

Data File : VV015029.D
Acq On : 18 Mar 2020 21:37
Operator : SY/MD
Sample : L1941-21
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DN0

Quant Time: Mar 19 04:11:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 19 04:08:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	339428	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	330522	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	160680	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83342	52.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.10%
7) Chloroethane-d5	1.58	69	64523	51.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.76%
11) 1,1-Dichloroethene-d2	2.12	63	104969	38.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.46%
21) 2-Butanone-d5	3.93	46	100275	93.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.26%
24) Chloroform-d	4.38	84	199254	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.14%
26) 1,2-Dichloroethane-d4	5.06	65	127899	50.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.08%
32) Benzene-d6	5.08	84	404802	51.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.22%
36) 1,2-Dichloropropane-d6	6.10	67	117805	51.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.66%
41) Toluene-d8	7.34	98	397618	50.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.72%
43) trans-1,3-Dichloropropene-	7.64	79	58837	47.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.92%
47) 2-Hexanone-d5	8.12	63	109479	103.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.53%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	171661	49.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	170738	52.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.86%

Target Compounds

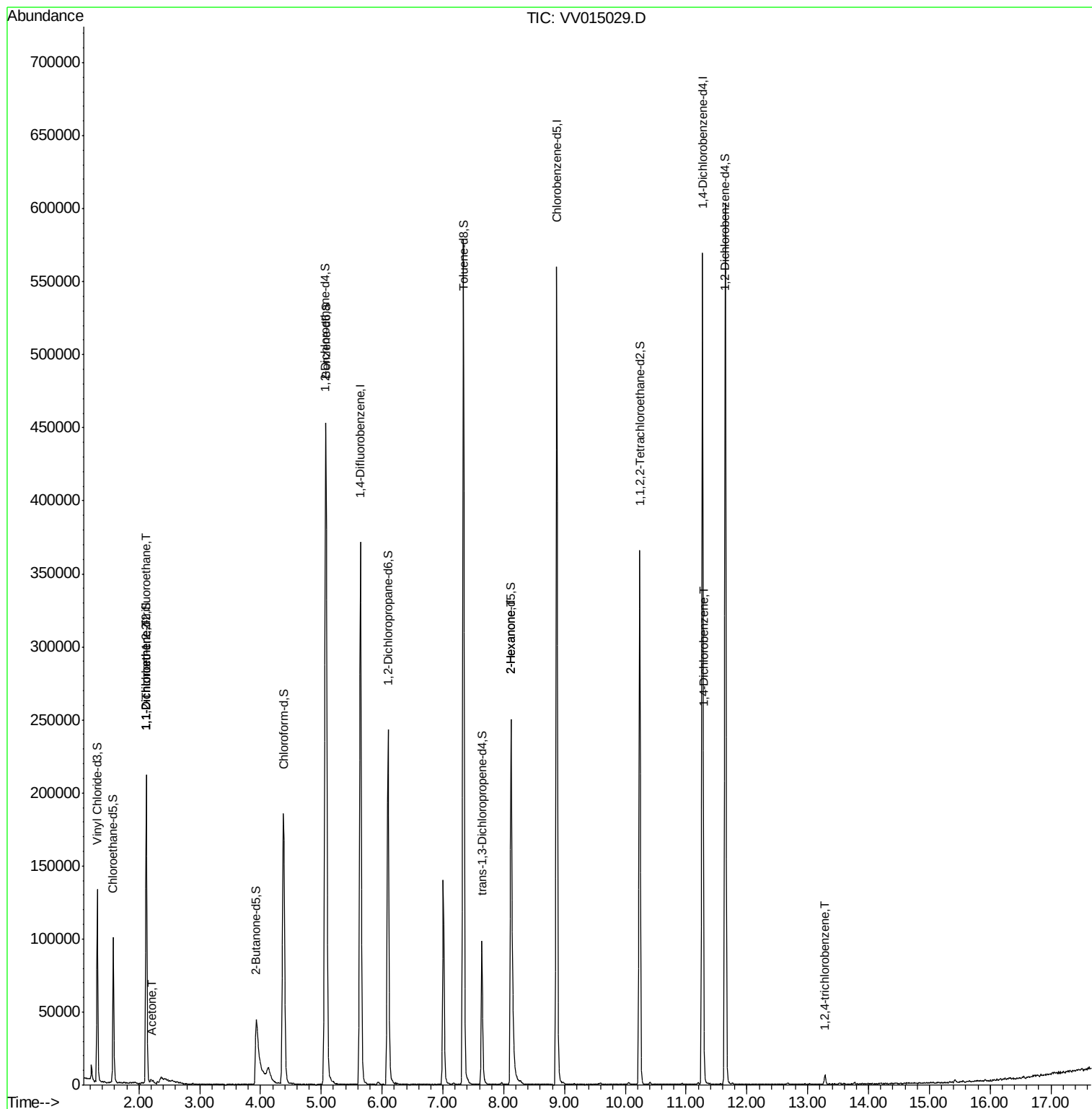
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1067	0.731	ug/L #	17
12) 1,1-Dichloroethene	2.13	96	971	0.703	ug/L #	1
13) Acetone	2.20	43	2884	3.225	ug/L	66
48) 2-Hexanone	8.12	43	12715	6.280	ug/L #	73
63) 1,4-Dichlorobenzene	11.29	146	4816	0.957	ug/L	90
68) 1,2,4-trichlorobenzene	13.29	180	2291	0.650	ug/L #	73

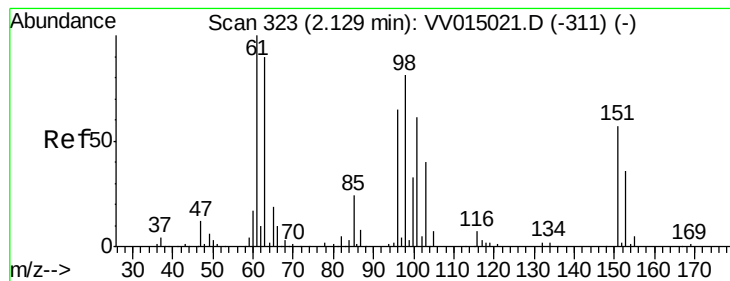
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.731 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015029.D

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Instrument :

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ClientSampleId :

C0DN0

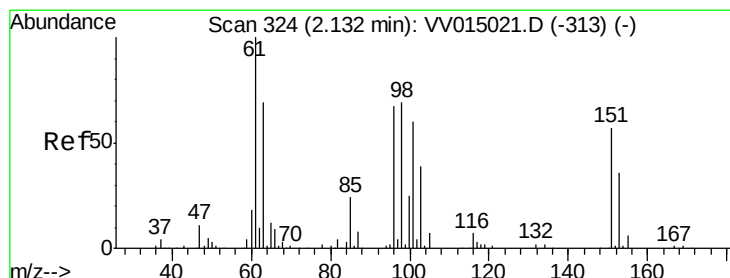
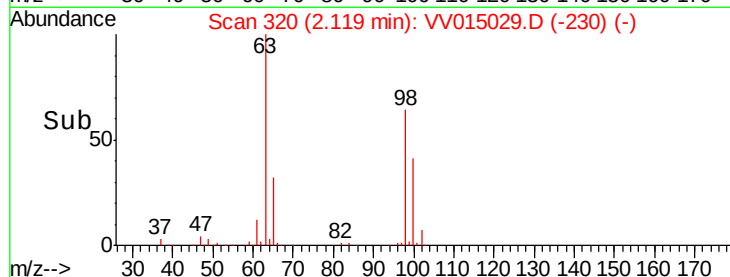
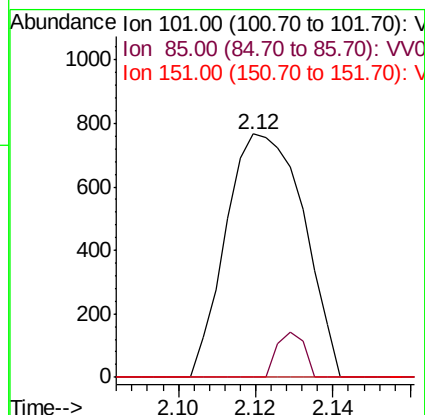
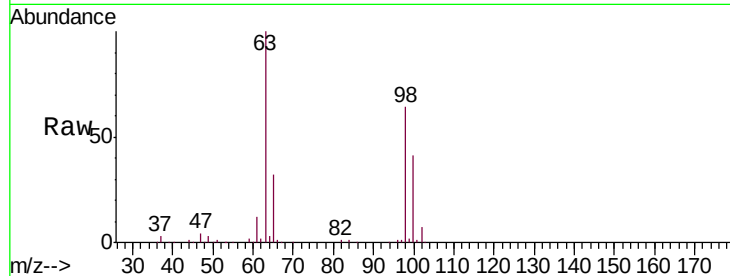
Tgt Ion:101 Resp: 1067

Ion Ratio Lower Upper

101 100

85 6.6 33.2 49.8#

151 0.0 72.6 109.0#



#12

1,1-Dichloroethene

Concen: 0.703 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV015029.D

Acq: 18 Mar 2020 21:37

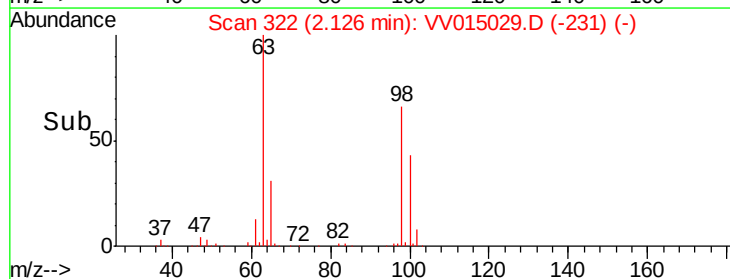
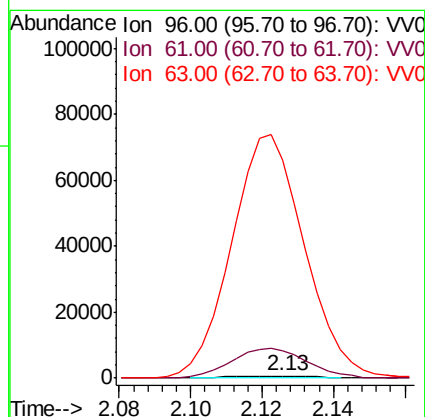
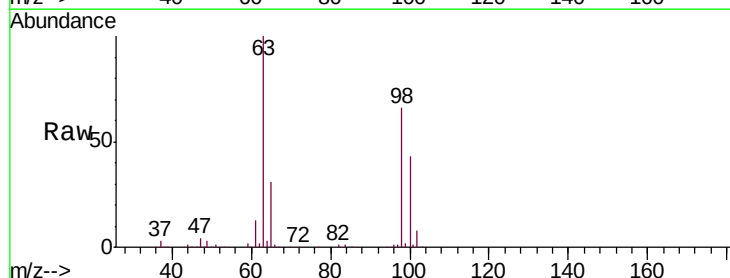
Tgt Ion: 96 Resp: 971

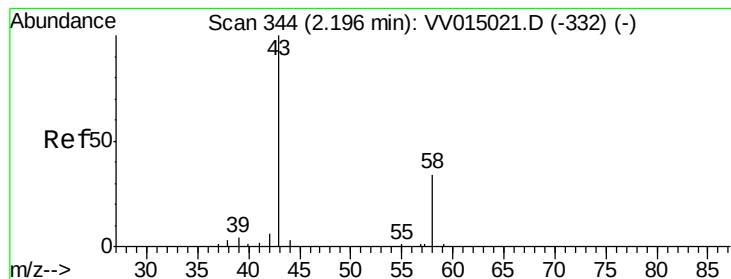
Ion Ratio Lower Upper

96 100

61 1242.1 105.6 196.2#

63 9725.7 75.9 140.9#





#13

Acetone

Concen: 3.225 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

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Acq: 18 Mar 2020 21:37

Instrument :

MSVOA_V

ClientSampleId :

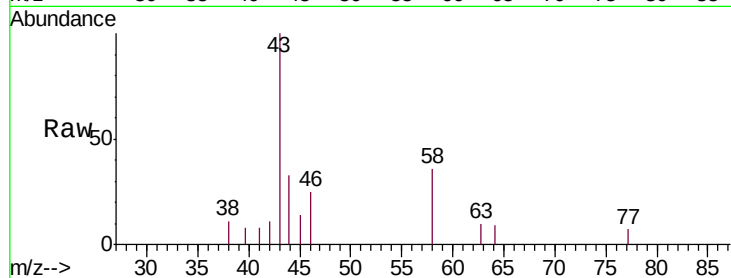
C0DN0

Tgt Ion: 43 Resp: 2884

Ion Ratio Lower Upper

43 100

58 37.6 0.0 43.2



Abundance Ion 43.00 (42.70 to 43.70): VV015021.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV015021.D (-332) (-)

2.20

1500

1000

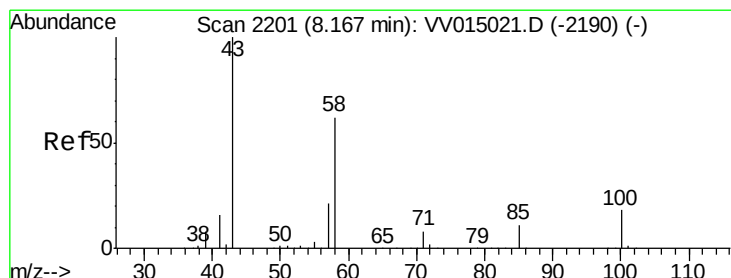
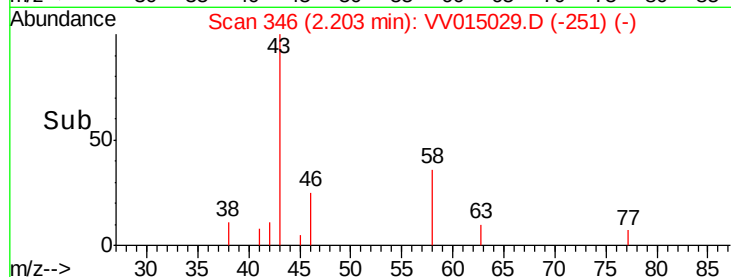
500

0

2.15

2.20

Time-->



#48

2-Hexanone

Concen: 6.280 ug/L

RT: 8.12 min Scan# 2187

Delta R.T. -0.04 min

Lab File: VV015029.D

Acq: 18 Mar 2020 21:37

Tgt Ion: 43 Resp: 12715

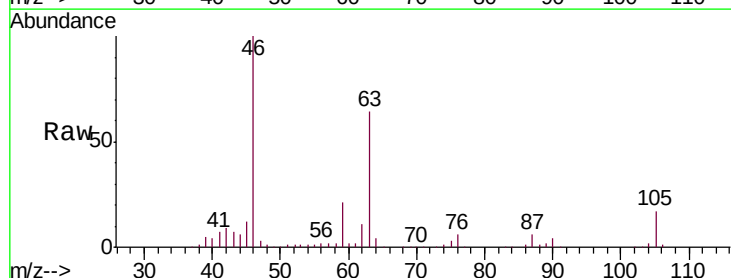
Ion Ratio Lower Upper

43 100

58 36.4 48.2 72.2#

57 22.7 15.8 23.6

100 0.4 12.6 19.0#



Abundance Ion 43.00 (42.70 to 43.70): VV015021.D (-2190) (-)

Ion 58.00 (57.70 to 58.70): VV015021.D (-2190) (-)

Ion 57.00 (56.70 to 57.70): VV015021.D (-2190) (-)

Ion 100.00 (99.70 to 100.70): VV015021.D (-2190) (-)

8000

6000

4000

2000

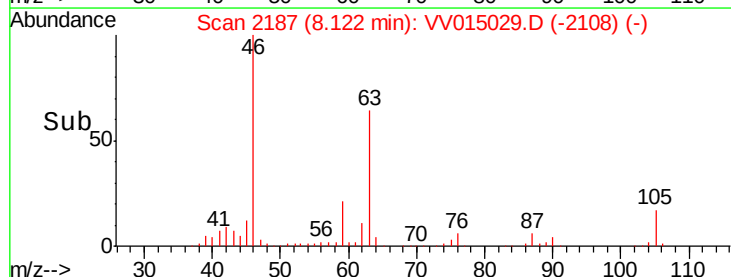
0

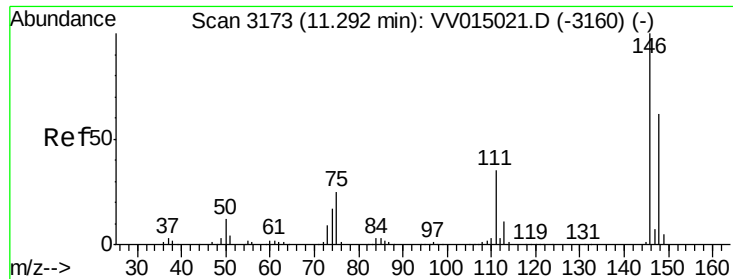
8.10

8.12

8.15

Time-->

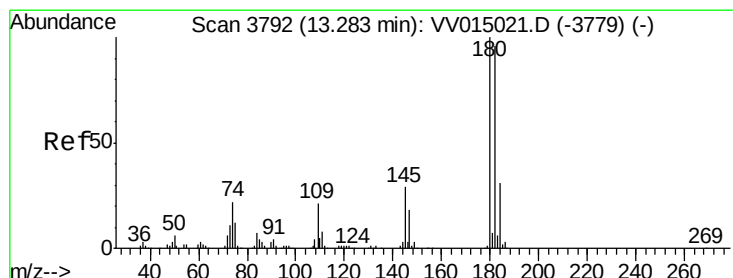
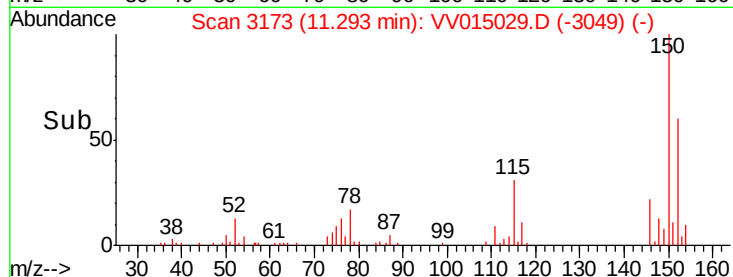
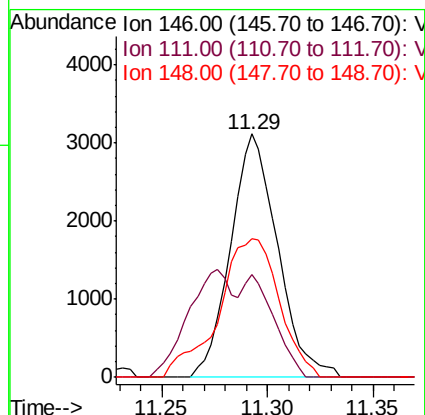
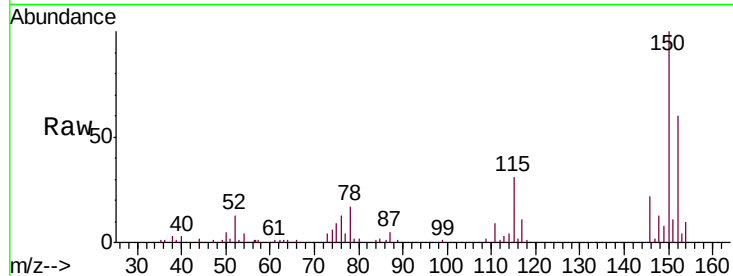




#63
 1,4-Dichlorobenzene
 Concen: 0.957 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV015029.D
 Acq: 18 Mar 2020 21:37

Instrument :
 MSVOA_V
 ClientSampleID :
 CODN0

Tgt Ion:146 Resp: 4816
 Ion Ratio Lower Upper
 146 100
 111 42.4 25.8 48.0
 148 56.9 45.7 84.9



#68
 1,2,4-trichlorobenzene
 Concen: 0.650 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV015029.D
 Acq: 18 Mar 2020 21:37

Tgt Ion:180 Resp: 2291
 Ion Ratio Lower Upper
 180 100
 182 126.1 76.3 114.5#
 145 21.9 22.2 33.4#

