

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015230.D
 Acq On : 28 Mar 2020 07:10
 Operator : SY/MD
 Sample : L1976-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTK4

Quant Time: Mar 28 08:22:35 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	651580	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	609571	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	258178	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	138127	52.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.50%
7) Chloroethane-d5	1.58	69	138715	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.90%
11) 1,1-Dichloroethene-d2	2.12	63	218561	33.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.12%
21) 2-Butanone-d5	3.94	46	219383	70.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.05%
24) Chloroform-d	4.38	84	287901	41.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.50%
26) 1,2-Dichloroethane-d4	5.06	65	189369	42.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.28%
32) Benzene-d6	5.07	84	538916	50.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.42%
36) 1,2-Dichloropropane-d6	6.09	67	182495	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.80%
41) Toluene-d8	7.34	98	482585	51.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.04%
43) trans-1,3-Dichloropropene-	7.64	79	87782	40.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.72%
47) 2-Hexanone-d5	8.12	63	162692	70.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.12%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	263540	37.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.44%
64) 1,2-Dichlorobenzene-d4	11.65	152	183925	41.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.52%

Target Compounds

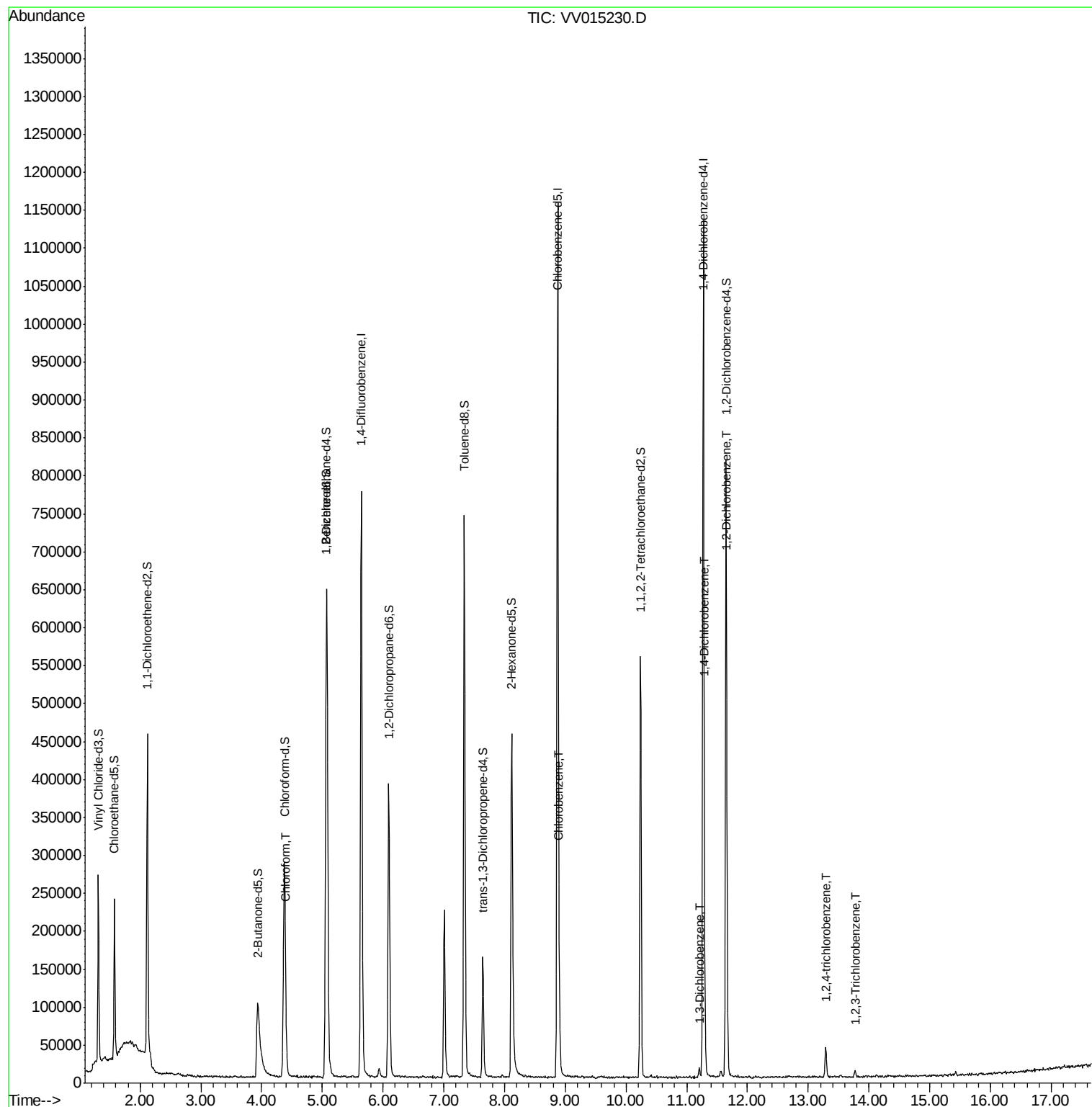
					Ovalue
25) Chloroform	4.40	83	8215	0.982 ug/L	96
51) Chlorobenzene	8.90	112	39991	3.252 ug/L	99
62) 1,3-Dichlorobenzene	11.21	146	4419	0.550 ug/L	95
63) 1,4-Dichlorobenzene	11.30	146	33088	4.097 ug/L	95
65) 1,2-Dichlorobenzene	11.67	146	25312	3.072 ug/L	95
68) 1,2,4-trichlorobenzene	13.29	180	10092	2.127 ug/L	96
70) 1,2,3-Trichlorobenzene	13.77	180	2328	0.478 ug/L #	94

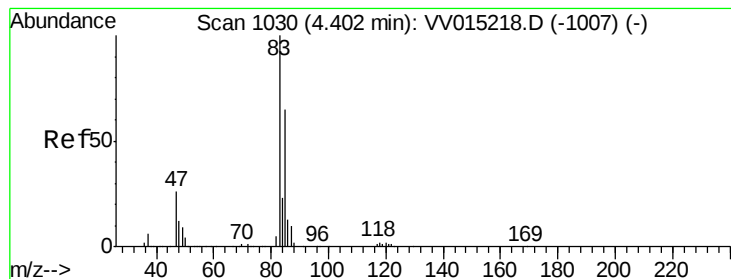
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 28 05:21:13 2020
Response via : Initial Calibration





#25

Chloroform

Concen: 0.982 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV015230.D

Acq: 28 Mar 2020 07:10

Instrument :

MSVOA_V

ClientSampleId :

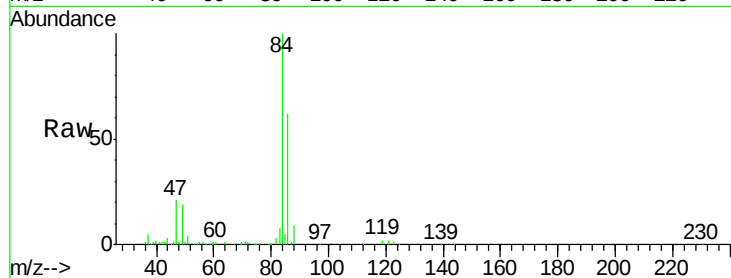
ETTK4

Tot Ion: 83 Resp: 8215

Ion Ratio Lower Upper

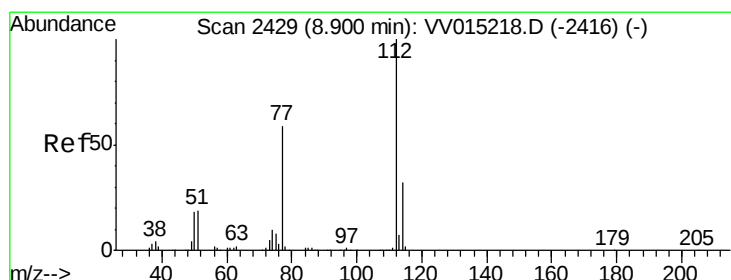
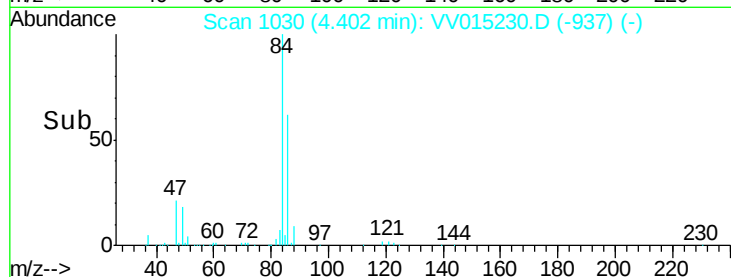
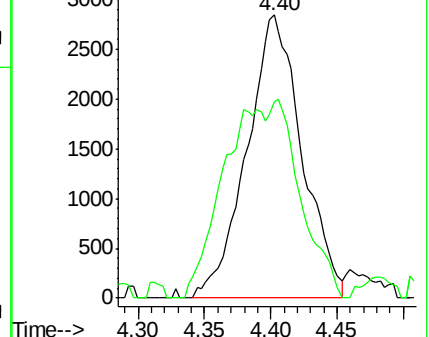
83 100

85 69.5 46.2 85.8



Abundance Ion 83.00 (82.70 to 83.70): VV015218.D (-1007) (-)

Ion 85.00 (84.70 to 85.70): VV015218.D (-1007) (-)



#51

Chlorobenzene

Concen: 3.252 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV015230.D

Acq: 28 Mar 2020 07:10

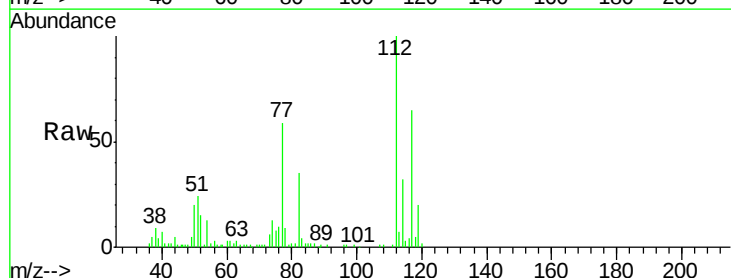
Tgt Ion: 112 Resp: 39991

Ion Ratio Lower Upper

112 100

114 31.8 22.3 41.5

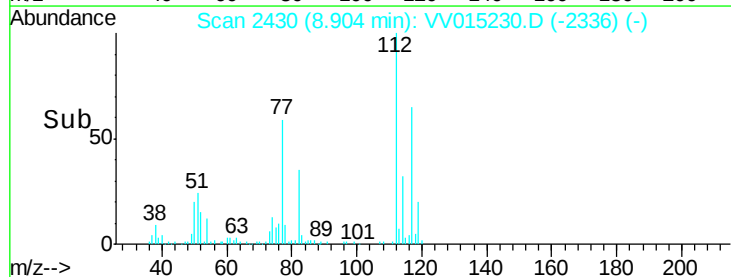
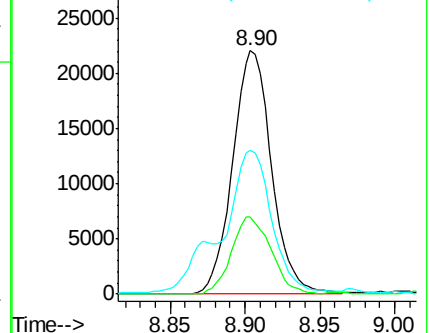
77 59.2 48.2 72.2

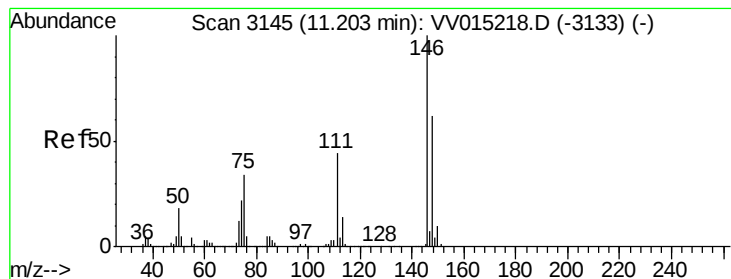


Abundance Ion 112.00 (111.70 to 112.70): VV015218.D (-2416) (-)

Ion 114.00 (113.70 to 114.70): VV015218.D (-2416) (-)

Ion 77.00 (76.70 to 77.70): VV015218.D (-2416) (-)





#62

1,3-Dichlorobenzene

Concen: 0.550 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV015230.D

Acq: 28 Mar 2020 07:10

Instrument :

MSVOA_V

ClientSampleId :

ETTK4

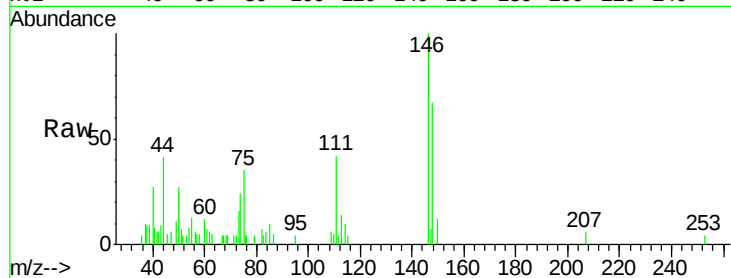
Tot Ion:146 Resp: 4419

Ion Ratio Lower Upper

146 100

111 42.2 32.1 59.7

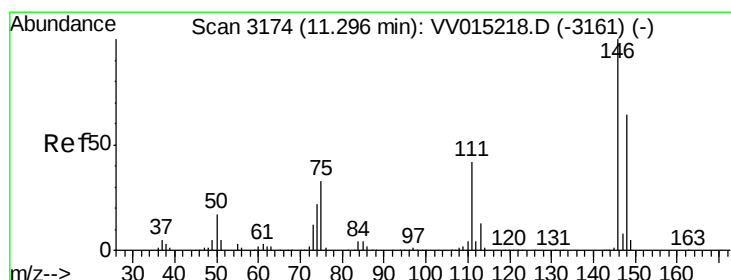
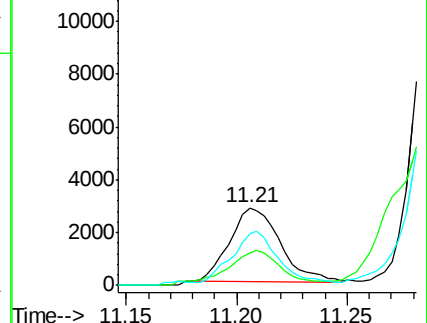
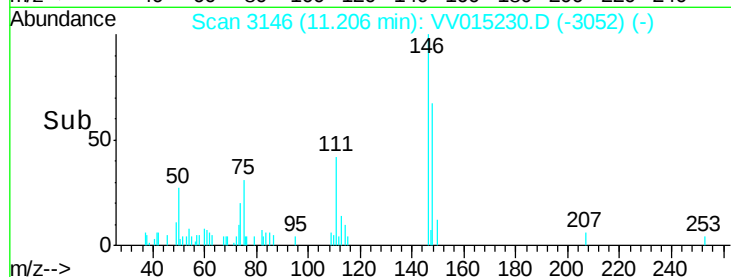
148 66.7 44.0 81.6



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: 4.097 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV015230.D

Acq: 28 Mar 2020 07:10

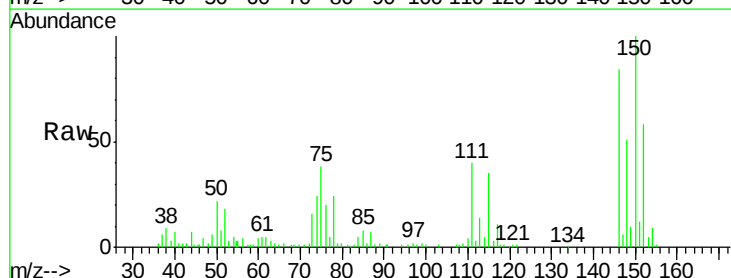
Tgt Ion:146 Resp: 33088

Ion Ratio Lower Upper

146 100

111 47.9 29.4 54.6

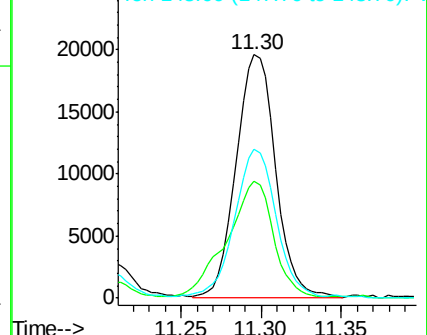
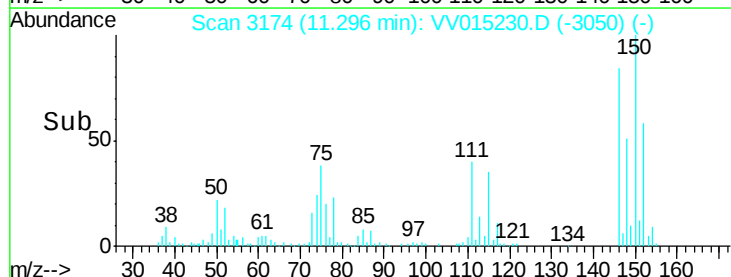
148 61.0 43.6 81.0

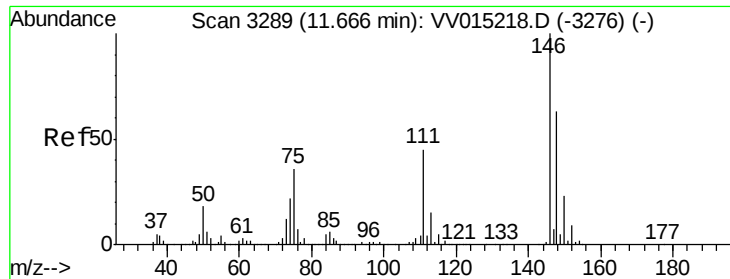


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 3.072 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV015230.D

Acq: 28 Mar 2020 07:10

Instrument :

MSVOA_V

ClientSampled :

ETTK4

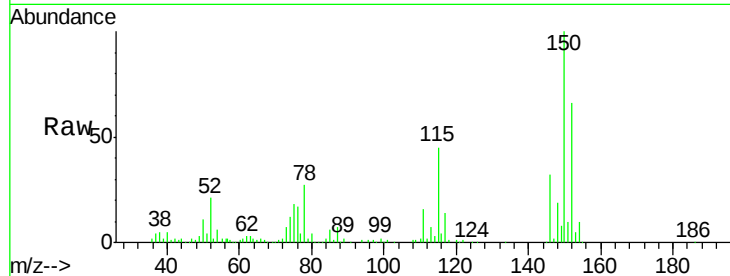
Tot Ion:146 Resp: 25312

Ion Ratio Lower Upper

146 100

111 50.5 37.6 56.4

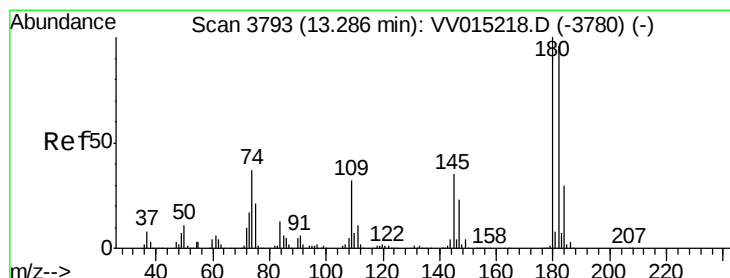
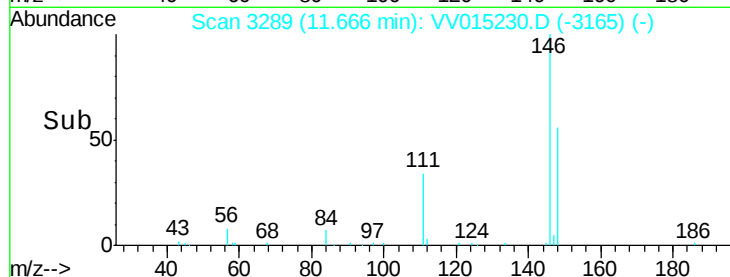
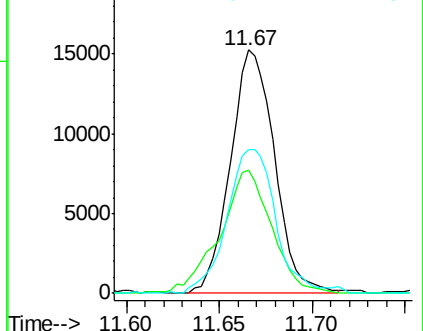
148 59.3 50.6 76.0



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: 2.127 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.00 min

Lab File: VV015230.D

Acq: 28 Mar 2020 07:10

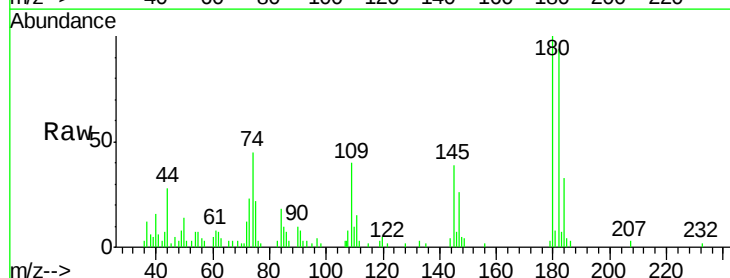
Tgt Ion:180 Resp: 10092

Ion Ratio Lower Upper

180 100

182 90.2 75.5 113.3

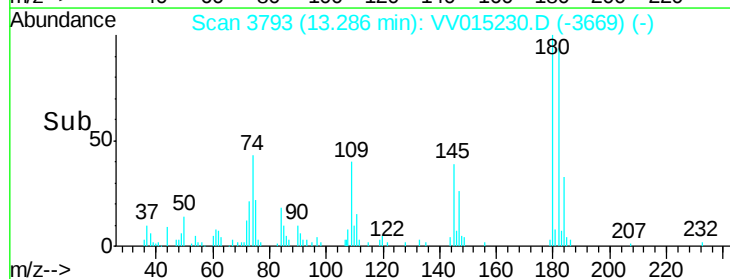
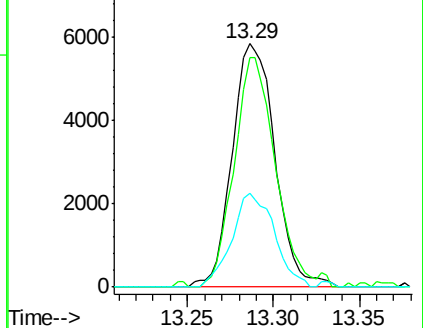
145 38.3 28.5 42.7

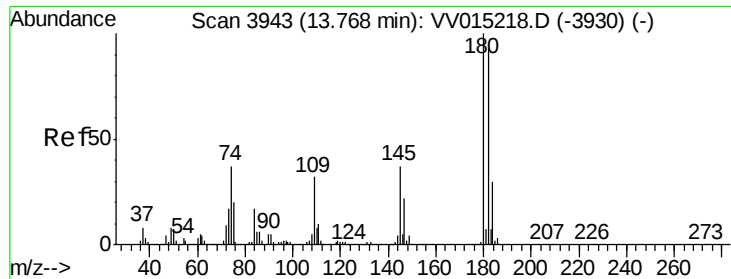


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 0.478 ug/L
 RT: 13.77 min Scan# 3945
 Delta R.T. 0.01 min
 Lab File: VV015230.D
 Acq: 28 Mar 2020 07:10

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTK4

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.9	113.9
145	45.8	29.0	43.6

