

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040220\
 Data File : VV015369.D
 Acq On : 02 Apr 2020 13:11
 Operator : SY/MD
 Sample : L2005-01 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DD7

Quant Time: Apr 03 02:36:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 03 01:25:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	728963	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	699690	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	339390	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	230198	35.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.44%
7) Chloroethane-d5	1.58	69	213147	38.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.34%
11) 1,1-Dichloroethene-d2	2.12	63	356113	30.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.96%
21) 2-Butanone-d5	3.94	46	310667	89.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.43%
24) Chloroform-d	4.38	84	433862	40.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.42%
26) 1,2-Dichloroethane-d4	5.06	65	288899	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.96%
32) Benzene-d6	5.07	84	915794	42.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.09	67	270851	42.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.26%
41) Toluene-d8	7.34	98	889988	43.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.38%
43) trans-1,3-Dichloropropene-	7.64	79	142695	40.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.30%
47) 2-Hexanone-d5	8.12	63	244312	84.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.20%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	389905	43.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	339178	43.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.86%

Target Compounds

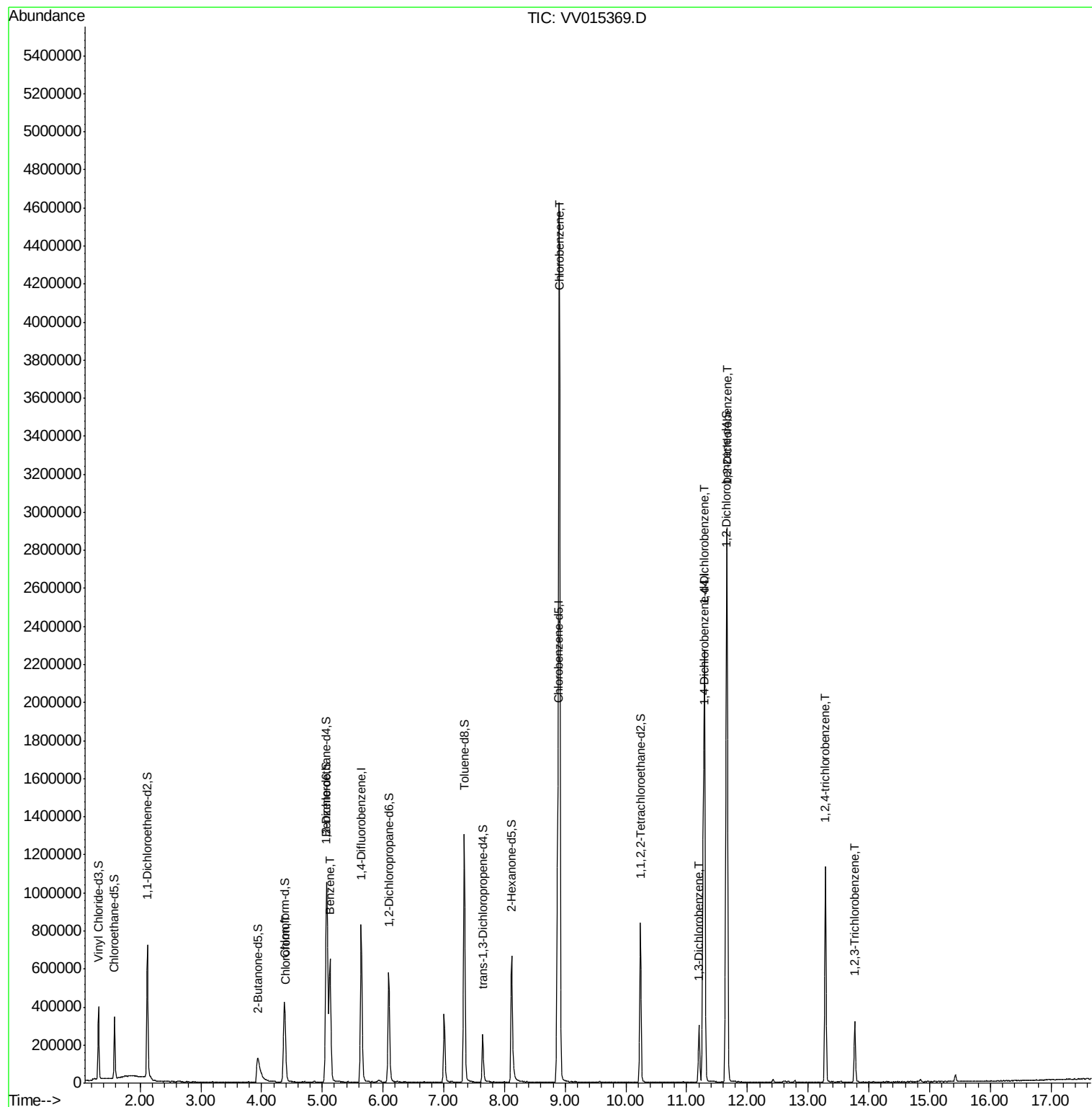
					Ovalue
25) Chloroform	4.40	83	14703	1.496	ug/L 85
33) Benzene	5.13	78	670043	32.354	ug/L 100
51) Chlorobenzene	8.90	112	2489004	165.003	ug/L 97
62) 1,3-Dichlorobenzene	11.21	146	117715	10.303	ug/L 97
63) 1,4-Dichlorobenzene	11.30	146	860432	74.252	ug/L 97
65) 1,2-Dichlorobenzene	11.67	146	1042309	89.440	ug/L 98
68) 1,2,4-trichlorobenzene	13.29	180	319029	46.125	ug/L 99
70) 1,2,3-Trichlorobenzene	13.77	180	88969	12.487	ug/L 100

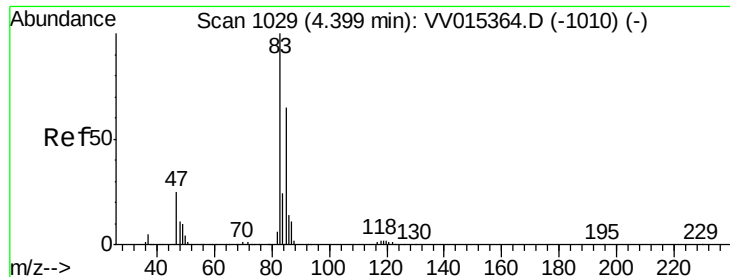
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040220\
Data File : VV015369.D
Acq On : 02 Apr 2020 13:11
Operator : SY/MD
Sample : L2005-01 50X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DD7

Quant Time: Apr 03 02:36:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 03 01:25:45 2020
Response via : Initial Calibration

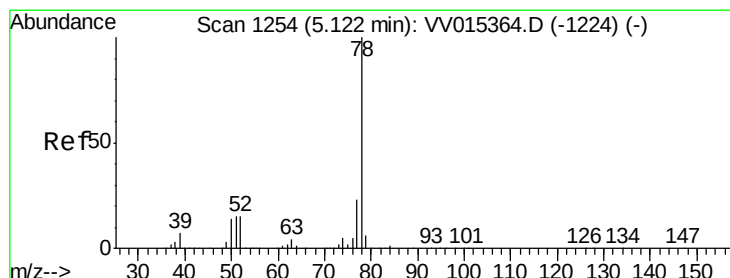
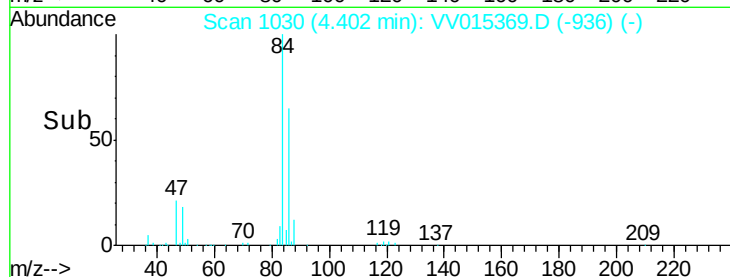
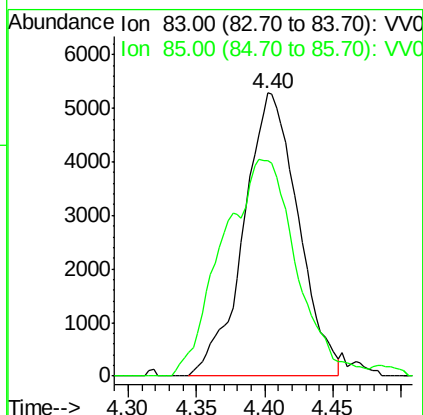
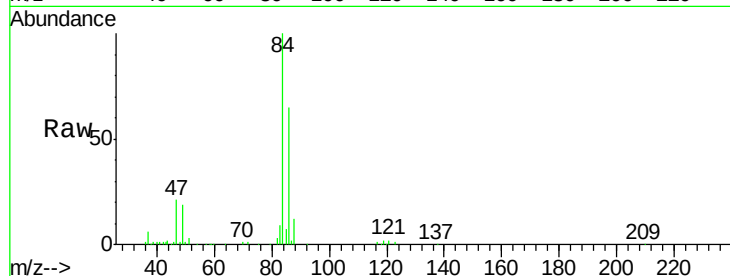




#25
Chloroform
Concen: 1.496 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015369.D
Acq: 02 Apr 2020 13:11

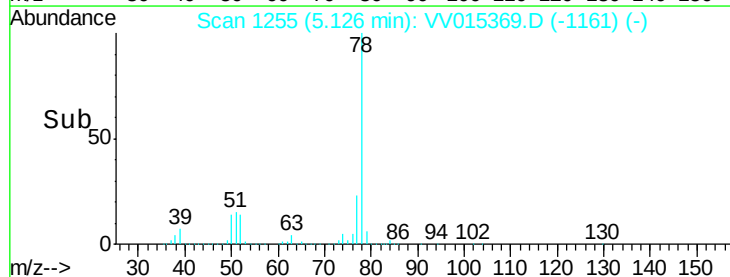
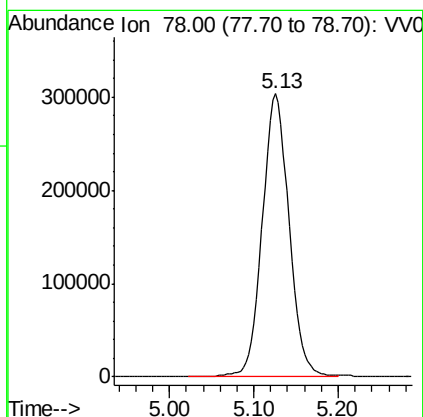
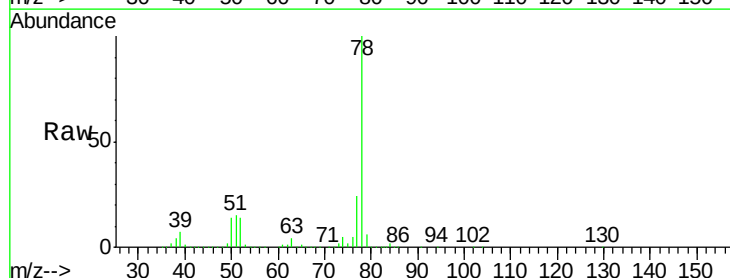
Instrument :
MSVOA_V
ClientSampleId :
C0DD7

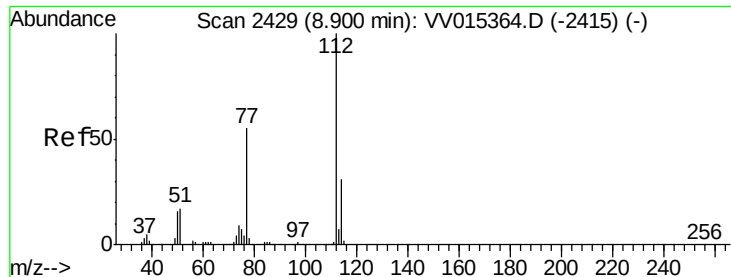
Tot Ion: 83 Resp: 14703
Ion Ratio Lower Upper
83 100
85 76.4 45.1 83.9



#33
Benzene
Concen: 32.354 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015369.D
Acq: 02 Apr 2020 13:11

Tgt Ion: 78 Resp: 670043





#51

Chlorobenzene

Concen: 165.003 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV015369.D

Acq: 02 Apr 2020 13:11

Instrument :

MSVOA_V

ClientSampleId :

C0DD7

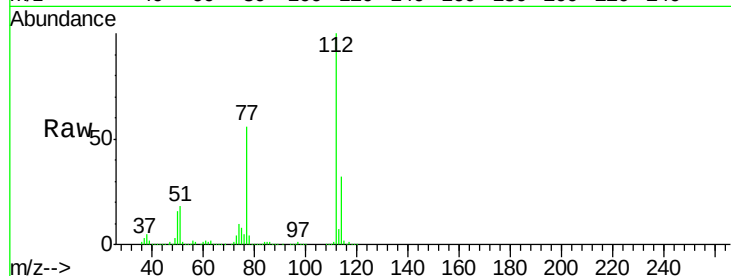
Tot Ion:112 Resp: 2489004

Ion Ratio Lower Upper

112 100

114 32.1 21.8 40.4

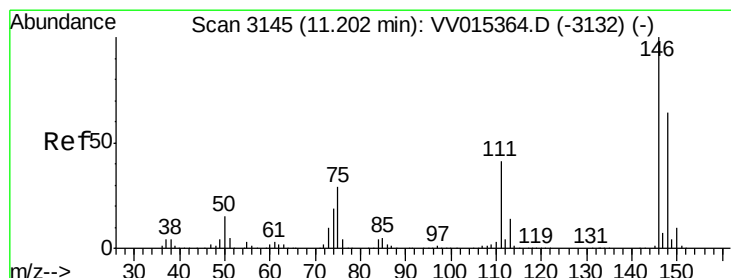
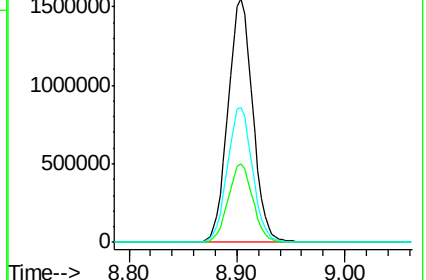
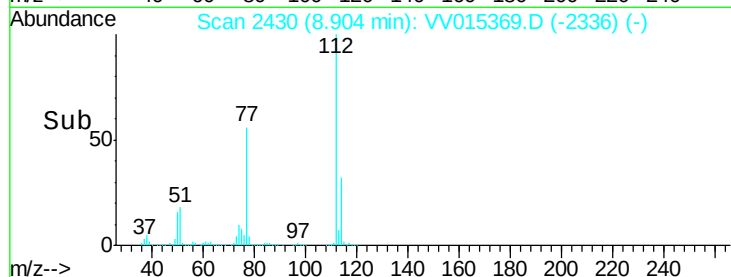
77 55.5 46.2 69.2



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: 10.303 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV015369.D

Acq: 02 Apr 2020 13:11

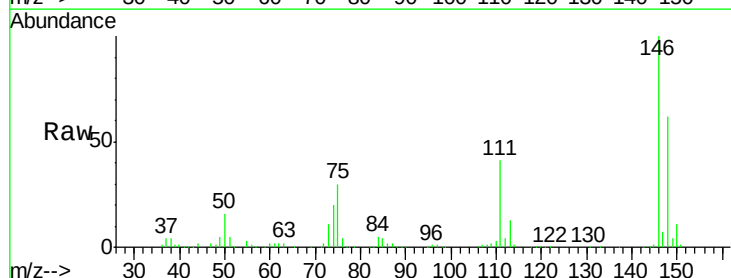
Tgt Ion:146 Resp: 117715

Ion Ratio Lower Upper

146 100

111 40.8 30.2 56.2

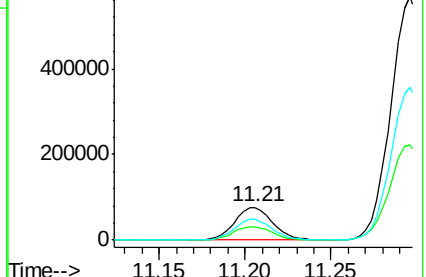
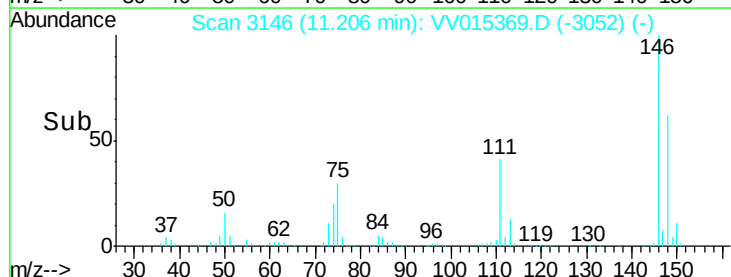
148 62.0 44.7 83.1

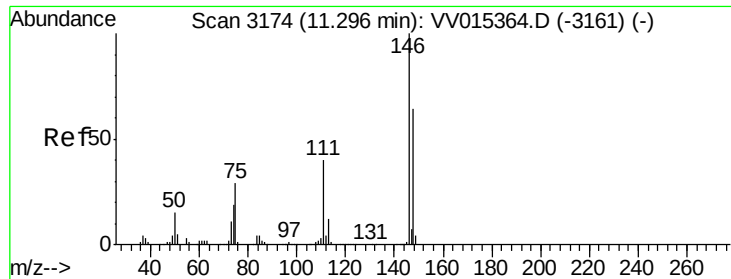


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

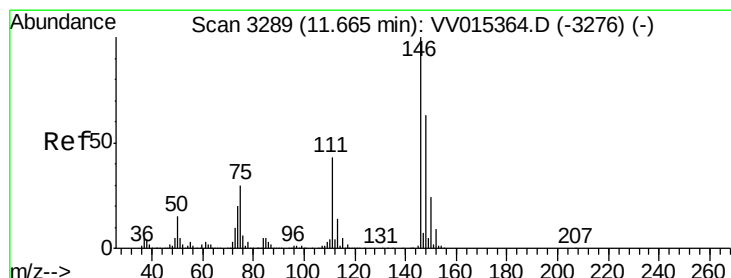
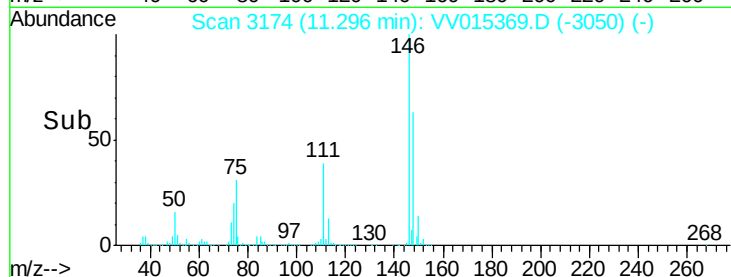
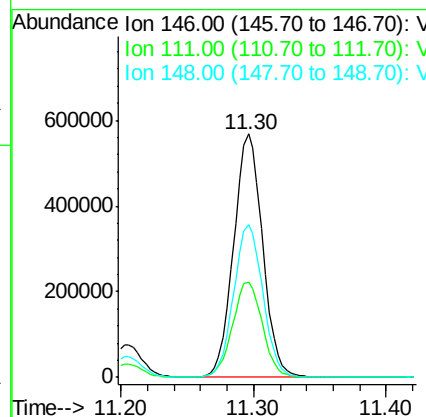
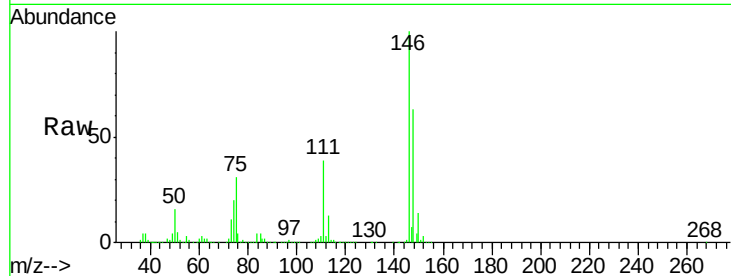




#63
 1,4-Dichlorobenzene
 Concen: 74.252 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV015369.D
 Acq: 02 Apr 2020 13:11

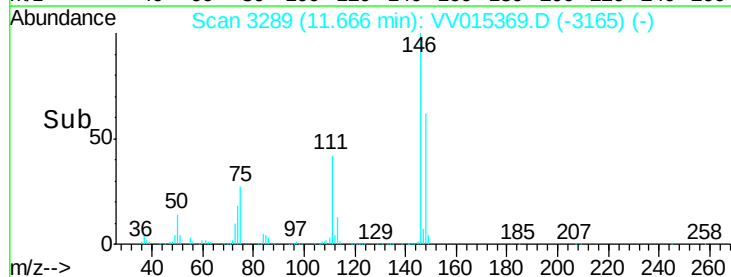
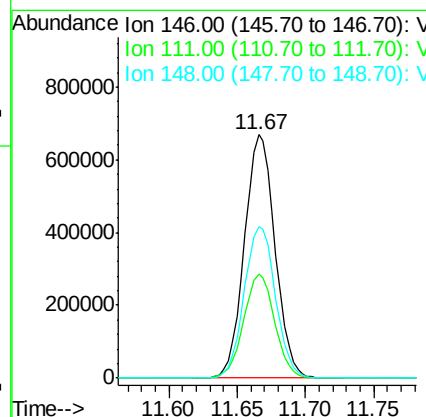
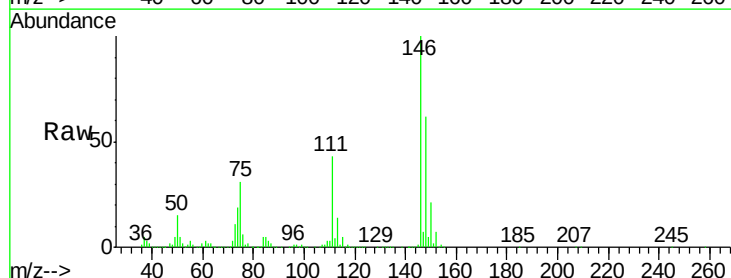
Instrument :
 MSVOA_V
 ClientSampleId :
 C0DD7

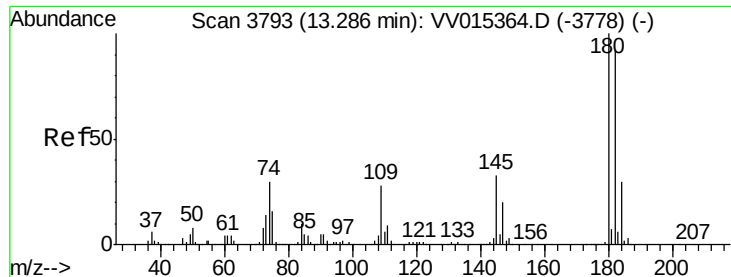
Tot Ion:146 Resp: 860432
 Ion Ratio Lower Upper
 146 100
 111 39.2 29.3 54.5
 148 62.7 44.7 82.9



#65
 1,2-Dichlorobenzene
 Concen: 89.440 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV015369.D
 Acq: 02 Apr 2020 13:11

Tgt Ion:146 Resp: 1042309
 Ion Ratio Lower Upper
 146 100
 111 42.8 35.1 52.7
 148 62.3 51.0 76.4

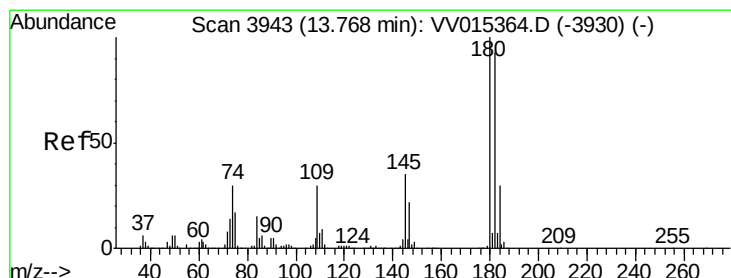
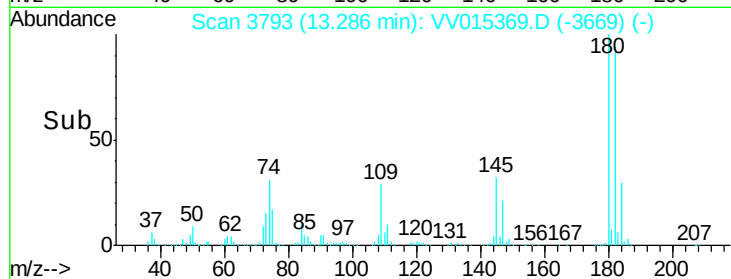
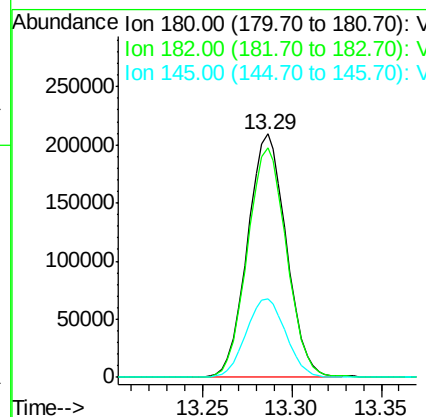
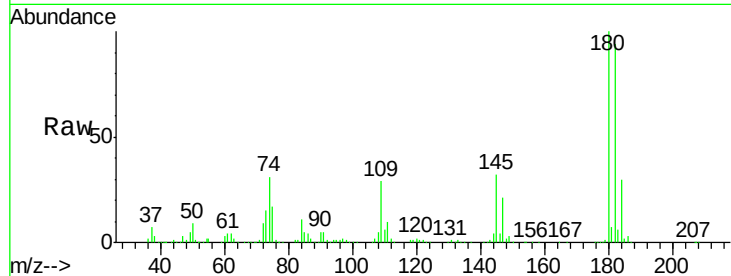




#68
 1,2,4-trichlorobenzene
 Concen: 46.125 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV015369.D
 Acq: 02 Apr 2020 13:11

Instrument :
 MSVOA_V
 ClientSampled :
 C0DD7

Tot Ion:180 Resp: 319029
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.8 113.8
 145 33.2 27.7 41.5



#70
 1,2,3-Trichlorobenzene
 Concen: 12.487 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VV015369.D
 Acq: 02 Apr 2020 13:11

Tgt Ion:180 Resp: 88969
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.1 114.1
 145 35.4 28.2 42.4

