

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040120\
 Data File : VV015354.D
 Acq On : 02 Apr 2020 03:24
 Operator : SY/MD
 Sample : L2005-04 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CODE6

Quant Time: Apr 02 06:53:41 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	708117	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	672132	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	322115	50.00	ug/L	0.00

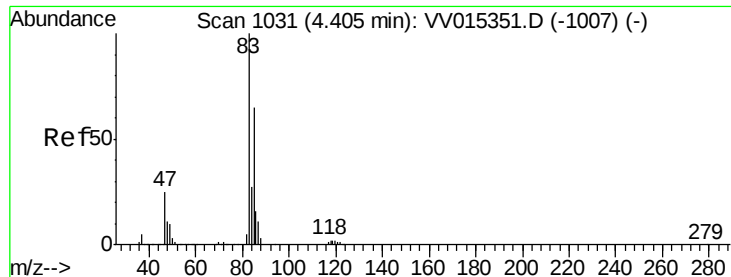
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	162035	25.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	51.04%#
7) Chloroethane-d5	1.58	69	162926	30.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	60.08%#
11) 1,1-Dichloroethene-d2	2.12	63	269151	23.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	47.44%#
21) 2-Butanone-d5	3.94	46	300724	89.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.11%
24) Chloroform-d	4.38	84	386721	36.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.78%
26) 1,2-Dichloroethane-d4	5.06	65	252905	38.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.46%
32) Benzene-d6	5.08	84	763994	36.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.82%
36) 1,2-Dichloropropane-d6	6.10	67	240392	39.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.78%
41) Toluene-d8	7.34	98	727891	36.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.54%#
43) trans-1,3-Dichloropropene-	7.64	79	106397	31.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.10%
47) 2-Hexanone-d5	8.12	63	234451	84.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.12%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	363540	41.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	300004	40.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.88%

Target Compounds

					Ovalue
25) Chloroform	4.41	83	18574	1.946 ug/L	97
33) Benzene	5.13	78	844258	42.438 ug/L	100
51) Chlorobenzene	8.90	112	1555949	107.377 ug/L	98
62) 1,3-Dichlorobenzene	11.21	146	207130	19.101 ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	1184380	107.690 ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	1779946	160.928 ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	417051	63.530 ug/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	169380	25.049 ug/L	100

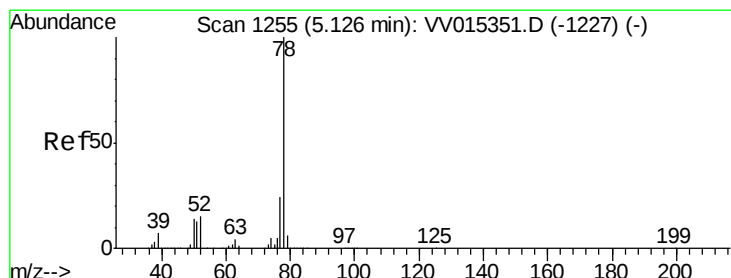
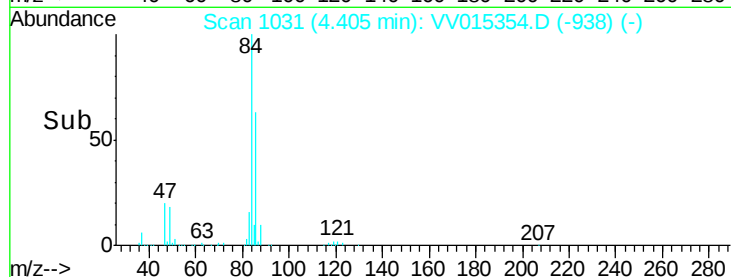
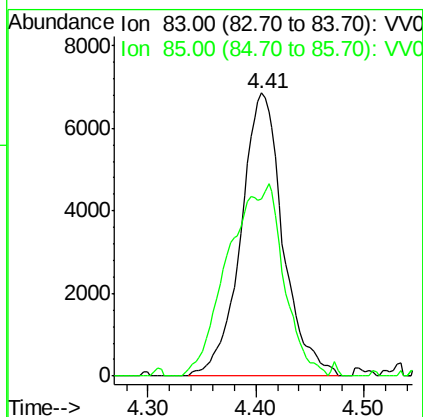
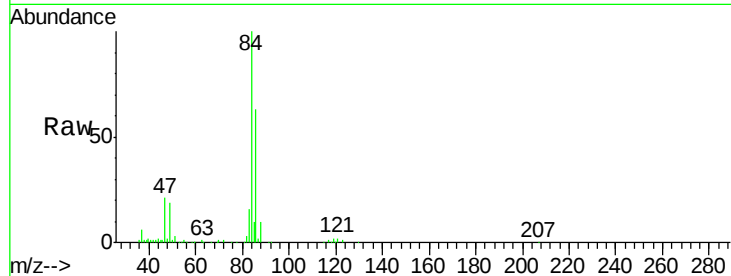
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#25
Chloroform
Concen: 1.946 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VV015354.D
Acq: 02 Apr 2020 03:24

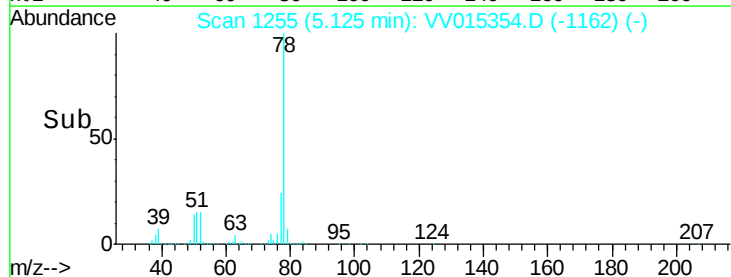
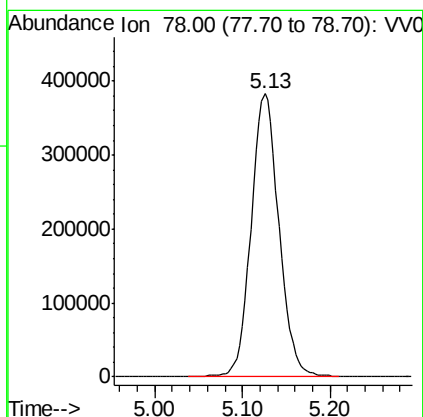
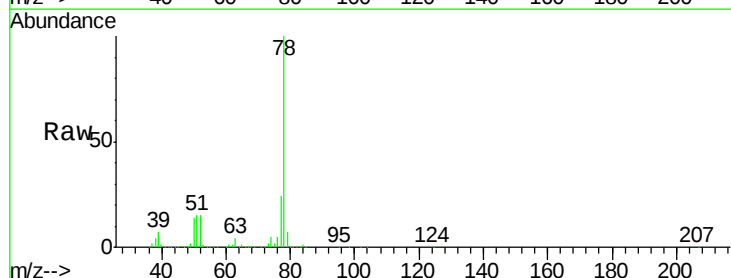
Instrument :
MSVOA_V
ClientSampleId :
CODE6

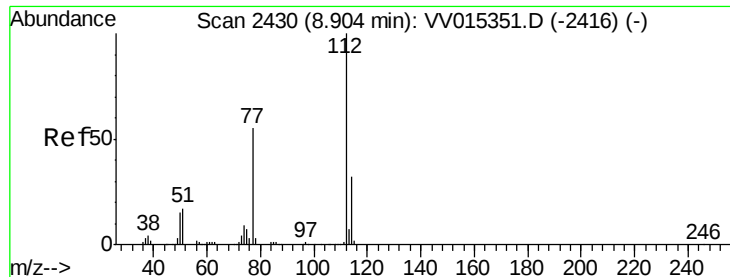
Tot Ion: 83 Resp: 18574
Ion Ratio Lower Upper
83 100
85 62.4 45.1 83.9



#33
Benzene
Concen: 42.438 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. -0.00 min
Lab File: VV015354.D
Acq: 02 Apr 2020 03:24

Tgt Ion: 78 Resp: 844258





#51

Chlorobenzene

Concen: 107.377 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VV015354.D

Acq: 02 Apr 2020 03:24

Instrument :

MSVOA_V

ClientSampleId :

C0DE6

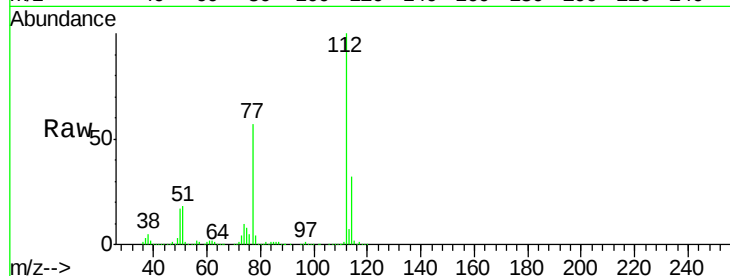
Tot Ion:112 Resp: 1555949

Ion Ratio Lower Upper

112 100

114 32.3 21.8 40.4

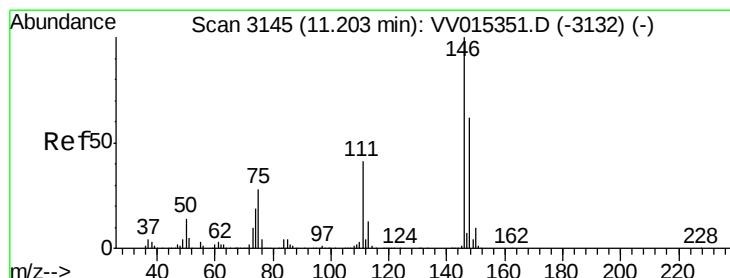
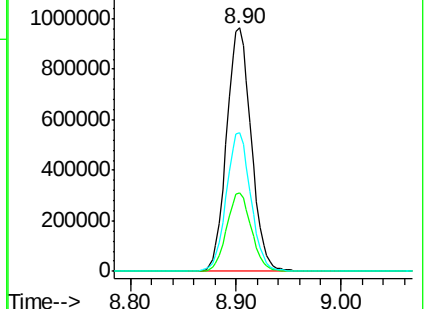
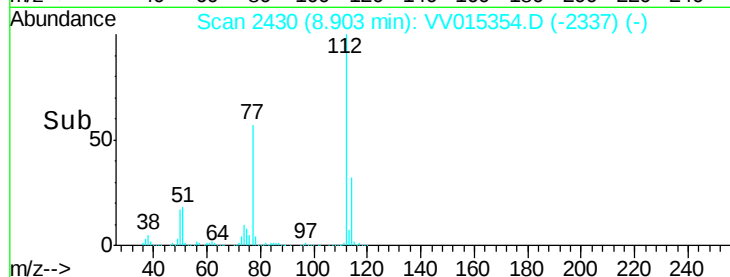
77 56.7 46.2 69.2



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): V



#62

1,3-Dichlorobenzene

Concen: 19.101 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV015354.D

Acq: 02 Apr 2020 03:24

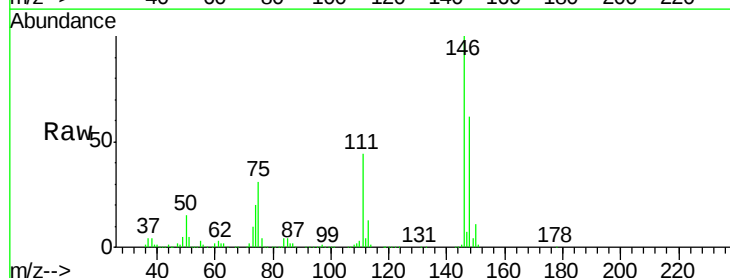
Tgt Ion:146 Resp: 207130

Ion Ratio Lower Upper

146 100

111 44.1 30.2 56.2

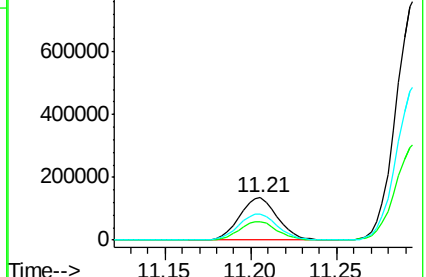
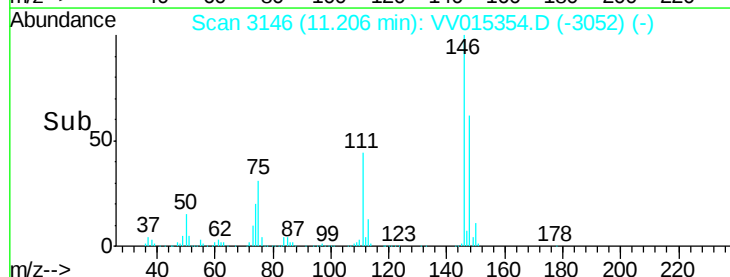
148 62.1 44.7 83.1

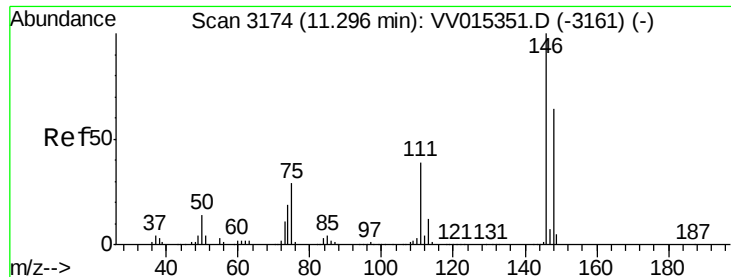


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 107.690 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. -0.00 min

Lab File: VV015354.D

Acq: 02 Apr 2020 03:24

Instrument :

MSVOA_V

ClientSampled :

C0DE6

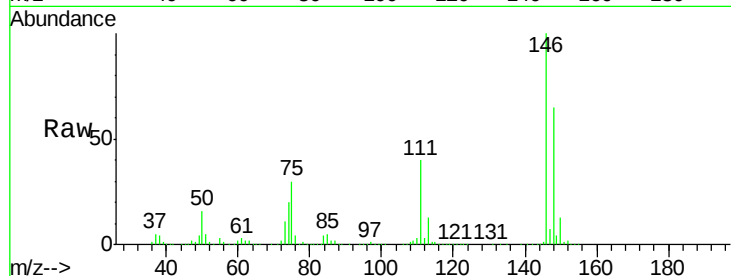
Tot Ion:146 Resp: 1184380

Ion Ratio Lower Upper

146 100

111 39.9 29.3 54.5

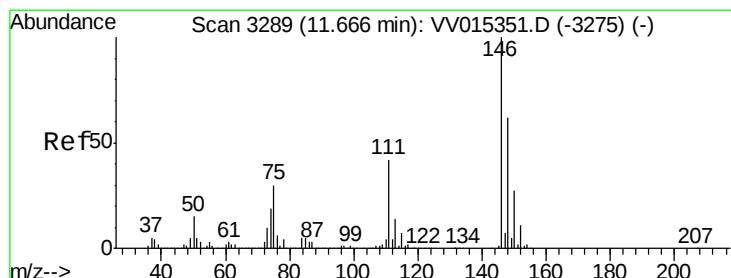
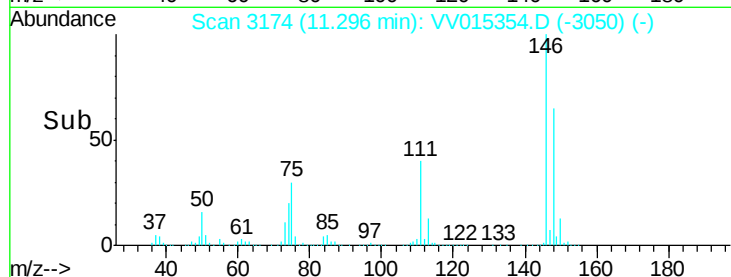
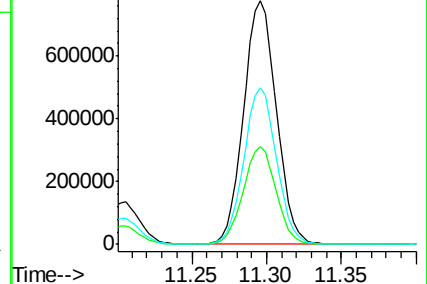
148 64.5 44.7 82.9



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: 160.928 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV015354.D

Acq: 02 Apr 2020 03:24

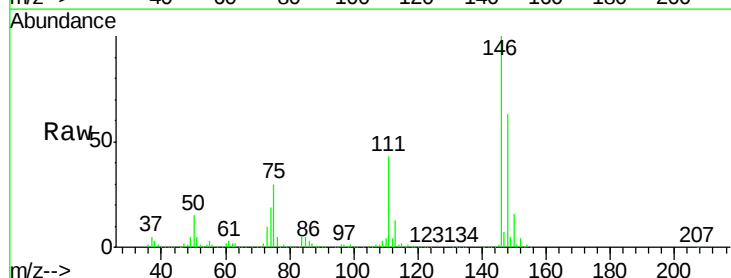
Tgt Ion:146 Resp: 1779946

Ion Ratio Lower Upper

146 100

111 42.9 35.1 52.7

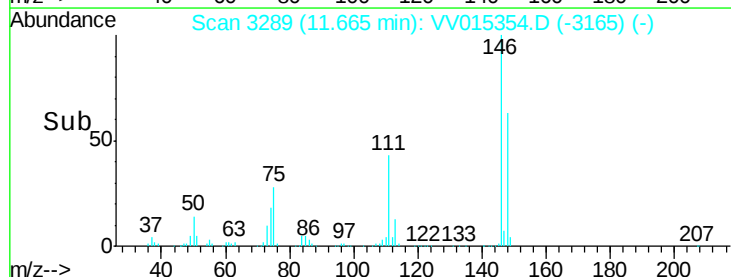
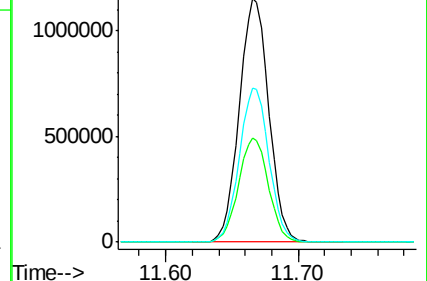
148 63.1 51.0 76.4

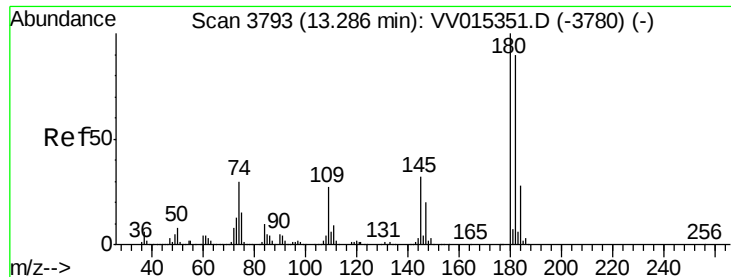


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

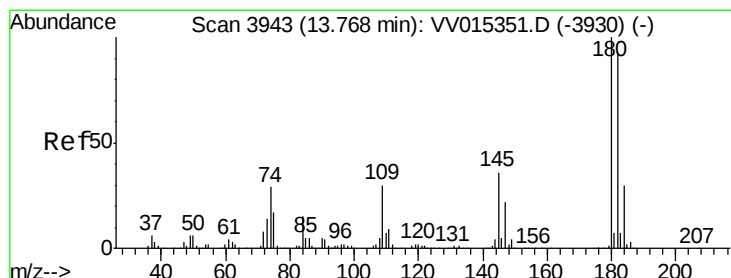
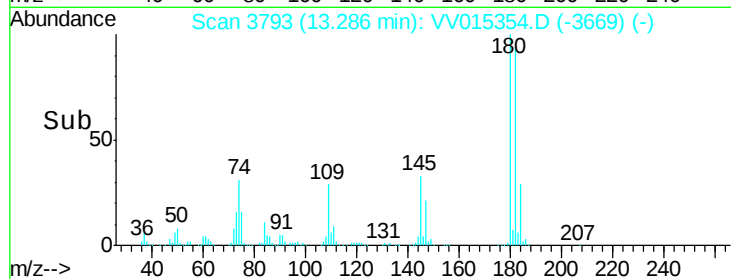
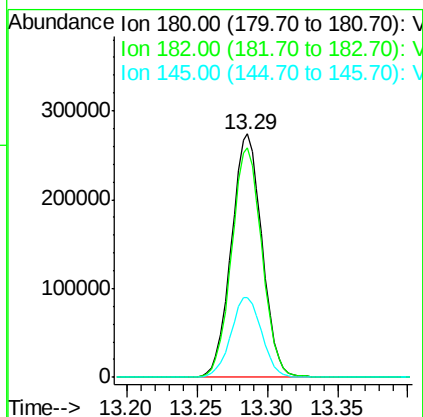
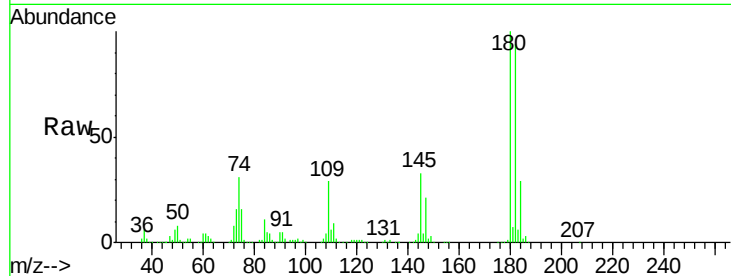




#68
 1,2,4-trichlorobenzene
 Concen: 63.530 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. -0.00 min
 Lab File: VV015354.D
 Acq: 02 Apr 2020 03:24

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DE6

Tot Ion:180 Resp: 417051
 Ion Ratio Lower Upper
 180 100
 182 93.5 75.8 113.8
 145 33.3 27.7 41.5



#70
 1,2,3-Trichlorobenzene
 Concen: 25.049 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. -0.00 min
 Lab File: VV015354.D
 Acq: 02 Apr 2020 03:24

Tgt Ion:180 Resp: 169380
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.1 114.1
 145 35.3 28.2 42.4

