

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040220\
 Data File : VV015375.D
 Acq On : 02 Apr 2020 15:36
 Operator : SY/MD
 Sample : L2005-08 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DF0

Quant Time: Apr 03 03:04:12 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	715806	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	696632	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	326061	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	216440	33.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.44%
7) Chloroethane-d5	1.58	69	196724	35.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.76%
11) 1,1-Dichloroethene-d2	2.12	63	338157	29.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.96%#
21) 2-Butanone-d5	3.94	46	284149	83.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.30%
24) Chloroform-d	4.38	84	411547	38.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.68%
26) 1,2-Dichloroethane-d4	5.06	65	271011	41.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.12%
32) Benzene-d6	5.07	84	858861	40.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.06%
36) 1,2-Dichloropropane-d6	6.09	67	259744	41.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.12%
41) Toluene-d8	7.34	98	831960	40.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.10%
43) trans-1,3-Dichloropropene-	7.64	79	131422	37.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.20%
47) 2-Hexanone-d5	8.12	63	227261	78.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.67%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	366652	40.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	315760	42.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.14%

Target Compounds

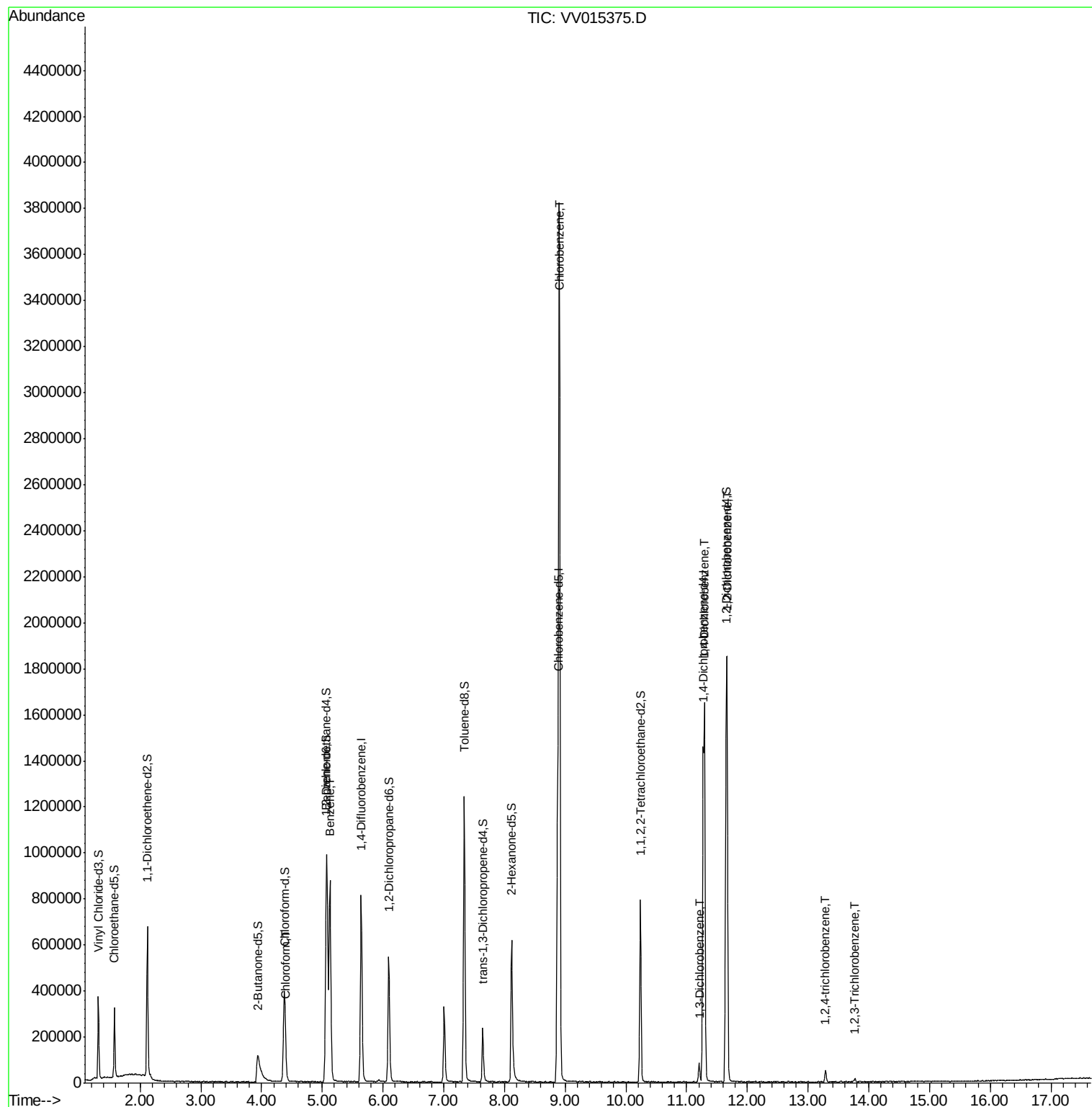
					Ovalue
25) Chloroform	4.41	83	13935	1.444 ug/L	94
33) Benzene	5.13	78	904543	43.869 ug/L	100
51) Chlorobenzene	8.90	112	2045669	136.208 ug/L	99
62) 1,3-Dichlorobenzene	11.21	146	31908	2.907 ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	607523	54.570 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	594018	53.056 ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	14378	2.164 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	3955	0.578 ug/L	94

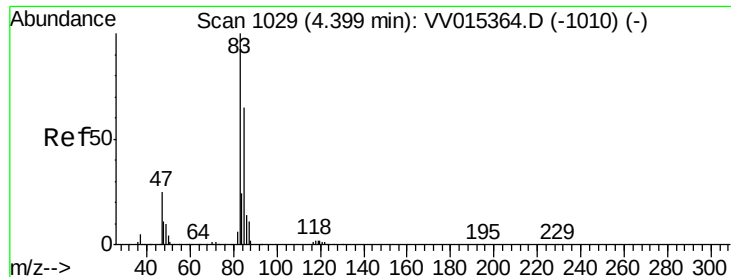
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 03 01:25:45 2020
Response via : Initial Calibration

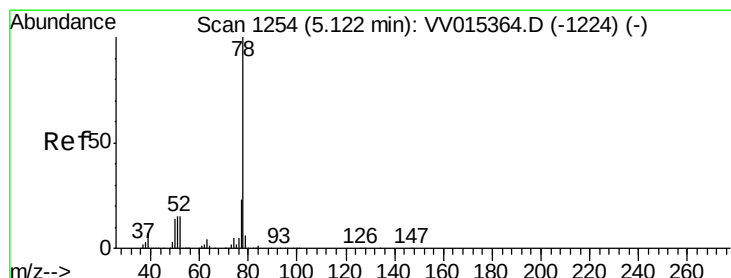
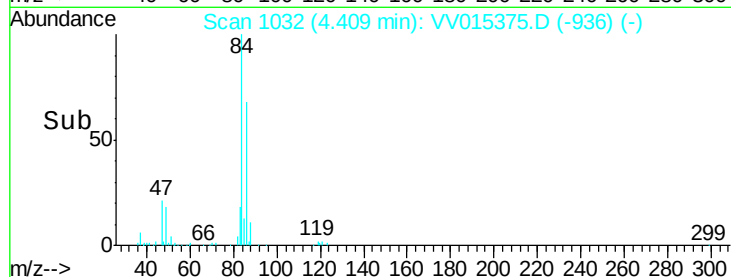
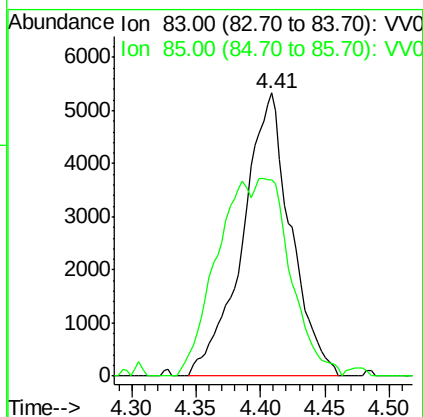
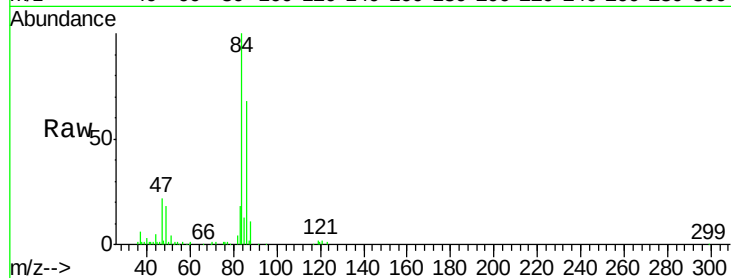




#25
Chloroform
Concen: 1.444 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015375.D
Acq: 02 Apr 2020 15:36

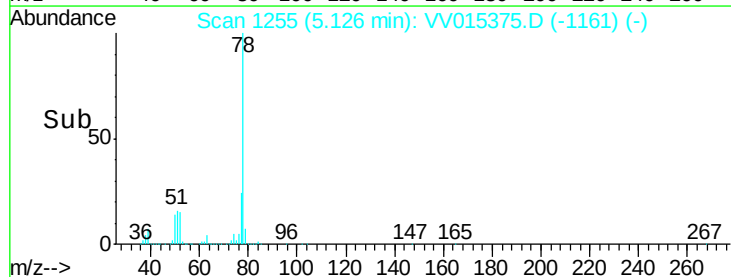
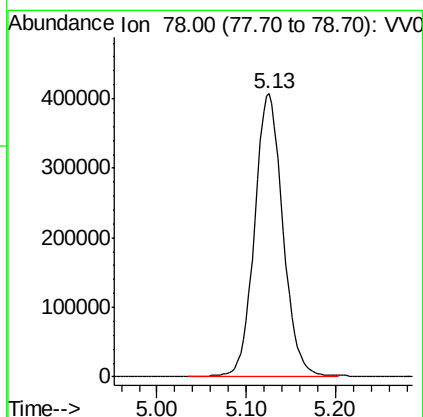
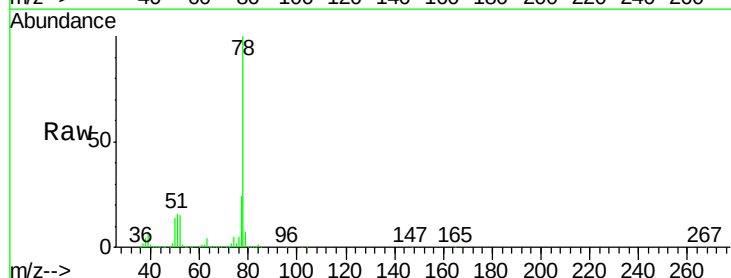
Instrument :
MSVOA_V
ClientSampleId :
C0DF0

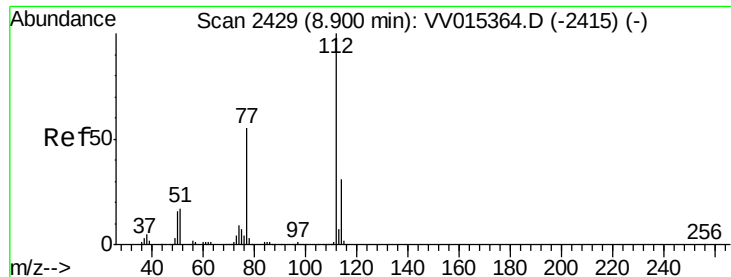
Tot Ion: 83 Resp: 13935
Ion Ratio Lower Upper
83 100
85 69.4 45.1 83.9



#33
Benzene
Concen: 43.869 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015375.D
Acq: 02 Apr 2020 15:36

Tgt Ion: 78 Resp: 904543





#51

Chlorobenzene

Concen: 136.208 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV015375.D

Acq: 02 Apr 2020 15:36

Instrument :

MSVOA_V

ClientSampleId :

C0DF0

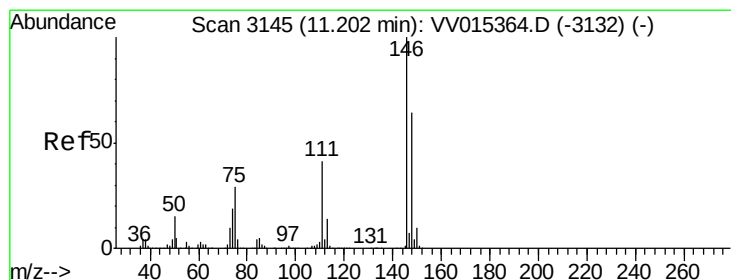
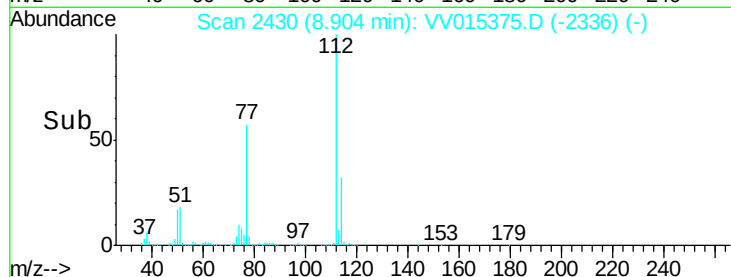
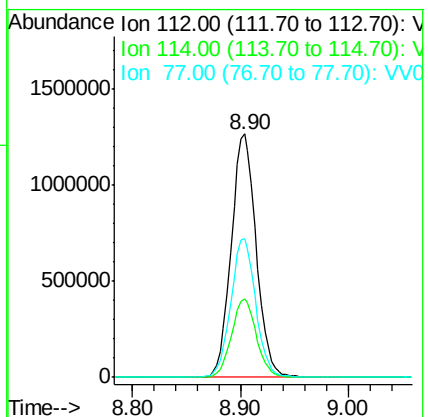
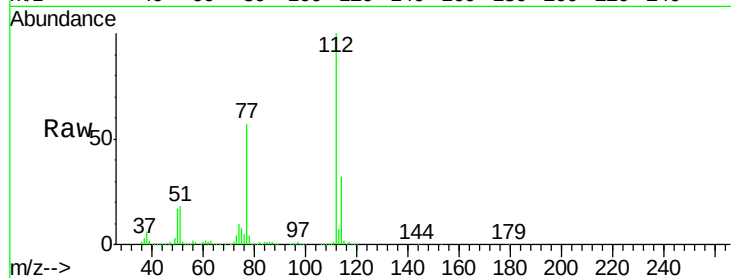
Tot Ion:112 Resp: 2045669

Ion Ratio Lower Upper

112 100

114 32.3 21.8 40.4

77 56.9 46.2 69.2



#62

1,3-Dichlorobenzene

Concen: 2.907 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV015375.D

Acq: 02 Apr 2020 15:36

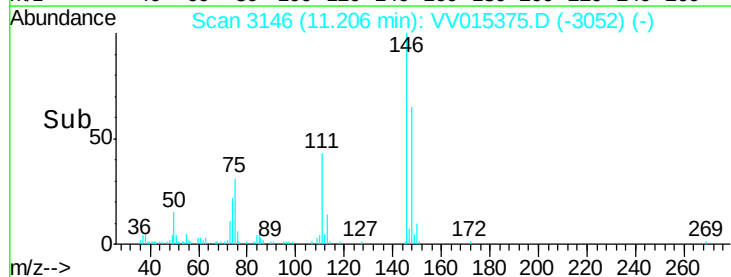
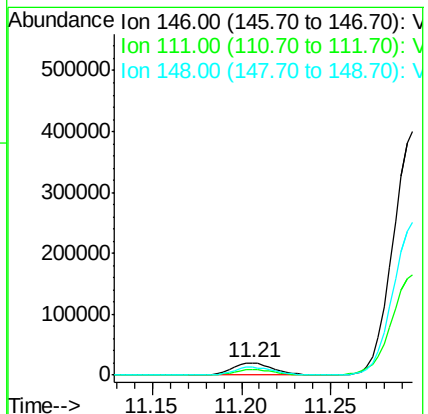
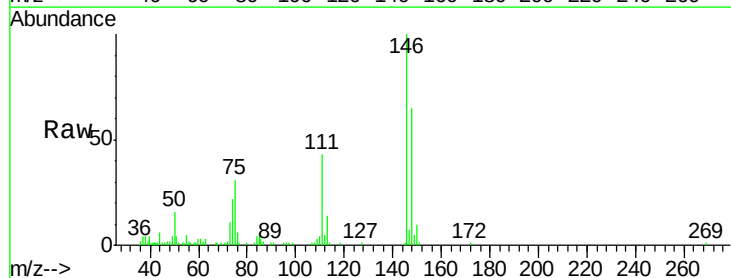
Tgt Ion:146 Resp: 31908

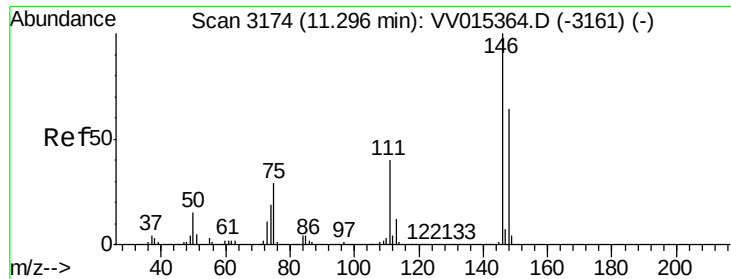
Ion Ratio Lower Upper

146 100

111 42.5 30.2 56.2

148 64.9 44.7 83.1

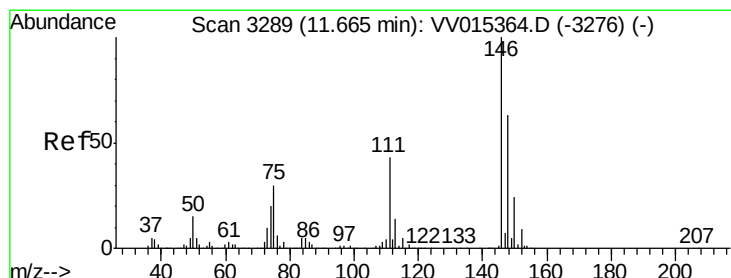
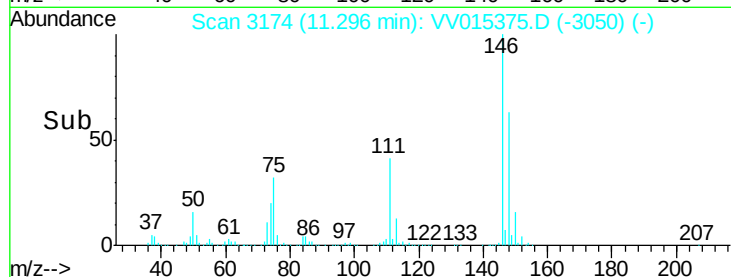
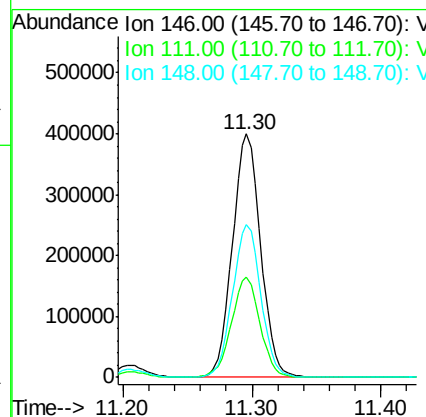
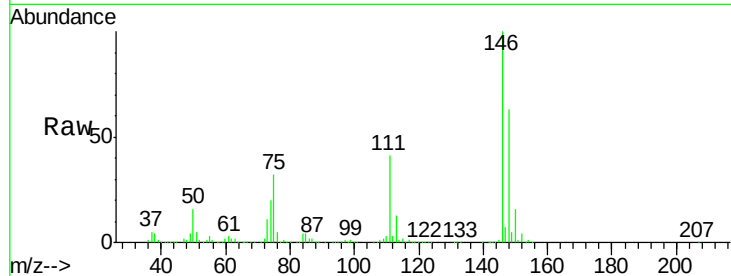




#63
 1,4-Dichlorobenzene
 Concen: 54.570 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV015375.D
 Acq: 02 Apr 2020 15:36

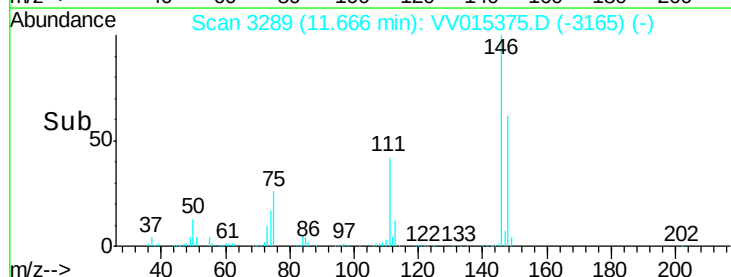
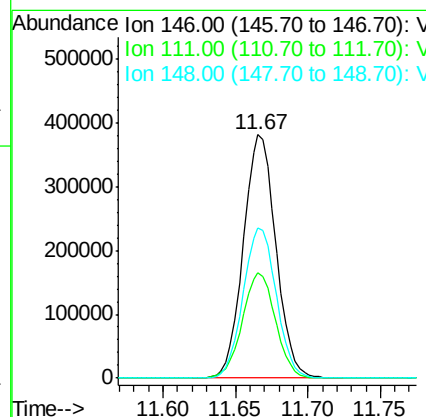
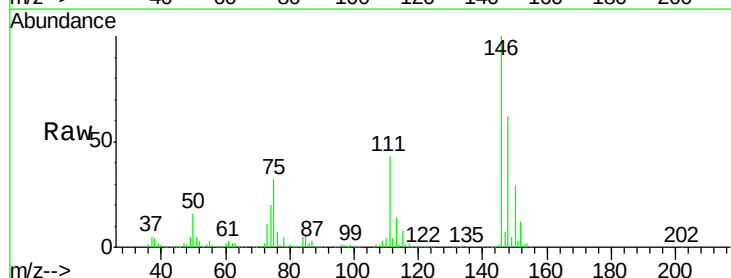
Instrument :
 MSVOA_V
 ClientSampled :
 C0DF0

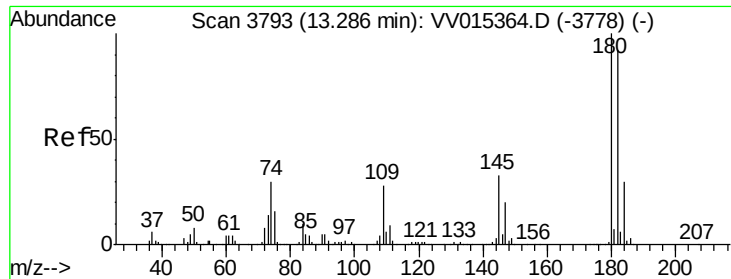
Tot Ion:146 Resp: 607523
 Ion Ratio Lower Upper
 146 100
 111 41.1 29.3 54.5
 148 62.8 44.7 82.9



#65
 1,2-Dichlorobenzene
 Concen: 53.056 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV015375.D
 Acq: 02 Apr 2020 15:36

Tgt Ion:146 Resp: 594018
 Ion Ratio Lower Upper
 146 100
 111 43.2 35.1 52.7
 148 61.8 51.0 76.4

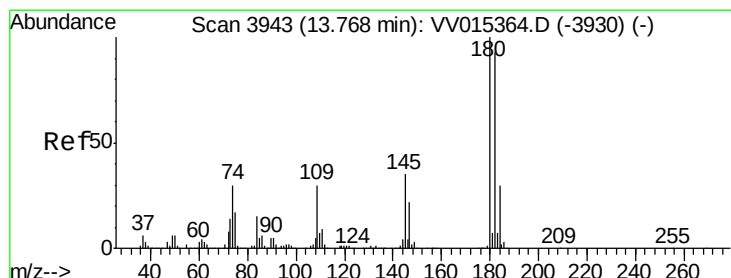
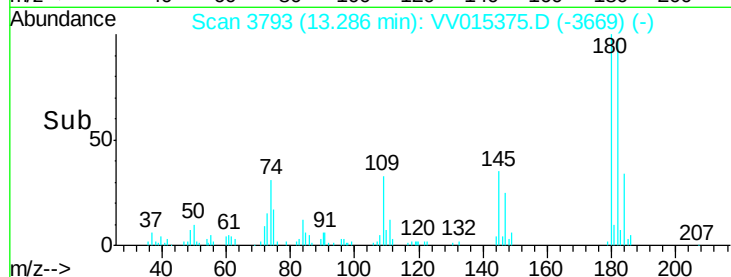
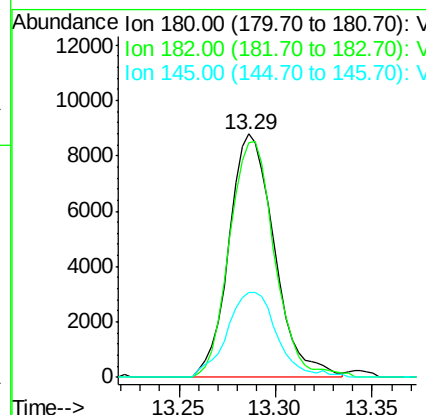
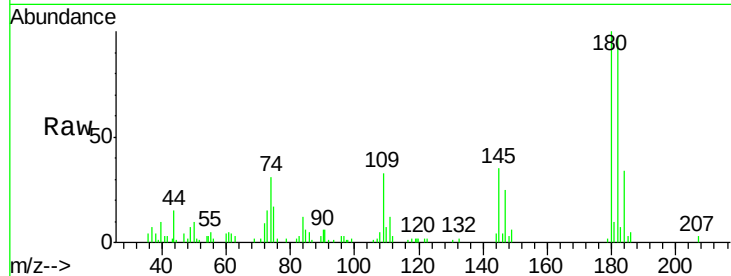




#68
 1,2,4-trichlorobenzene
 Concen: 2.164 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV015375.D
 Acq: 02 Apr 2020 15:36

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DF0

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.8
145	37.6	27.7	41.5



#70
 1,2,3-Trichlorobenzene
 Concen: 0.578 ug/L
 RT: 13.77 min Scan# 3945
 Delta R.T. 0.01 min
 Lab File: VV015375.D
 Acq: 02 Apr 2020 15:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.4	76.1	114.1
145	28.5	28.2	42.4

