

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015239.D
 Acq On : 28 Mar 2020 11:29
 Operator : SY/MD
 Sample : VV0327WBL02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 30 02:14:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 30 02:13:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	568111	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	547850	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	236244	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	118952	51.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.20%
7) Chloroethane-d5	1.58	69	135825	54.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.94%
11) 1,1-Dichloroethene-d2	2.12	63	183031	31.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.50%
21) 2-Butanone-d5	3.94	46	325358	119.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.15%
24) Chloroform-d	4.38	84	312761	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.04%
26) 1,2-Dichloroethane-d4	5.06	65	225022	57.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.86%
32) Benzene-d6	5.08	84	536518	55.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.24%
36) 1,2-Dichloropropane-d6	6.10	67	198945	55.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.12%
41) Toluene-d8	7.34	98	461581	54.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.60%
43) trans-1,3-Dichloropropene-	7.64	79	95109	49.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.52%
47) 2-Hexanone-d5	8.12	63	241616	115.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	346020	54.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	219479	54.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.92%

Target Compounds

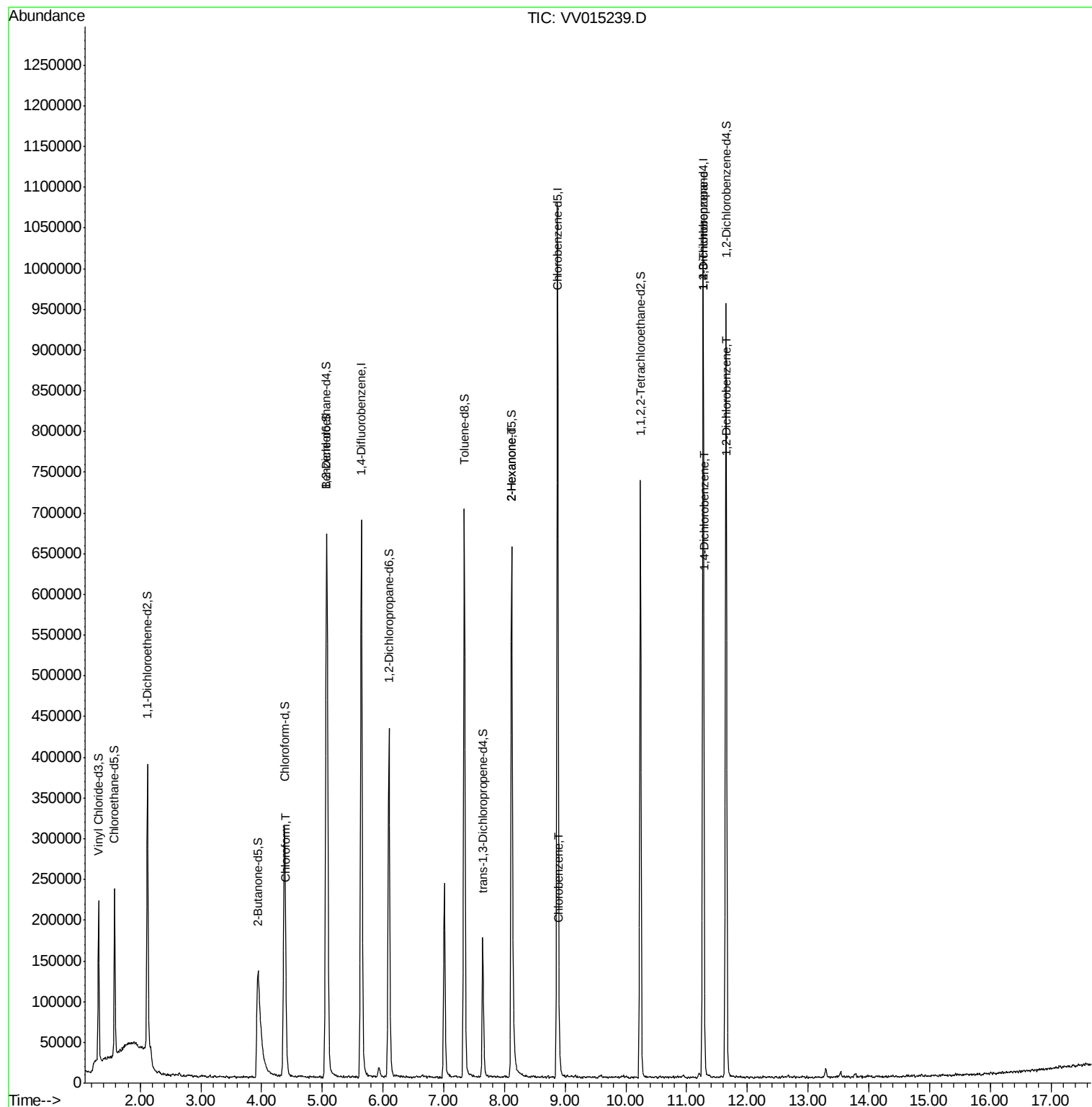
					Ovalue
25) Chloroform	4.41	83	13542	1.857 ug/L	97
48) 2-Hexanone	8.12	43	31624	7.302 ug/L #	79
51) Chlorobenzene	8.91	112	8193	0.741 ug/L	99
59) 1,2,3-Trichloropropane	11.27	75	35624	6.831 ug/L	95
63) 1,4-Dichlorobenzene	11.29	146	7543	1.021 ug/L	91
65) 1,2-Dichlorobenzene	11.67	146	5737	0.761 ug/L #	86

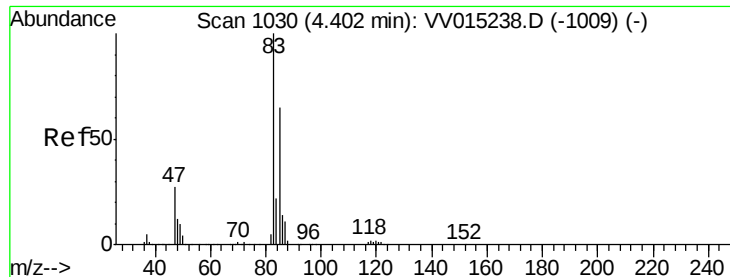
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 30 02:13:00 2020
Response via : Initial Calibration





#25

Chloroform

Concen: 1.857 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV015239.D

Acq: 28 Mar 2020 11:29

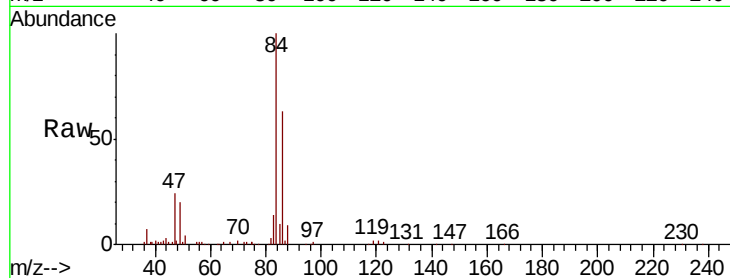
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 13542

Ion Ratio Lower Upper

83 100

85 68.3 46.2 85.8



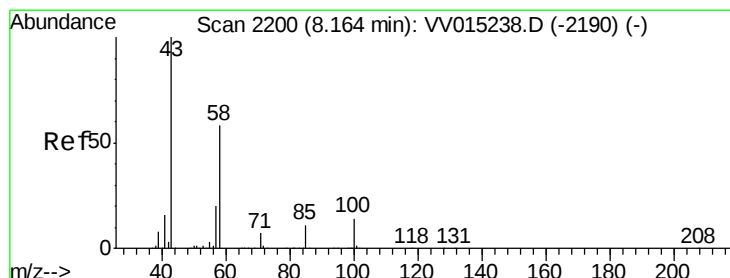
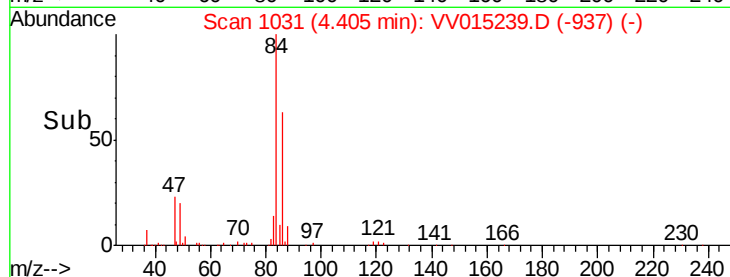
Abundance Ion 83.00 (82.70 to 83.70): VV015238.D (-1009) (-)

Ion 85.00 (84.70 to 85.70): VV015238.D (-1009) (-)

4.41

4.35 4.40 4.45 4.50

Time-->



#48

2-Hexanone

Concen: 7.302 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.04 min

Lab File: VV015239.D

Acq: 28 Mar 2020 11:29

Tgt Ion: 43 Resp: 31624

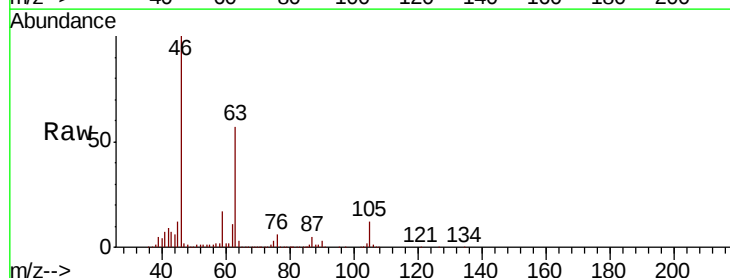
Ion Ratio Lower Upper

43 100

58 37.9 45.5 68.3#

57 19.7 15.8 23.6

100 0.1 10.9 16.3#



Abundance Ion 43.00 (42.70 to 43.70): VV015238.D (-2190) (-)

Ion 58.00 (57.70 to 58.70): VV015238.D (-2190) (-)

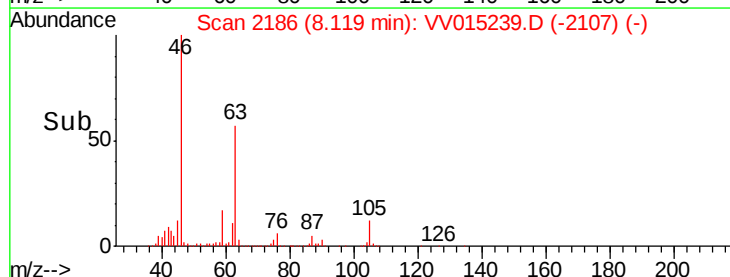
Ion 57.00 (56.70 to 57.70): VV015238.D (-2190) (-)

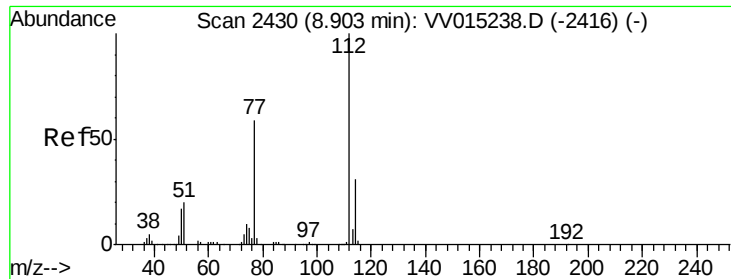
Ion 100.00 (99.70 to 100.70): VV015238.D (-2190) (-)

8.12

8.05 8.10 8.15

Time-->





#51

Chlorobenzene

Concen: 0.741 ug/L

RT: 8.91 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VV015239.D

Acq: 28 Mar 2020 11:29

Instrument :

MSVOA_V

ClientSampleId :

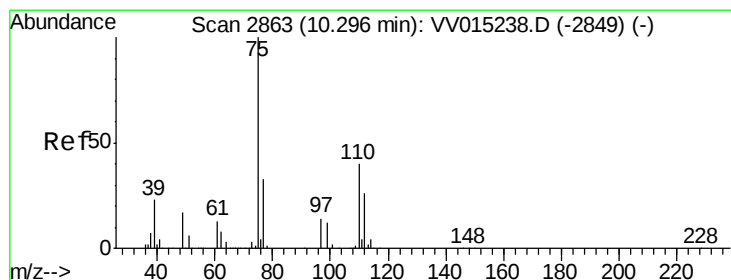
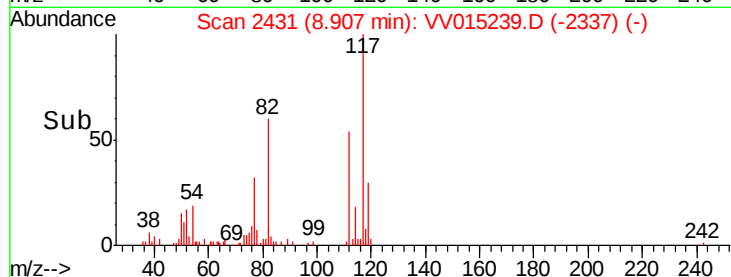
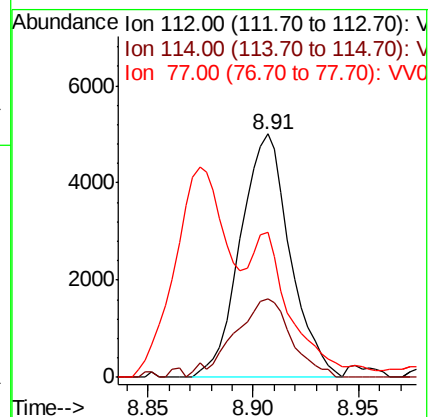
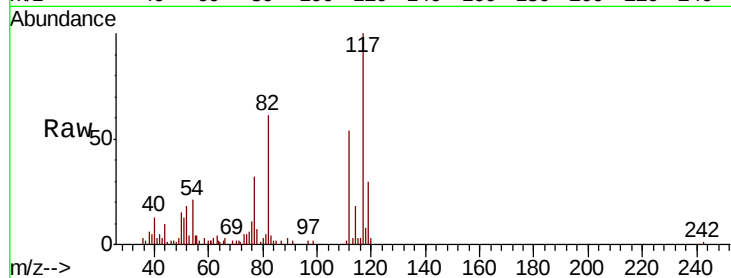
Tot Ion:112 Resp: 8193

Ion Ratio Lower Upper

112 100

114 32.4 22.3 41.5

77 59.8 48.2 72.2



#59

1,2,3-Trichloropropane

Concen: 6.831 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV015239.D

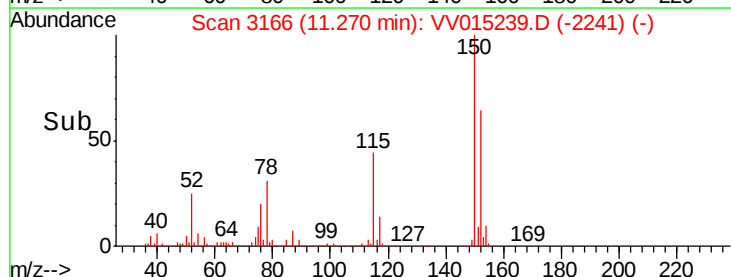
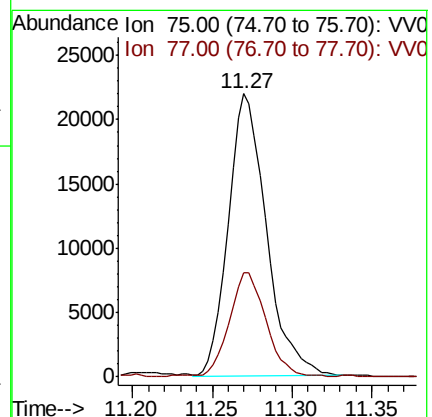
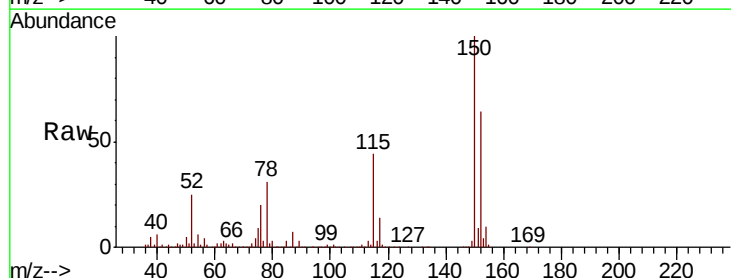
Acq: 28 Mar 2020 11:29

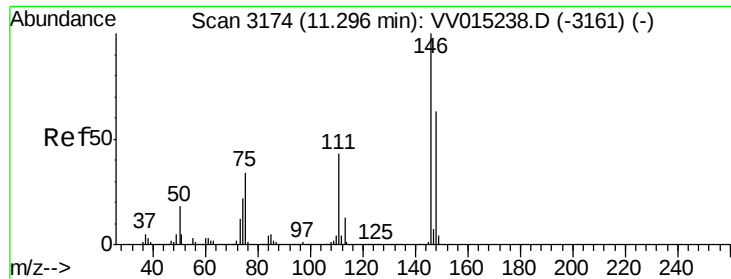
Tgt Ion: 75 Resp: 35624

Ion Ratio Lower Upper

75 100

77 35.4 26.0 39.0

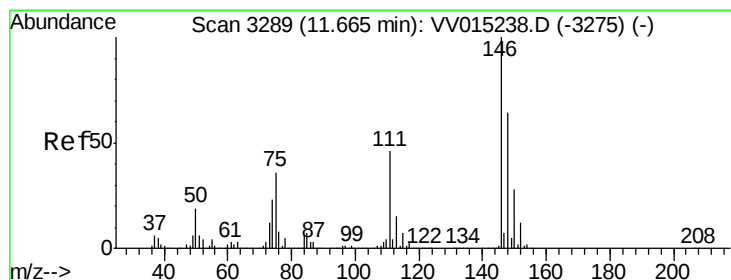
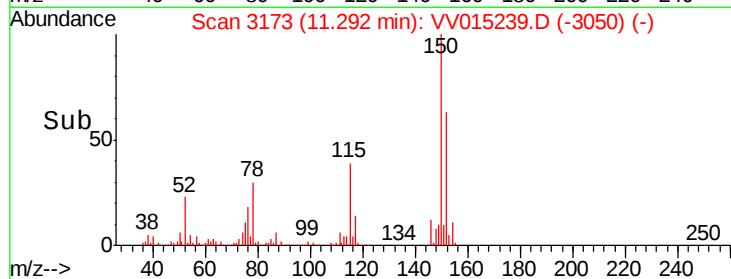
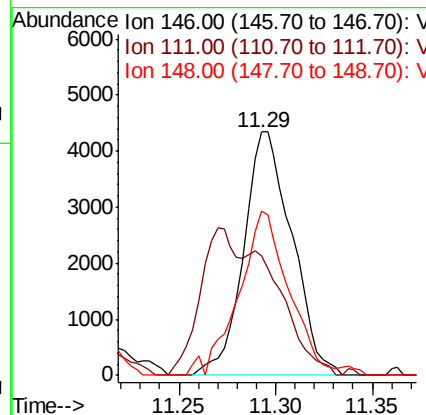
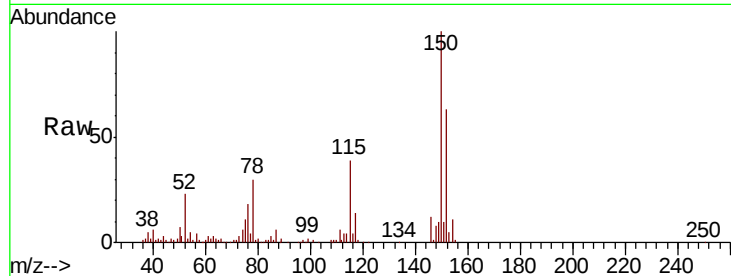




#63
 1,4-Dichlorobenzene
 Concen: 1.021 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: VV015239.D
 Acq: 28 Mar 2020 11:29

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:146 Resp: 7543
 Ion Ratio Lower Upper
 146 100
 111 48.9 29.4 54.6
 148 67.7 43.6 81.0



#65
 1,2-Dichlorobenzene
 Concen: 0.761 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV015239.D
 Acq: 28 Mar 2020 11:29

Tgt Ion:146 Resp: 5737
 Ion Ratio Lower Upper
 146 100
 111 63.6 37.6 56.4#
 148 58.6 50.6 76.0

