

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015237.D
 Acq On : 28 Mar 2020 10:00
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

Quant Time: Mar 30 02:08:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 05:21:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	616745	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	591848	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	252631	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	134430	53.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.44%
7) Chloroethane-d5	1.58	69	136042	50.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.44%
11) 1,1-Dichloroethene-d2	2.12	63	227068	36.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.58%
21) 2-Butanone-d5	3.94	46	223736	75.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.48%
24) Chloroform-d	4.38	84	282061	43.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.42%
26) 1,2-Dichloroethane-d4	5.06	65	189146	44.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.94%
32) Benzene-d6	5.07	84	524226	50.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.09	67	178546	45.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.48%
41) Toluene-d8	7.34	98	481408	52.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.84%
43) trans-1,3-Dichloropropene-	7.64	79	82754	39.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.34%
47) 2-Hexanone-d5	8.12	63	177853	78.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.95%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	263271	38.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	185475	43.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.08%

Target Compounds

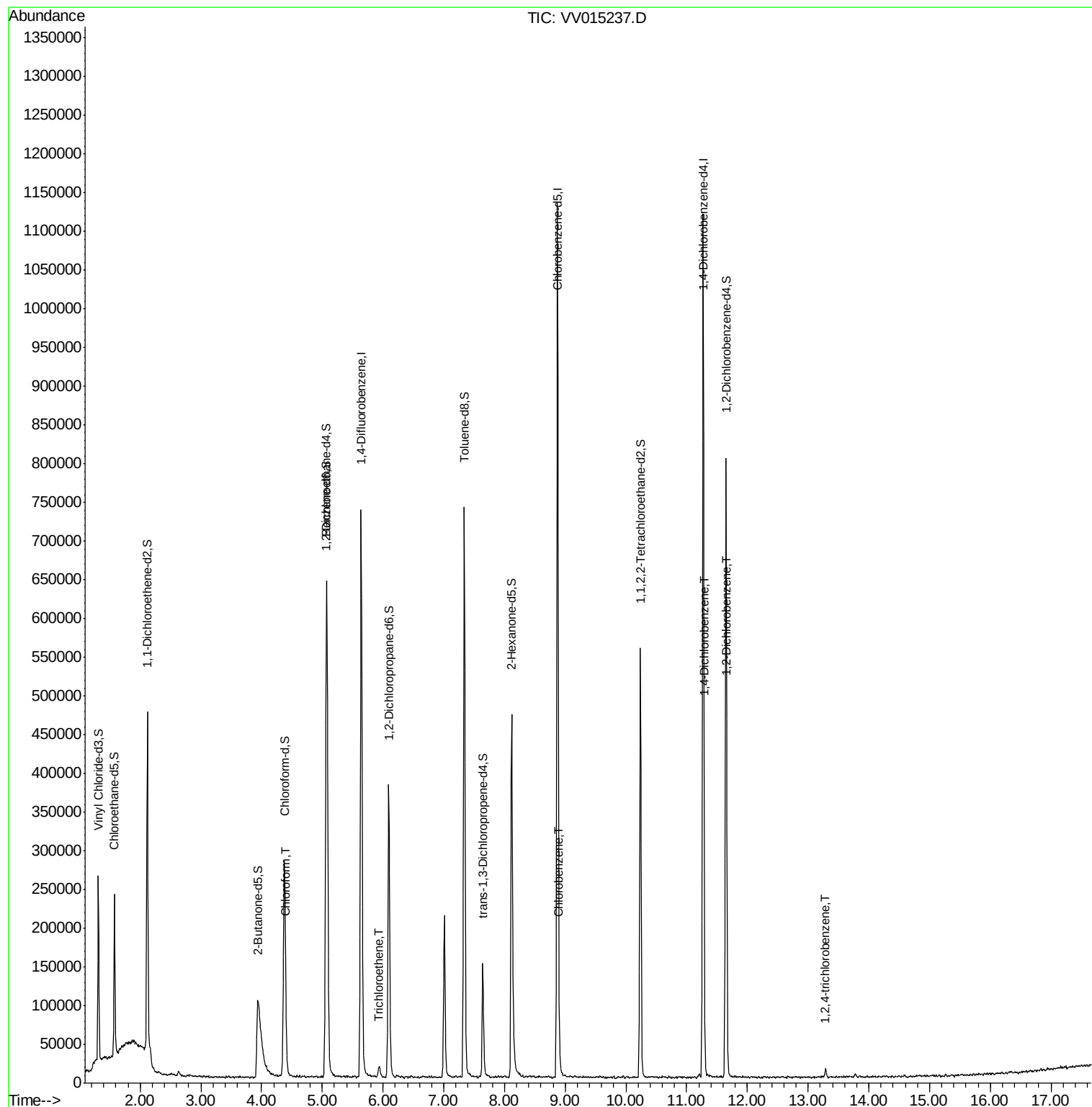
					Ovalue
25) Chloroform	4.41	83	11609	1.467 ug/L	94
34) Trichloroethene	5.95	95	3429	0.771 ug/L	92
51) Chlorobenzene	8.91	112	11352	0.951 ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	10011	1.267 ug/L	96
65) 1,2-Dichlorobenzene	11.67	146	7796	0.967 ug/L	94
68) 1,2,4-trichlorobenzene	13.29	180	2804	0.604 ug/L	96

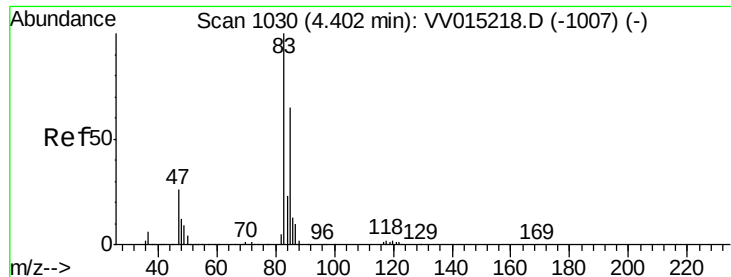
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 1.467 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV015237.D

Acq: 28 Mar 2020 10:00

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MSVOA_V

ClientSampleId :

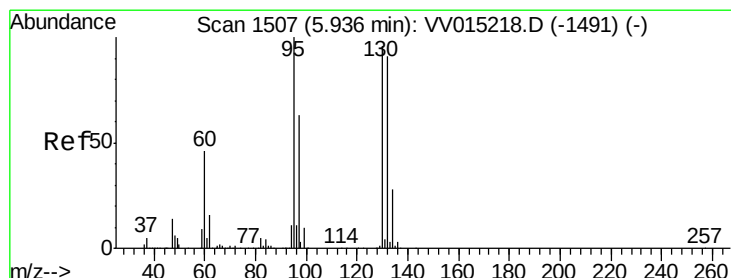
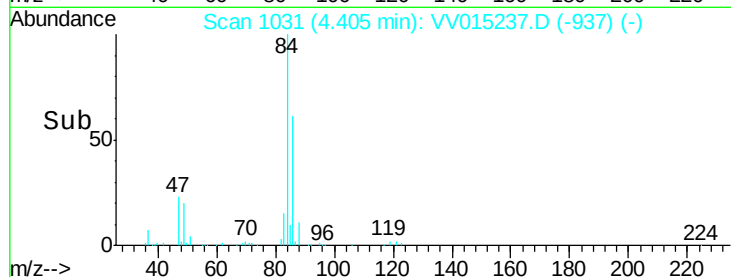
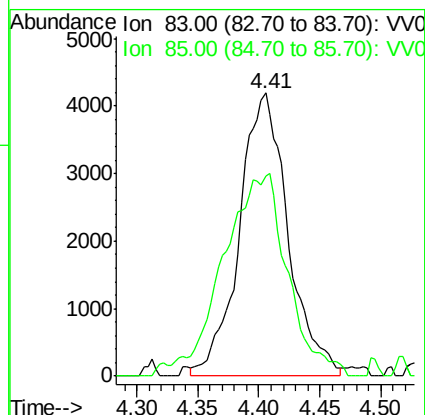
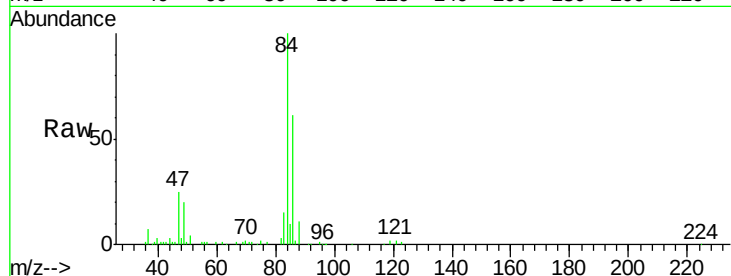
VIBLK

Tot Ion: 83 Resp: 11609

Ion Ratio Lower Upper

83 100

85 70.5 46.2 85.8



#34

Trichloroethene

Concen: 0.771 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV015237.D

Acq: 28 Mar 2020 10:00

Tgt Ion: 95 Resp: 3429

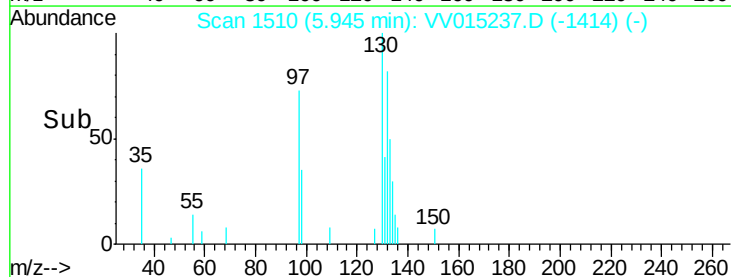
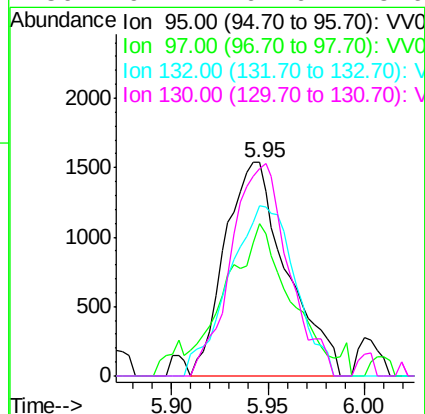
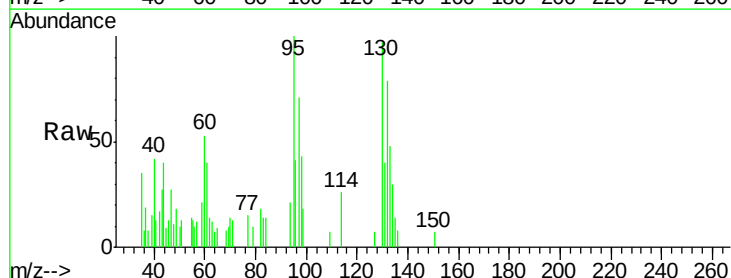
Ion Ratio Lower Upper

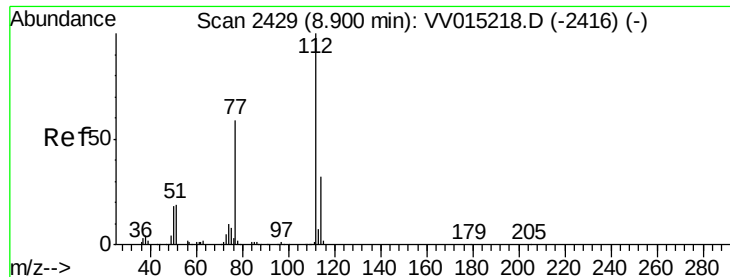
95 100

97 71.3 45.7 84.9

132 79.5 66.2 123.0

130 97.4 67.6 125.6





#51

Chlorobenzene

Concen: 0.951 ug/L

RT: 8.91 min Scan# 2431

Delta R.T. 0.01 min

Lab File: VV015237.D

Acq: 28 Mar 2020 10:00

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

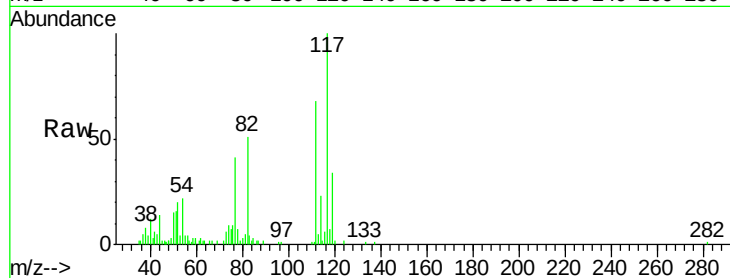
Tot Ion:112 Resp: 11352

Ion Ratio Lower Upper

112 100

114 33.5 22.3 41.5

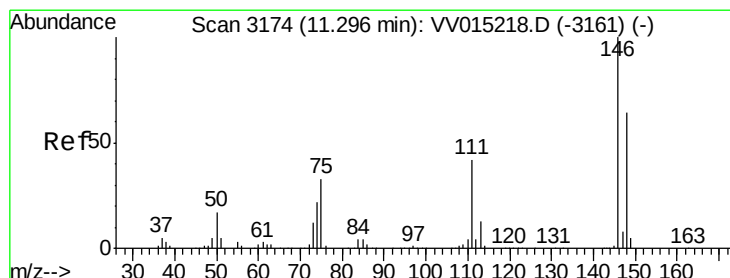
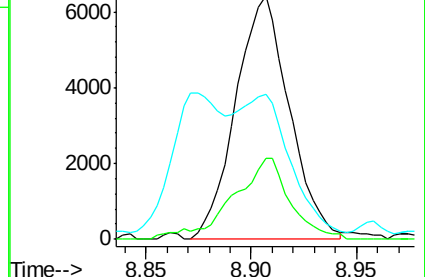
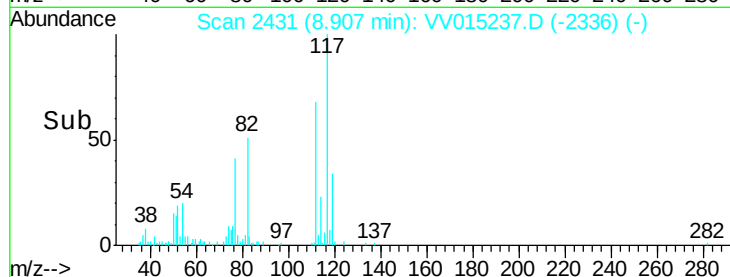
77 59.8 48.2 72.2



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): V



#63

1,4-Dichlorobenzene

Concen: 1.267 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. -0.00 min

Lab File: VV015237.D

Acq: 28 Mar 2020 10:00

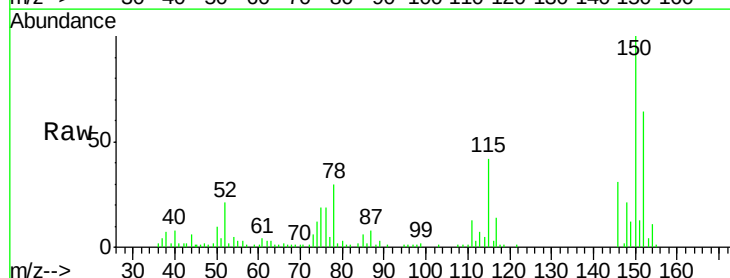
Tgt Ion:146 Resp: 10011

Ion Ratio Lower Upper

146 100

111 41.9 29.4 54.6

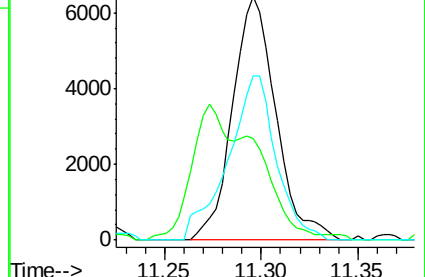
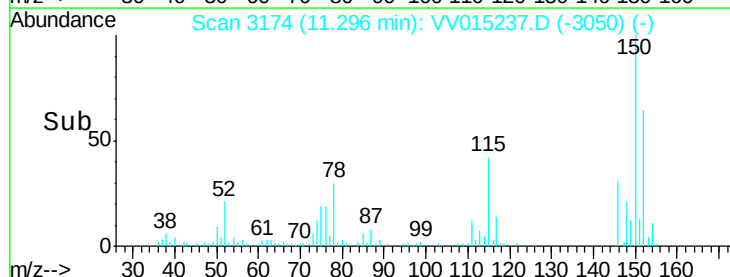
148 67.4 43.6 81.0

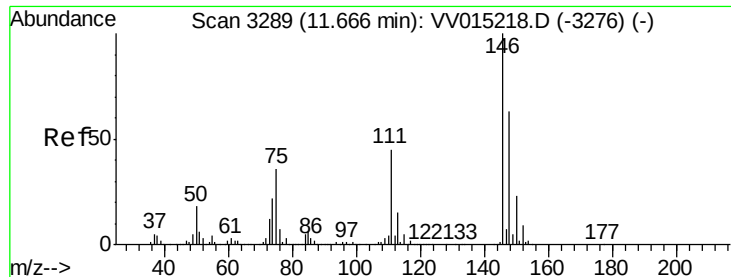


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 0.967 ug/L

RT: 11.67 min Scan# 3290

Delta R.T. 0.00 min

Lab File: VV015237.D

Acq: 28 Mar 2020 10:00

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

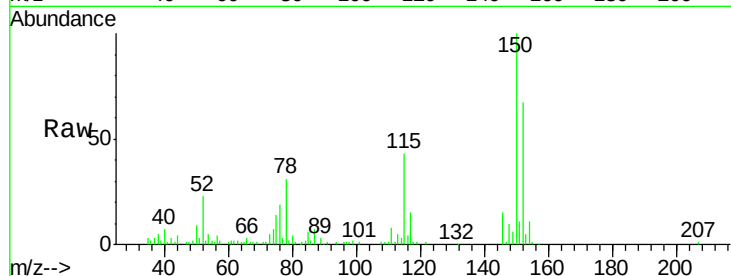
Tot Ion:146 Resp: 7796

Ion Ratio Lower Upper

146 100

111 54.1 37.6 56.4

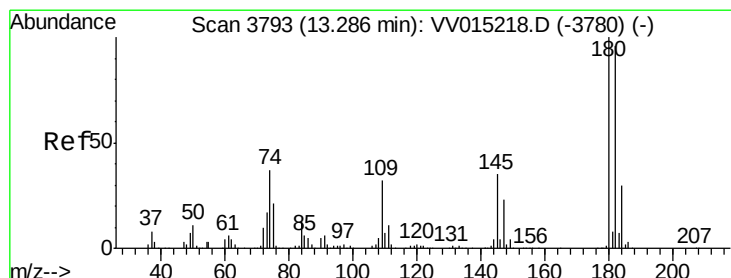
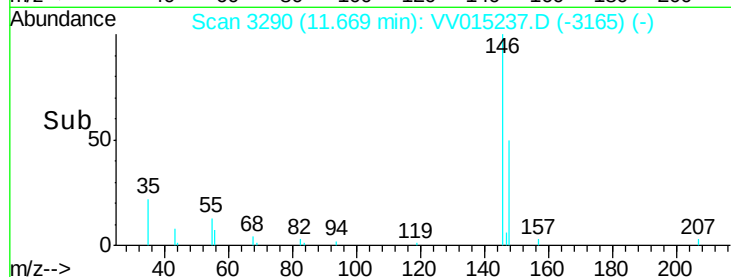
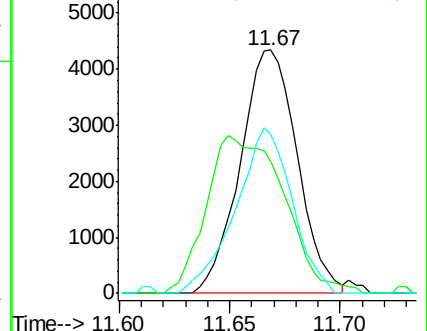
148 65.2 50.6 76.0



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



#68

1,2,4-trichlorobenzene

Concen: 0.604 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. -0.00 min

Lab File: VV015237.D

Acq: 28 Mar 2020 10:00

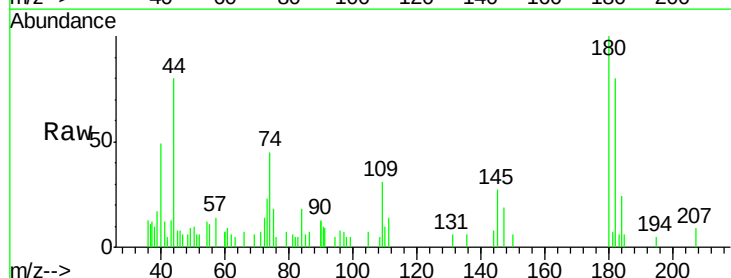
Tgt Ion:180 Resp: 2804

Ion Ratio Lower Upper

180 100

182 98.4 75.5 113.3

145 33.3 28.5 42.7



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

