

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017208.D
 Acq On : 27 Jun 2020 02:43
 Operator : SY/MD
 Sample : L3118-05 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0F80

Quant Time: Jun 27 04:56:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 27 03:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	360553	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	340110	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	168837	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97578	38.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.70%
7) Chloroethane-d5	1.58	69	62903	41.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.42%
11) 1,1-Dichloroethene-d2	2.12	63	155475	36.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.78%
21) 2-Butanone-d5	3.90	46	153758	81.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.66%
24) Chloroform-d	4.38	84	226183	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.44%
26) 1,2-Dichloroethane-d4	5.06	65	167170	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.02%
32) Benzene-d6	5.08	84	427917	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.30%
36) 1,2-Dichloropropane-d6	6.09	67	127502	41.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.44%
41) Toluene-d8	7.34	98	386794	42.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.98%
43) trans-1,3-Dichloropropene-	7.64	79	66499	41.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.56%
47) 2-Hexanone-d5	8.11	63	104459	78.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.40%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	171365	42.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	169531	47.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.10%

Target Compounds

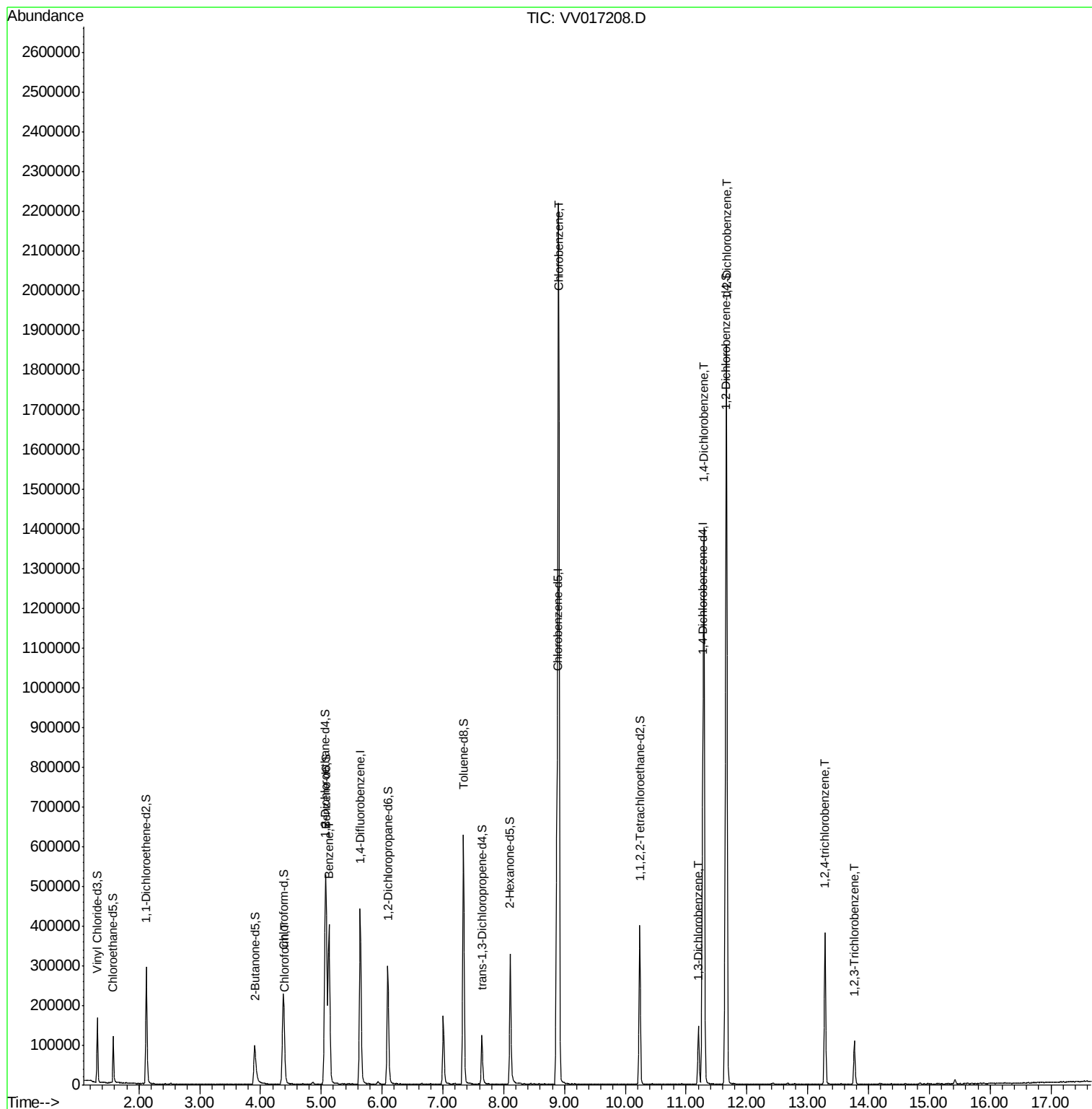
					Ovalue
25) Chloroform	4.41	83	5697	1.207 ug/L	83
33) Benzene	5.13	78	390158	38.772 ug/L	100
51) Chlorobenzene	8.90	112	1105726	159.763 ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	56290	10.526 ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	523507	96.215 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	656821	122.562 ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	110970	30.339 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	31944	8.926 ug/L	98

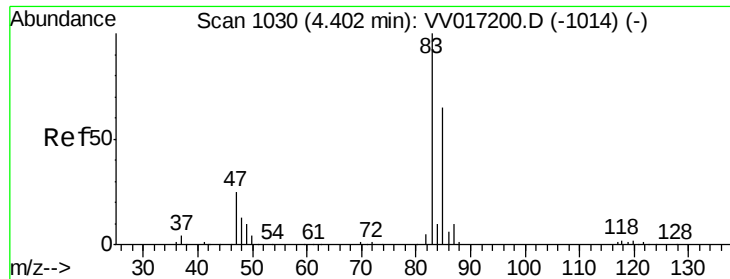
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 27 03:31:05 2020
Response via : Initial Calibration

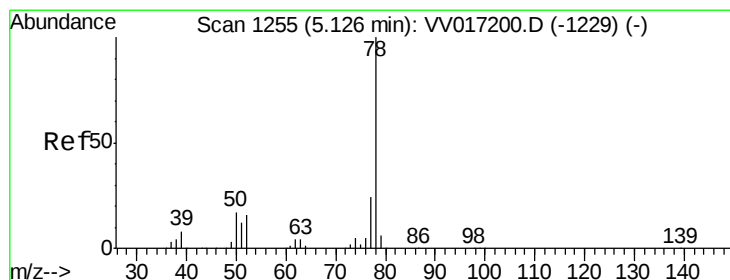
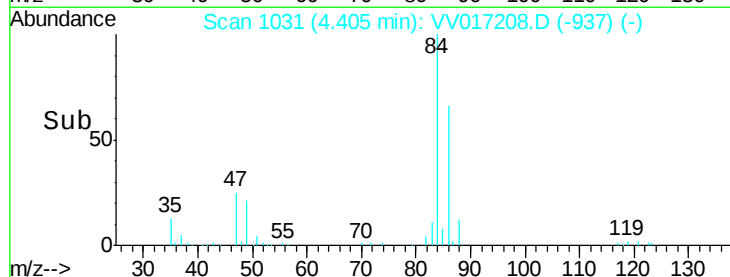
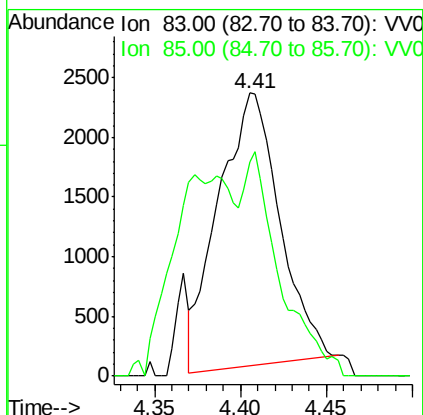
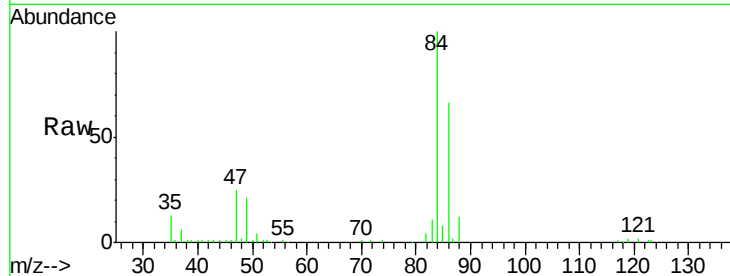




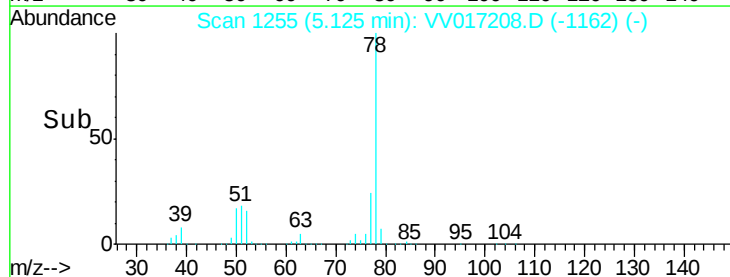
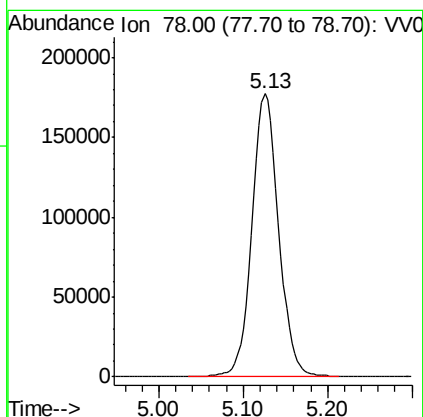
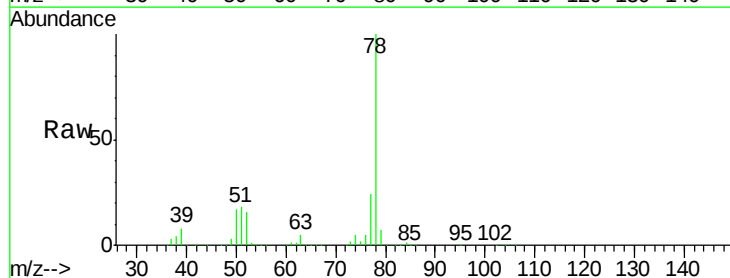
#25
Chloroform
Concen: 1.207 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV017208.D
Acq: 27 Jun 2020 02:43

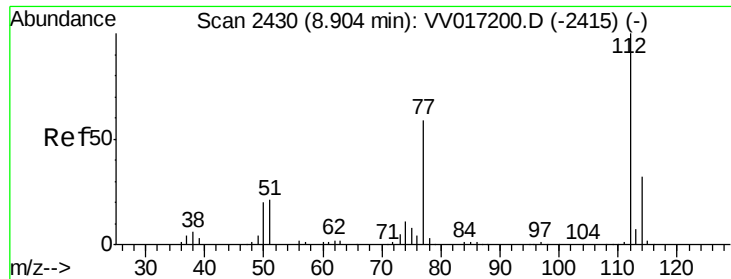
Instrument :
MSVOA_V
ClientSampleId :
C0F80

Tot Ion: 83 Resp: 5697
Ion Ratio Lower Upper
83 100
85 75.9 44.1 81.9



#33
Benzene
Concen: 38.772 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. -0.00 min
Lab File: VV017208.D
Acq: 27 Jun 2020 02:43
Tgt Ion: 78 Resp: 390158

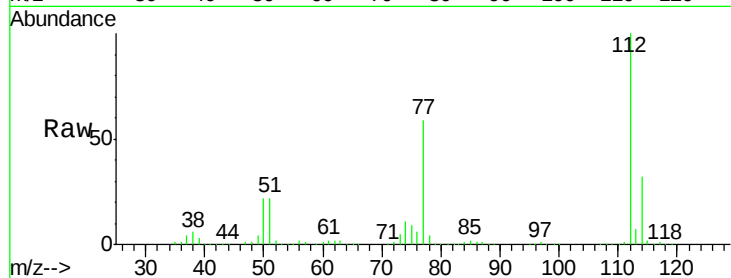




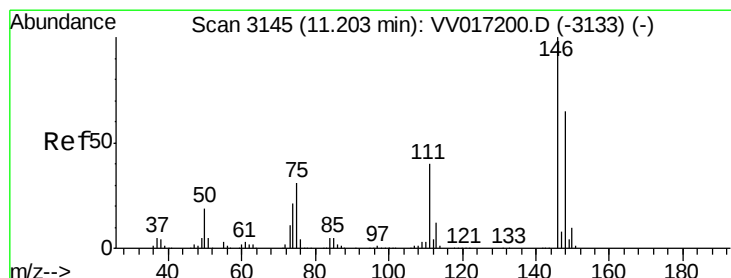
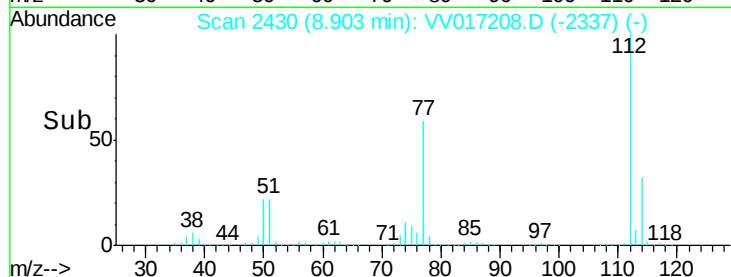
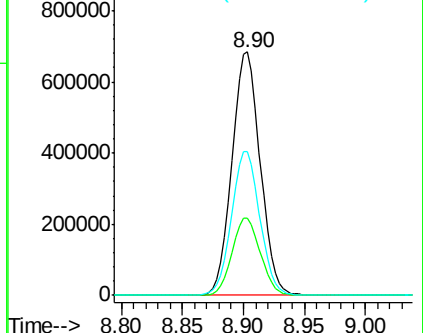
#51
Chlorobenzene
Concen: 159.763 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VV017208.D
Acq: 27 Jun 2020 02:43

Instrument :
MSVOA_V
ClientSampleId :
C0F80

Tot Ion:112 Resp: 1105726
Ion Ratio Lower Upper
112 100
114 31.9 22.3 41.3
77 59.0 47.9 71.9

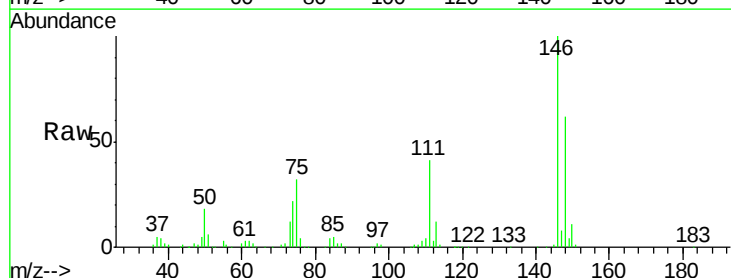


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

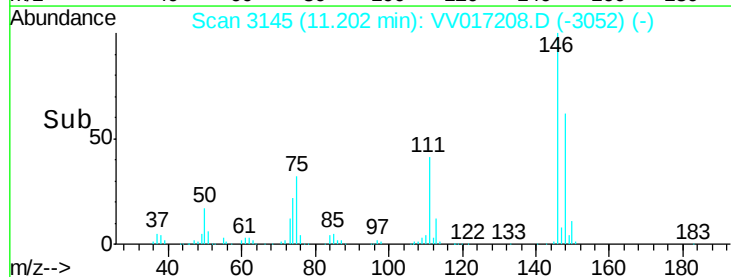
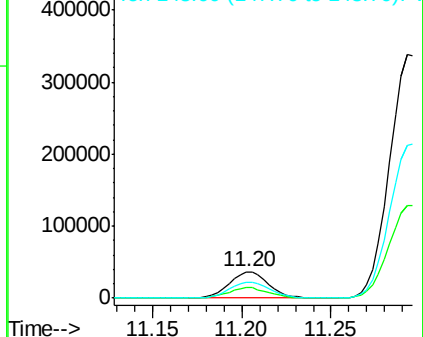


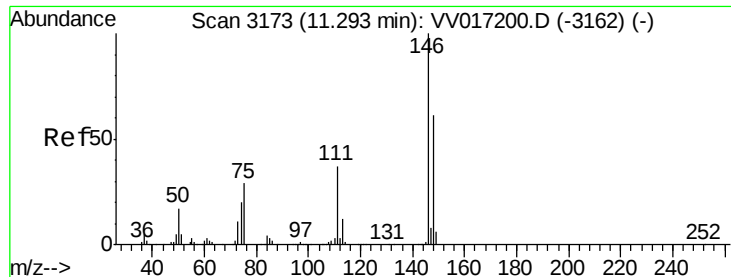
#62
1,3-Dichlorobenzene
Concen: 10.526 ug/L
RT: 11.20 min Scan# 3145
Delta R.T. -0.00 min
Lab File: VV017208.D
Acq: 27 Jun 2020 02:43

Tgt Ion:146 Resp: 56290
Ion Ratio Lower Upper
146 100
111 41.0 28.3 52.7
148 61.5 44.2 82.2



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

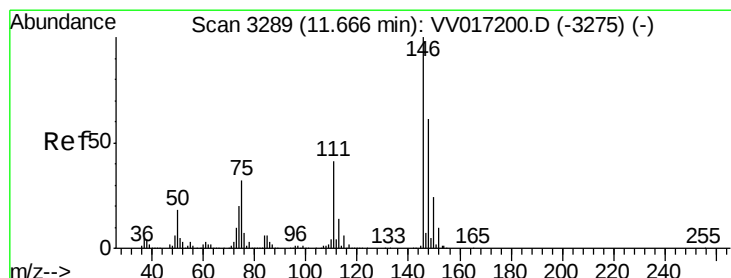
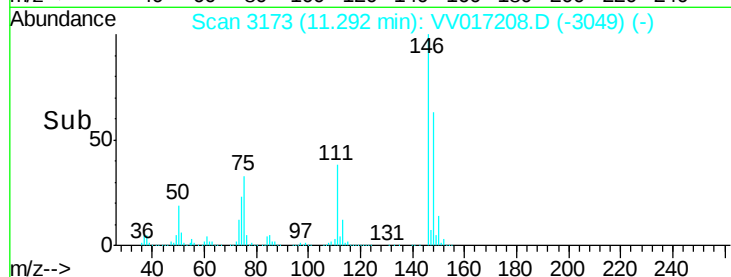
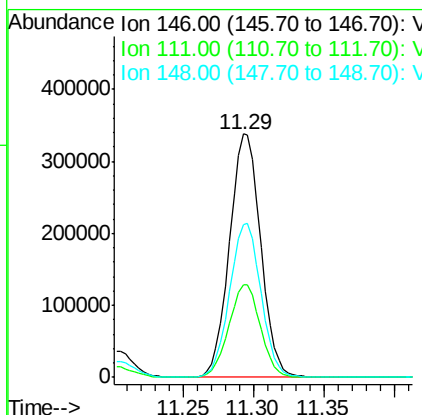
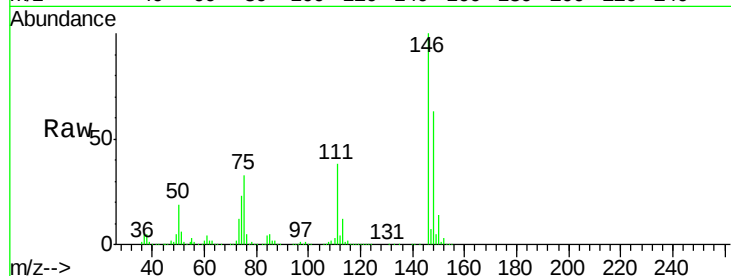




#63
 1,4-Dichlorobenzene
 Concen: 96.215 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: VV017208.D
 Acq: 27 Jun 2020 02:43

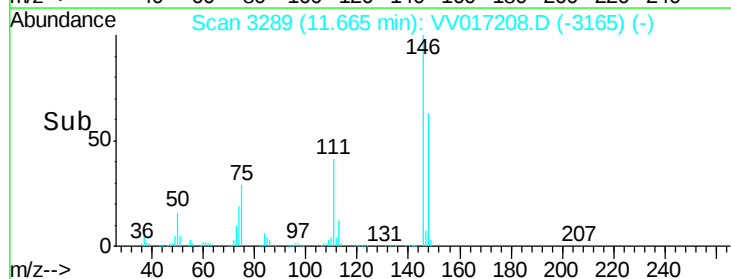
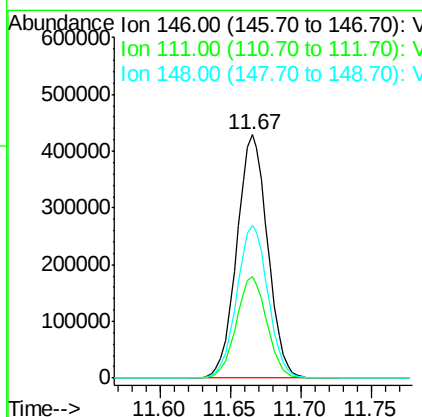
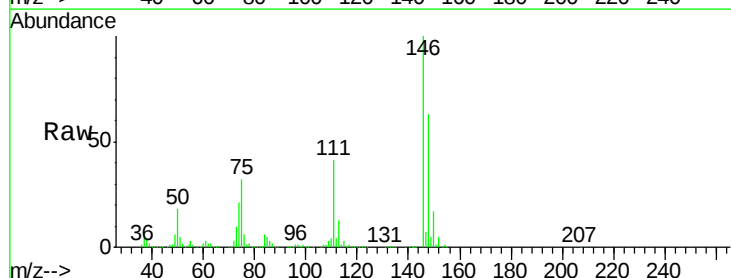
Instrument :
 MSVOA_V
 ClientSampled :
 C0F80

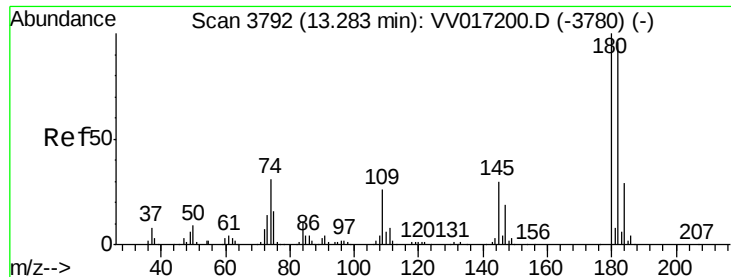
Tot Ion	146	Resp	523507
Ion	Ratio	Lower	Upper
146	100		
111	38.1	26.7	49.7
148	62.9	43.5	80.9



#65
 1,2-Dichlorobenzene
 Concen: 122.562 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV017208.D
 Acq: 27 Jun 2020 02:43

Tgt Ion	146	Resp	656821
Ion	Ratio	Lower	Upper
146	100		
111	41.4	33.7	50.5
148	62.9	50.7	76.1





#68

1,2,4-trichlorobenzene

Concen: 30.339 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.00 min

Lab File: VV017208.D

Acq: 27 Jun 2020 02:43

Instrument :

MSVOA_V

ClientSampleId :

C0F80

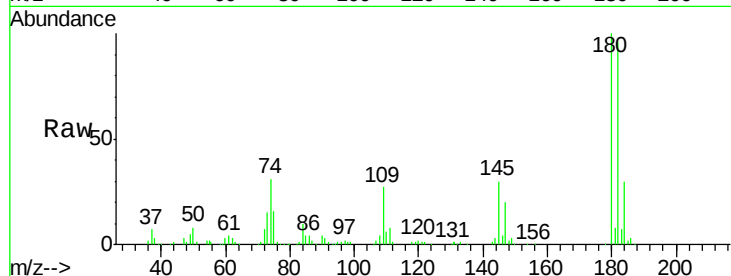
Tot Ion:180 Resp: 110970

Ion Ratio Lower Upper

180 100

182 96.6 76.9 115.3

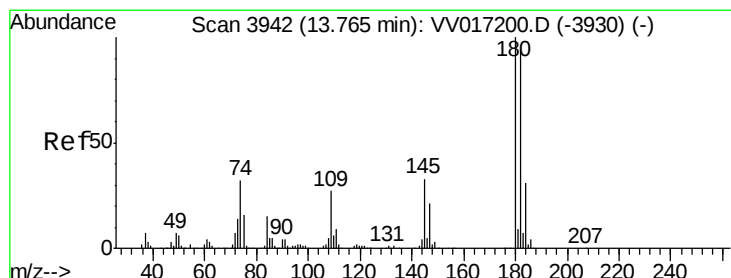
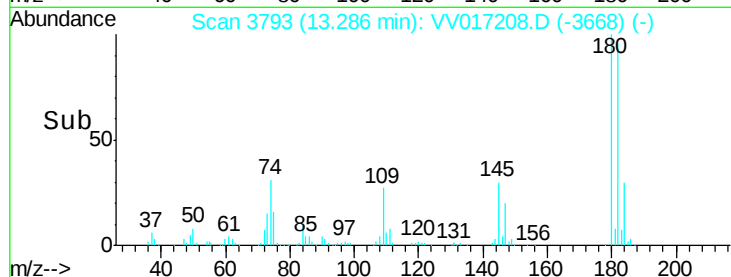
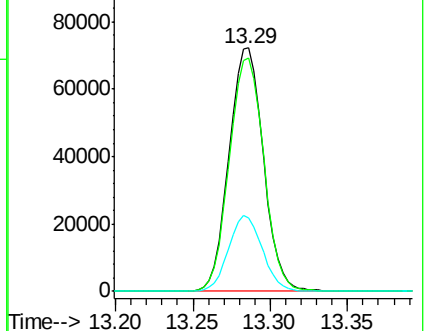
145 30.7 25.2 37.8



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: 8.926 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VV017208.D

Acq: 27 Jun 2020 02:43

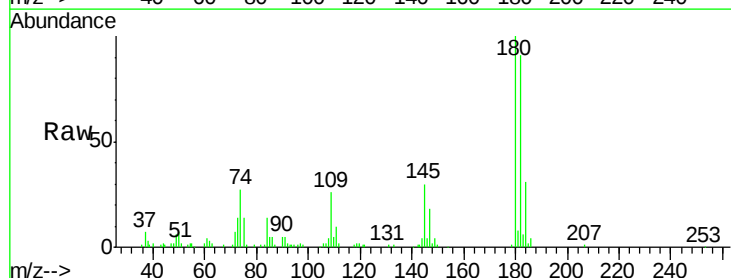
Tgt Ion:180 Resp: 31944

Ion Ratio Lower Upper

180 100

182 94.1 76.5 114.7

145 30.4 26.1 39.1



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

