

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031720\
 Data File : VV014986.D
 Acq On : 17 Mar 2020 20:14
 Operator : SY/MD
 Sample : L1941-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DB4

Quant Time: Mar 18 07:12:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 18 05:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	326258	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	321615	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	163172	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82260	37.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.70%
7) Chloroethane-d5	1.58	69	66186	41.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	2.12	63	107972	32.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.76%
21) 2-Butanone-d5	3.93	46	125851	94.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.96%
24) Chloroform-d	4.38	84	201212	44.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.86%
26) 1,2-Dichloroethane-d4	5.06	65	134264	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.60%
32) Benzene-d6	5.08	84	412556	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
36) 1,2-Dichloropropane-d6	6.10	67	124111	47.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.08%
41) Toluene-d8	7.34	98	396801	45.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.56%
43) trans-1,3-Dichloropropene-	7.64	79	54690	38.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.98%
47) 2-Hexanone-d5	8.12	63	112111	94.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.14%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	178626	46.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	178797	50.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.04%

Target Compounds

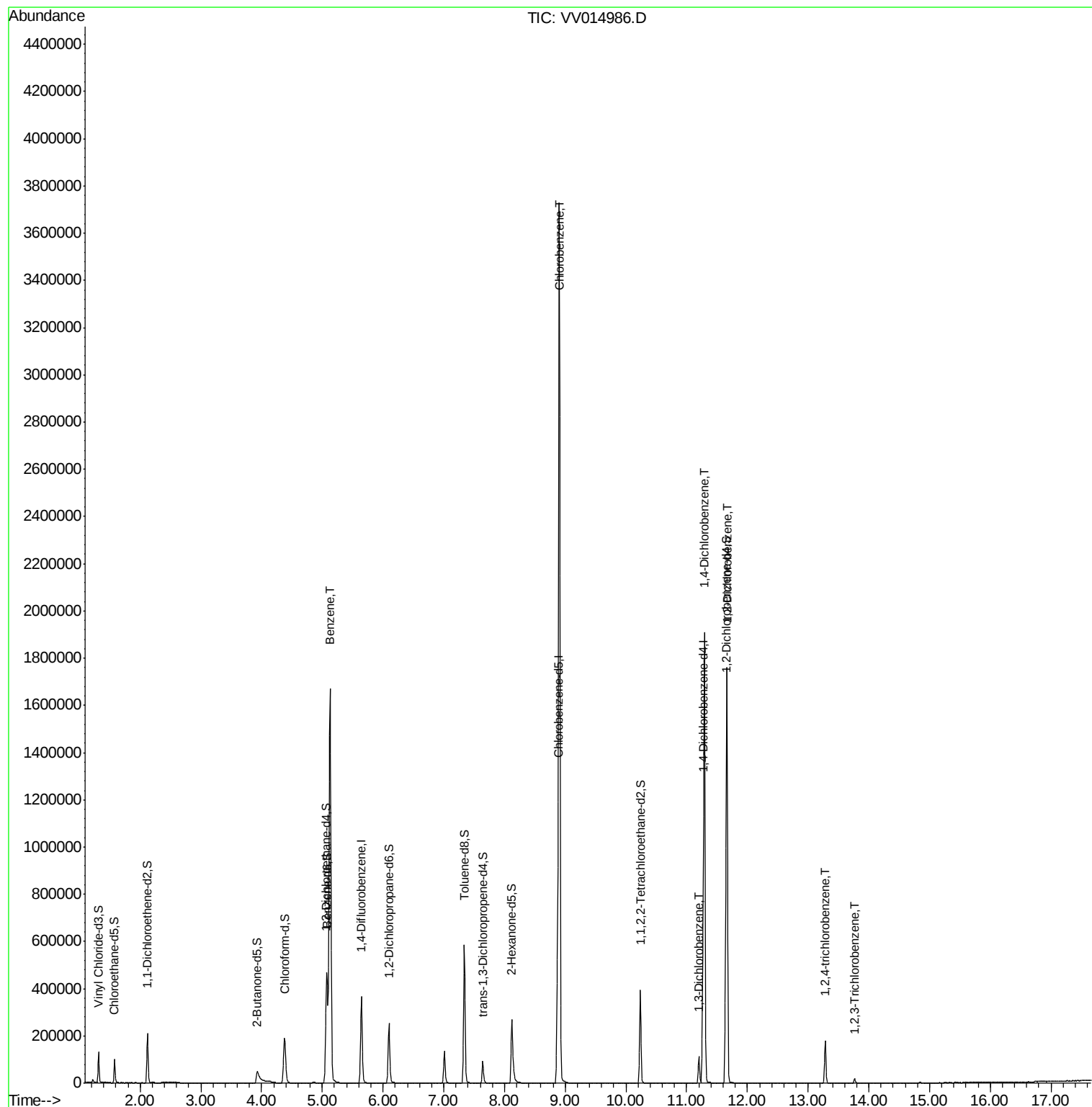
					Ovalue
33) Benzene	5.13	78	1723207	196.905	ug/L 100
51) Chlorobenzene	8.90	112	2072601	305.635	ug/L 99
62) 1,3-Dichlorobenzene	11.20	146	47744	8.879	ug/L 99
63) 1,4-Dichlorobenzene	11.29	146	786264	145.160	ug/L 98
65) 1,2-Dichlorobenzene	11.67	146	689997	128.461	ug/L 98
68) 1,2,4-trichlorobenzene	13.28	180	58807	15.650	ug/L 99
70) 1,2,3-Trichlorobenzene	13.77	180	5650	1.519	ug/L # 82

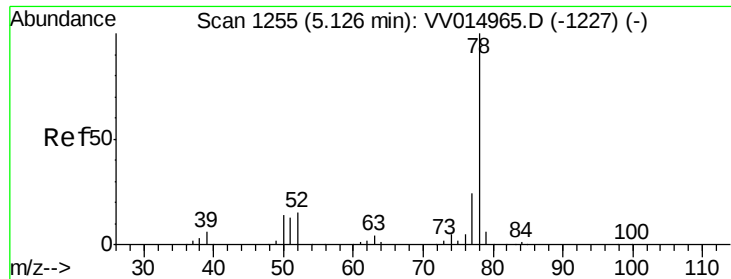
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV031720\
Data File : VV014986.D
Acq On : 17 Mar 2020 20:14
Operator : SY/MD
Sample : L1941-04
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DB4

Quant Time: Mar 18 07:12:37 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 05:21:28 2020
Response via : Initial Calibration





#33

Benzene

Concen: 196.905 ug/L

RT: 5.13 min Scan# 1255

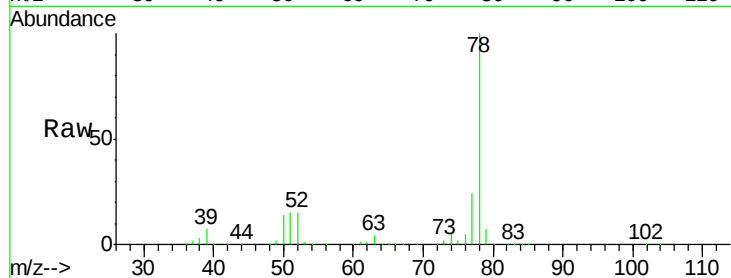
Delta R.T. -0.00 min

Lab File: VV014986.D

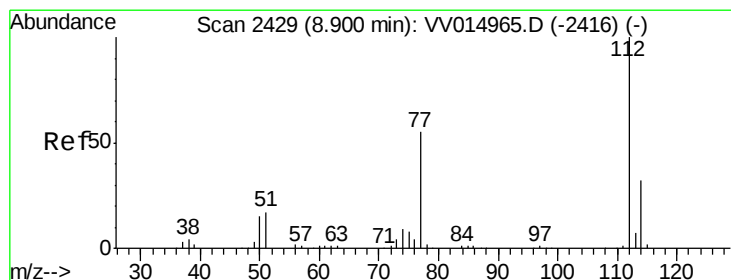
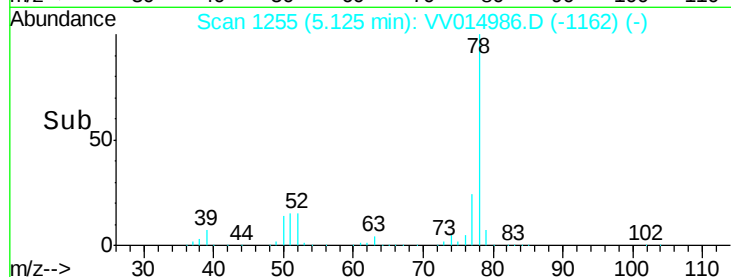
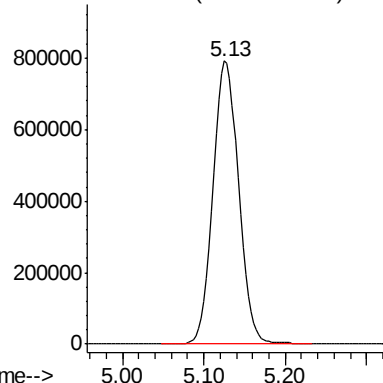
Acq: 17 Mar 2020 20:14

Instrument :
MSVOA_V
ClientSampleId :
C0DB4

Tgt Ion: 78 Resp: 1723207



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 305.635 ug/L

RT: 8.90 min Scan# 2430

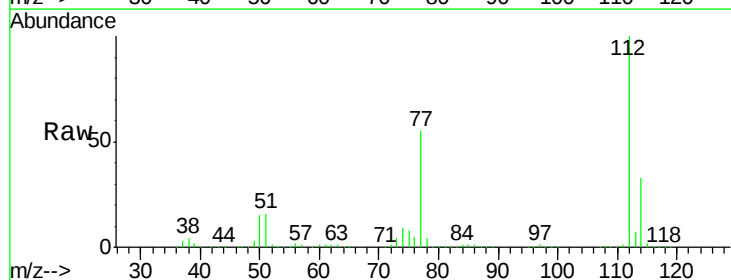
Delta R.T. 0.00 min

Lab File: VV014986.D

Acq: 17 Mar 2020 20:14

Tgt Ion: 112 Resp: 2072601

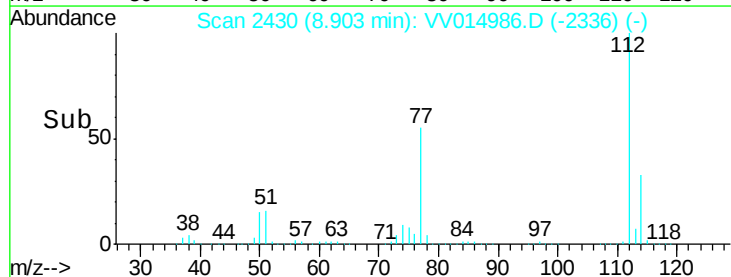
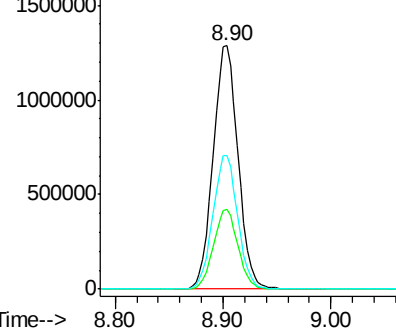
Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.8	42.4
77	54.8	44.5	66.7

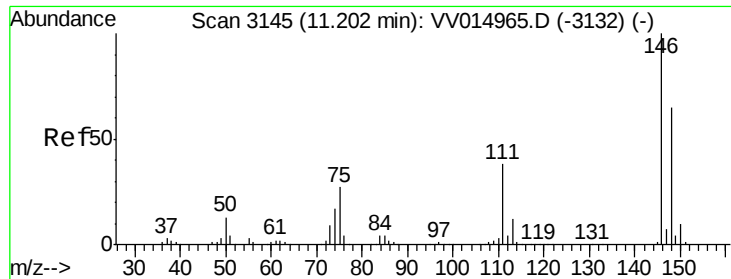


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#62

1,3-Dichlorobenzene

Concen: 8.879 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. -0.00 min

Lab File: VV014986.D

Acq: 17 Mar 2020 20:14

Instrument :

MSVOA_V

ClientSampleId :

C0DB4

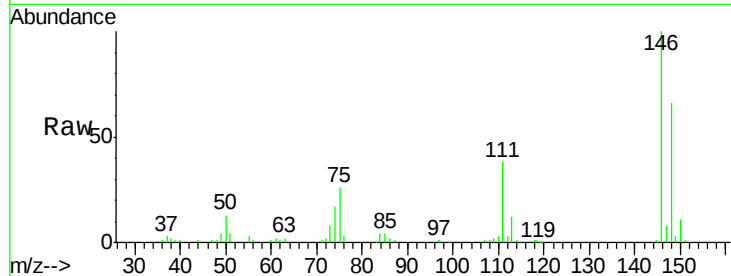
Tot Ion:146 Resp: 47744

Ion Ratio Lower Upper

146 100

111 37.8 26.5 49.3

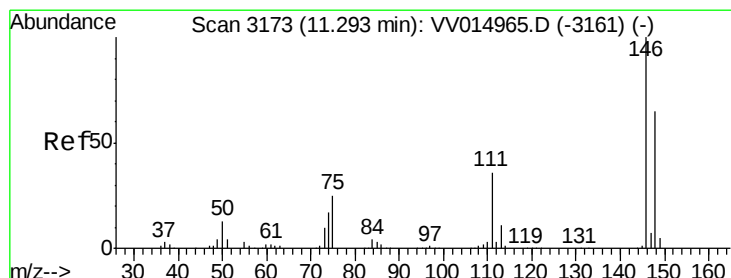
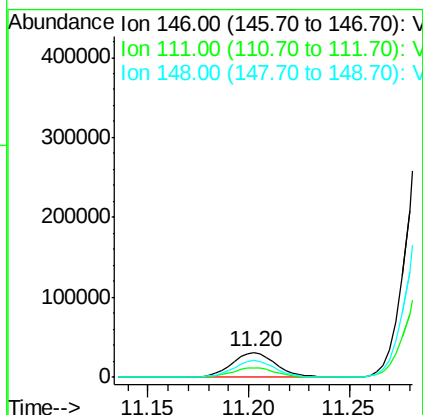
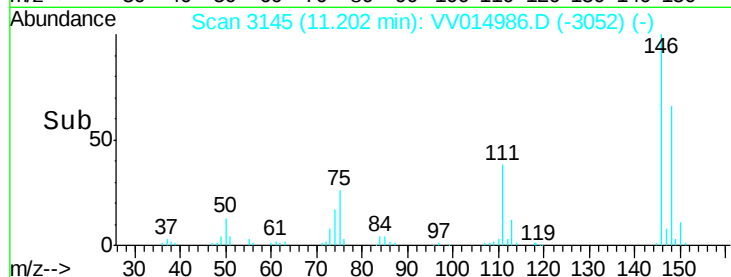
148 66.5 45.4 84.2



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: 145.160 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. -0.00 min

Lab File: VV014986.D

Acq: 17 Mar 2020 20:14

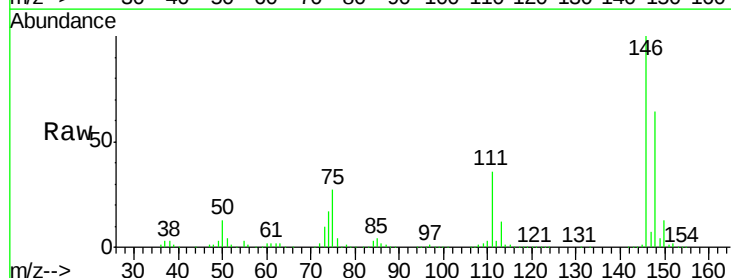
Tgt Ion:146 Resp: 786264

Ion Ratio Lower Upper

146 100

111 36.2 26.0 48.2

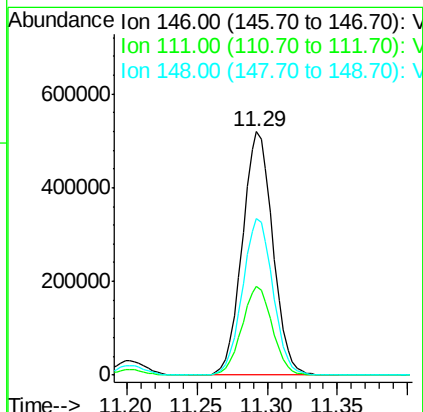
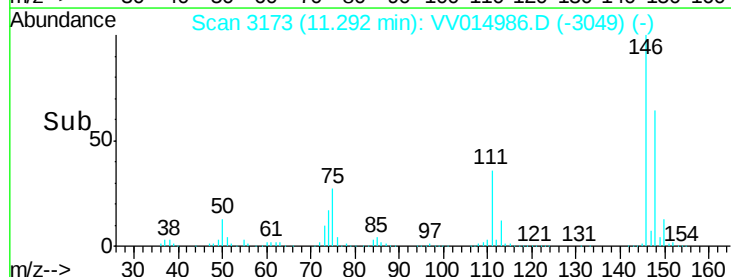
148 64.1 46.1 85.5

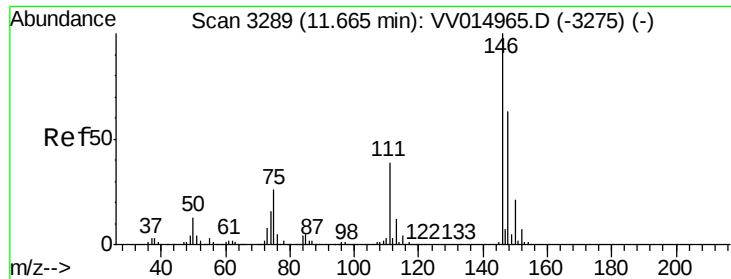


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

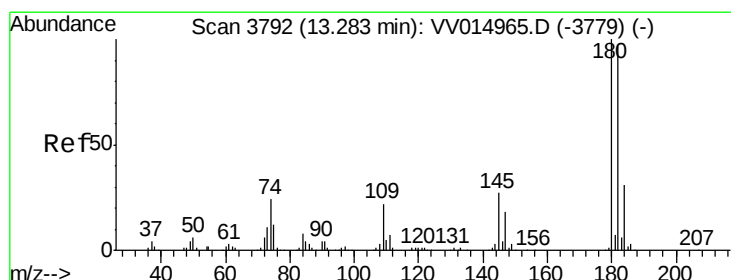
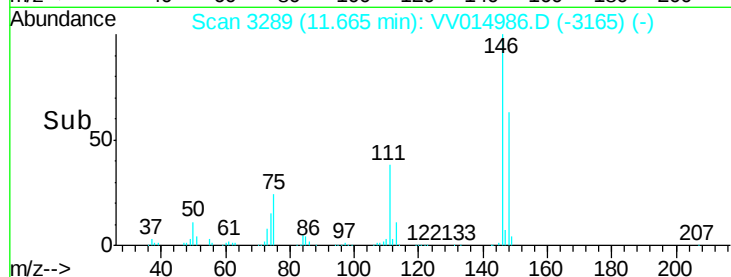
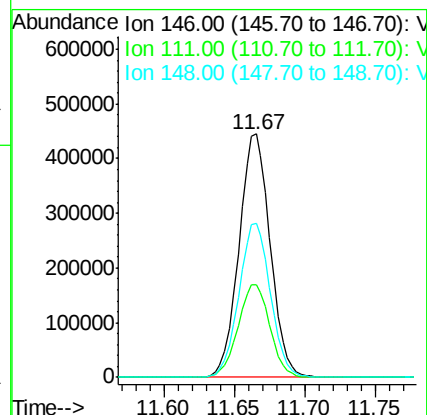
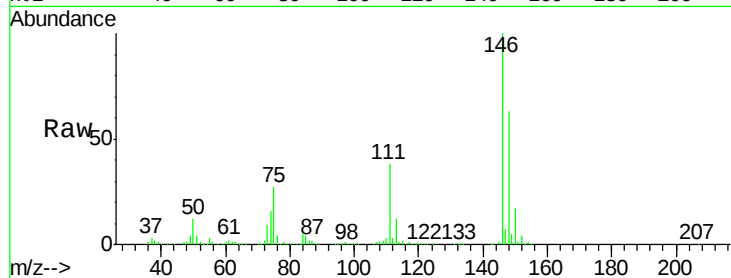




#65
 1,2-Dichlorobenzene
 Concen: 128.461 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV014986.D
 Acq: 17 Mar 2020 20:14

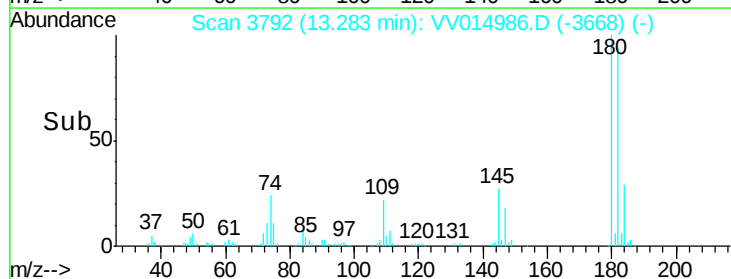
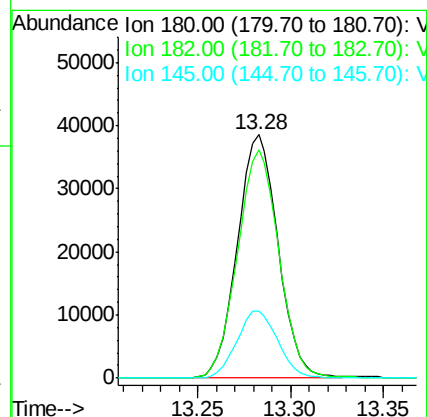
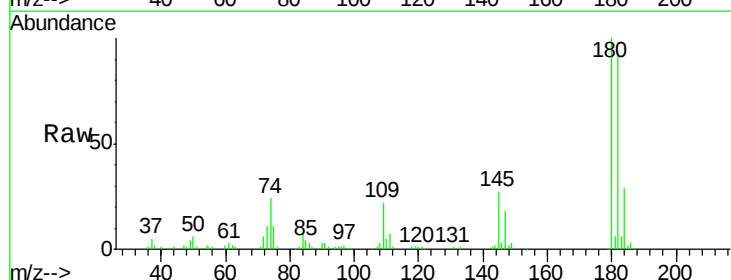
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DB4

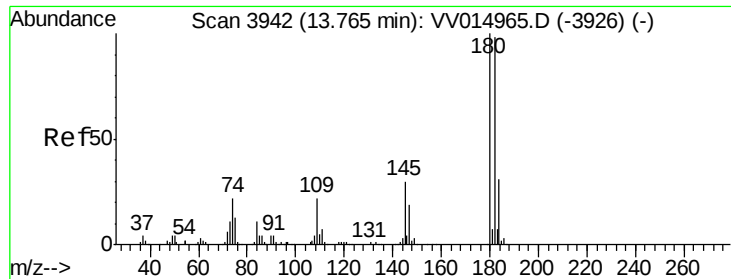
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	31.6	47.4
148	63.3	52.2	78.4



#68
 1,2,4-trichlorobenzene
 Concen: 15.650 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. -0.00 min
 Lab File: VV014986.D
 Acq: 17 Mar 2020 20:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.3	114.5
145	27.7	23.1	34.7





#70
 1,2,3-Trichlorobenzene
 Concen: 1.519 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV014986.D
 Acq: 17 Mar 2020 20:14

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DB4

Tot Ion	Ion	Ratio	Lower	Upper
180	100			
182	117.8	76.2	114.4	
145	31.9	24.1	36.1	

