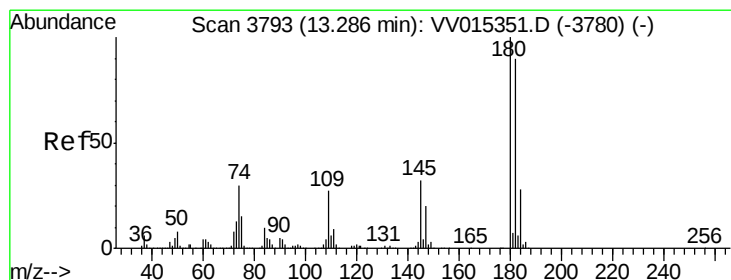
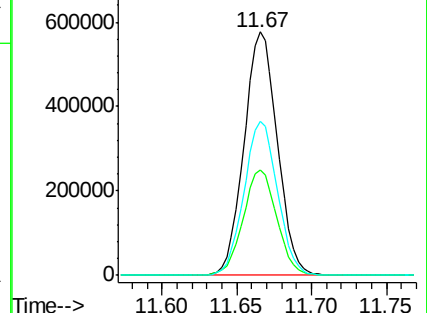
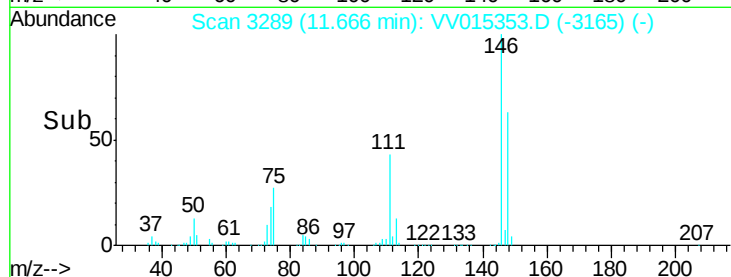
148 63.3 51.0 76.4



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: 12.317 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.00 min

Lab File: VV015353.D

Acq: 02 Apr 2020 03:00

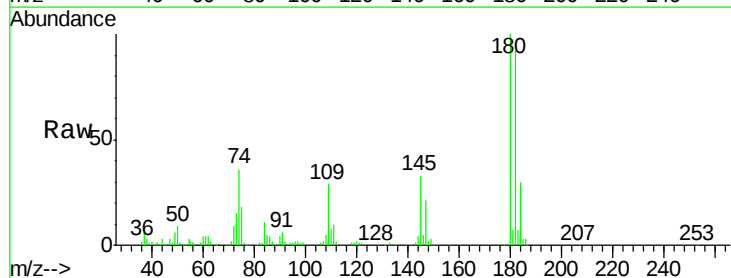
Tgt Ion:180 Resp: 76784

Ion Ratio Lower Upper

180 100

182 94.3 75.8 113.8

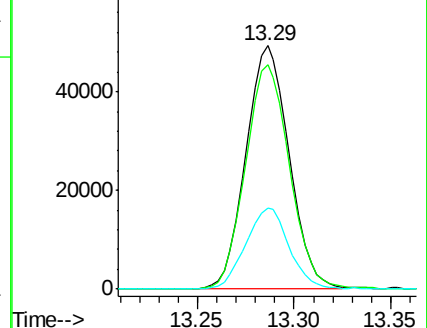
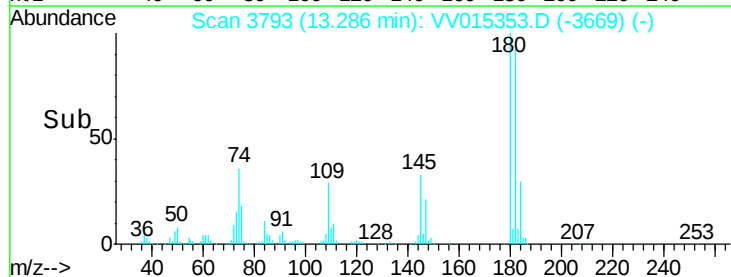
145 33.4 27.7 41.5

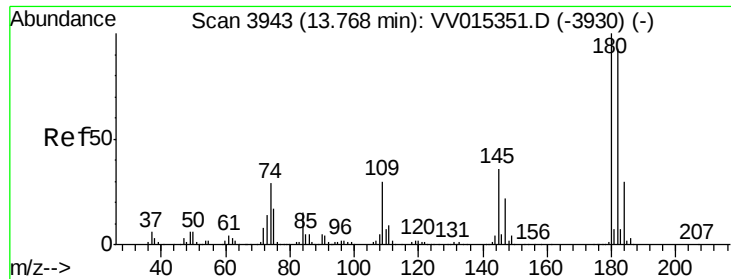


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 2.250 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV015353.D
 Acq: 02 Apr 2020 03:00

Instrument :
 MSVOA_V
 ClientSampleId :
 CODE4

Tot Ion:180	Resp:	14451
Ion	Ratio	Lower Upper
180	100	
182	93.9	76.1 114.1
145	34.3	28.2 42.4

