

Data File : VV014996.D
Acq On : 18 Mar 2020 00:46
Operator : SY/MD
Sample : L1940-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DA0

Quant Time: Mar 18 07:45:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 07:43:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	318338	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	307212	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	150061	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71722	33.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.64%
7) Chloroethane-d5	1.58	69	61159	38.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.66%
11) 1,1-Dichloroethene-d2	2.12	63	98183	30.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.34%
21) 2-Butanone-d5	3.94	46	92449	71.49	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.49%
24) Chloroform-d	4.38	84	193720	43.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.68%
26) 1,2-Dichloroethane-d4	5.06	65	130331	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
32) Benzene-d6	5.08	84	391435	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.50%
36) 1,2-Dichloropropane-d6	6.10	67	115062	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.32%
41) Toluene-d8	7.34	98	373806	44.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.32%
43) trans-1,3-Dichloropropene-	7.64	79	56572	42.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.44%
47) 2-Hexanone-d5	8.12	63	104826	92.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.15%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	175018	47.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	160769	48.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.82%

Target Compounds

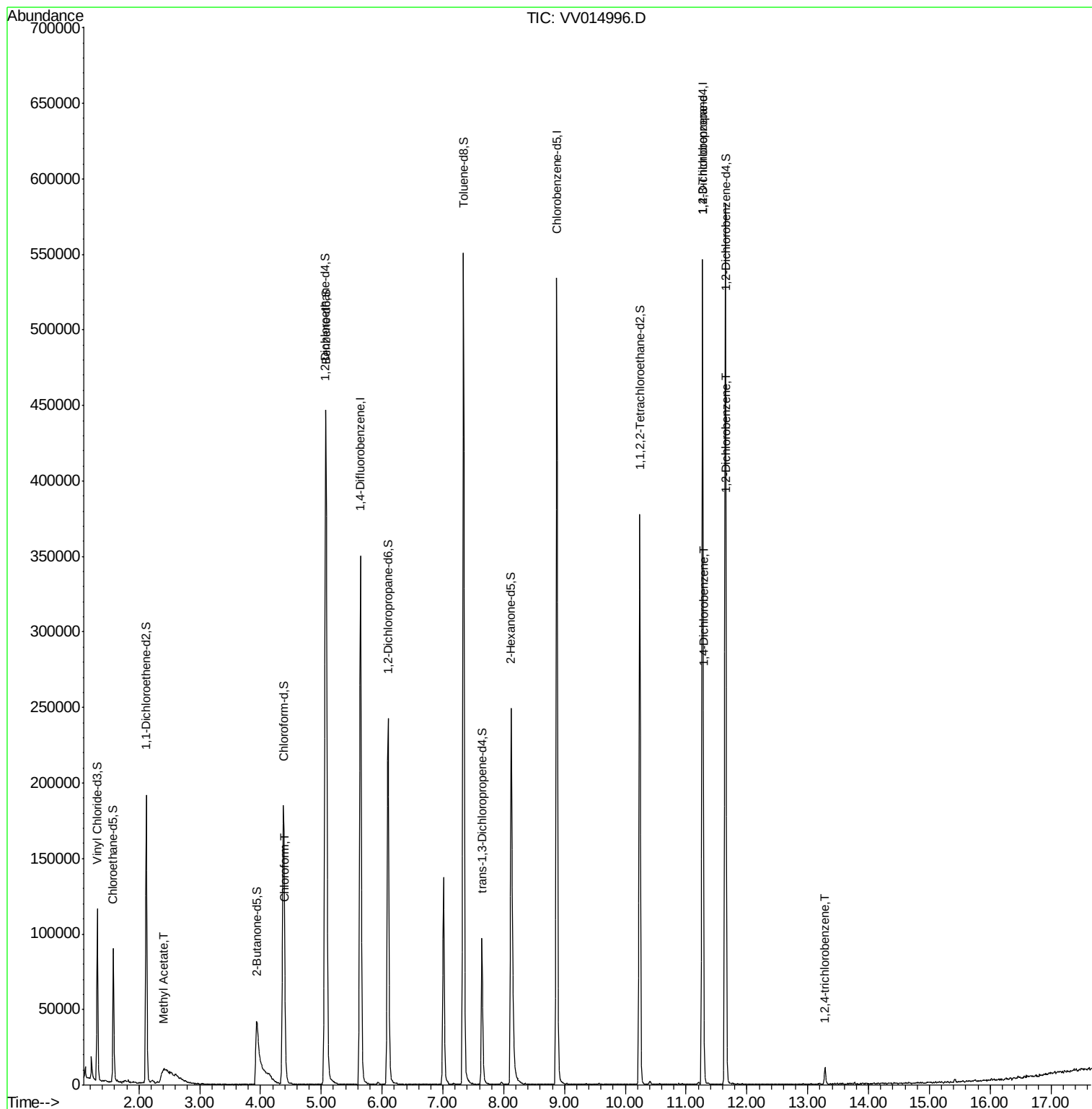
					Qvalue
15) Methyl Acetate	2.41	43	1525	0.924 ug/L	# 47
25) Chloroform	4.41	83	5936	1.424 ug/L	82
59) 1,2,3-Trichloropropane	11.27	75	15633	5.443 ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	5247	1.053 ug/L	93
65) 1,2-Dichlorobenzene	11.67	146	3718	0.753 ug/L	94
68) 1,2,4-trichlorobenzene	13.29	180	4015	1.162 ug/L	96

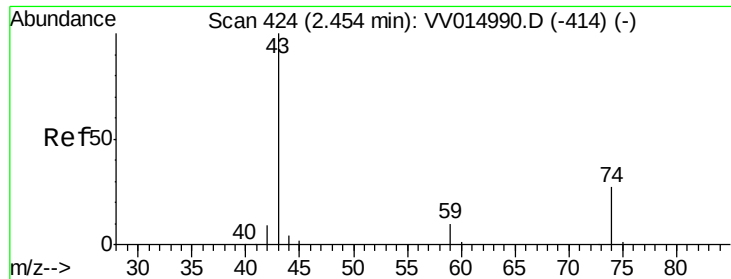
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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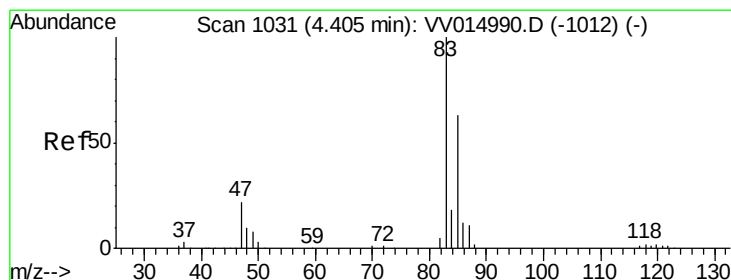
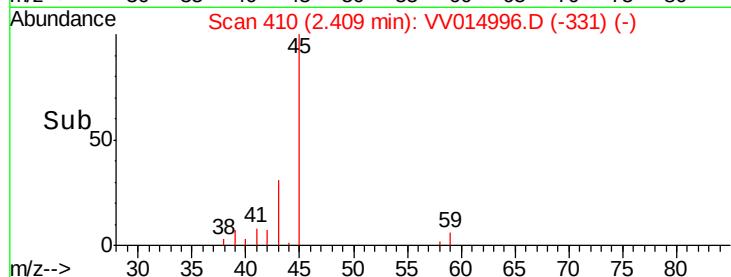
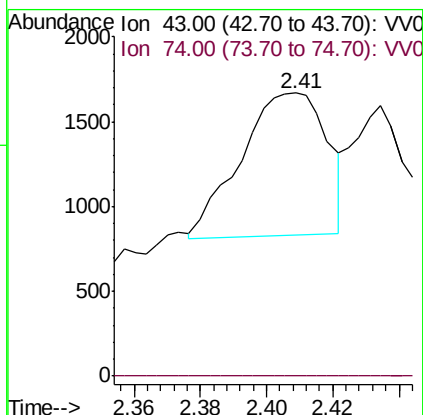
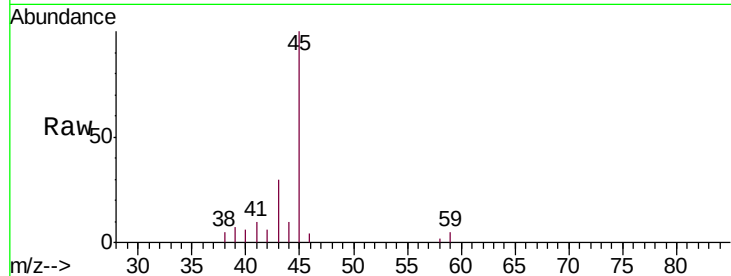




#15
Methyl Acetate
Concen: 0.924 ug/L
RT: 2.41 min Scan# 410
Delta R.T. -0.04 min
Lab File: VV014996.D
Acq: 18 Mar 2020 00:46

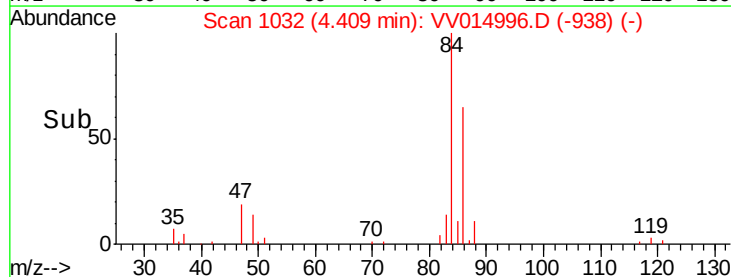
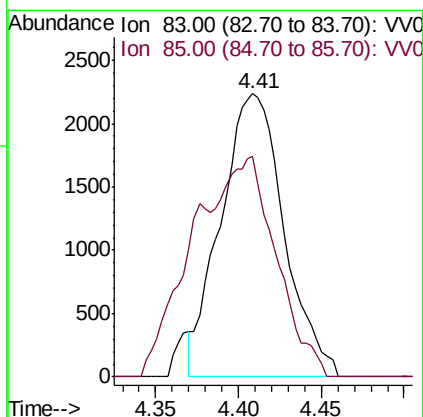
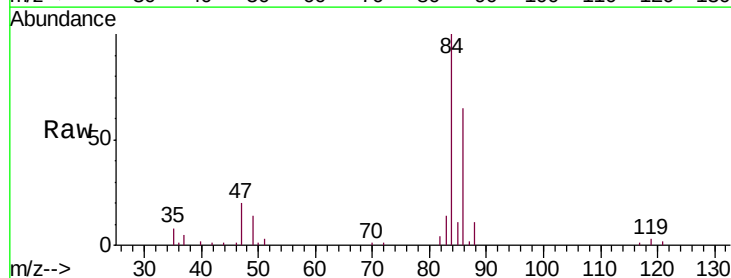
Instrument :
MSVOA_V
ClientSampleId :
C0DA0

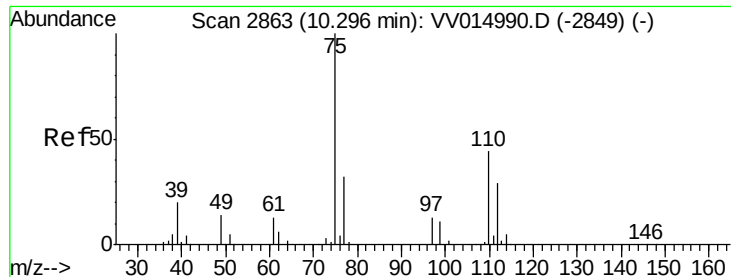
Tgt Ion: 43 Resp: 1525
Ion Ratio Lower Upper
43 100
74 0.0 22.4 33.6#



#25
Chloroform
Concen: 1.424 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VV014996.D
Acq: 18 Mar 2020 00:46

Tgt Ion: 83 Resp: 5936
Ion Ratio Lower Upper
83 100
85 78.1 44.6 82.8





#59

1,2,3-Trichloropropane

Concen: 5.443 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV014996.D

Acq: 18 Mar 2020 00:46

Instrument :

MSVOA_V

ClientSampled :

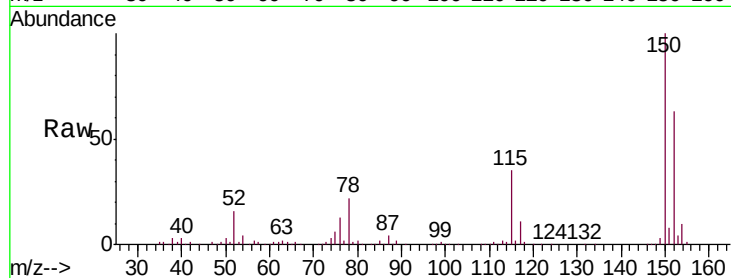
C0DA0

Tgt Ion: 75 Resp: 15633

Ion Ratio Lower Upper

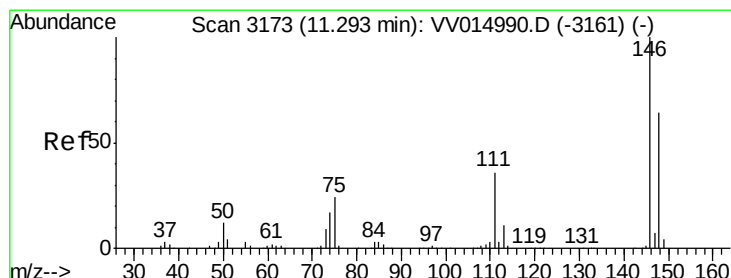
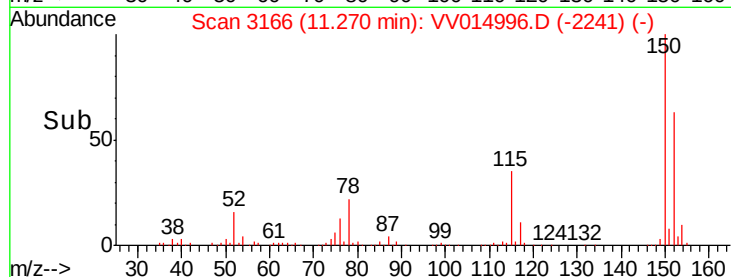
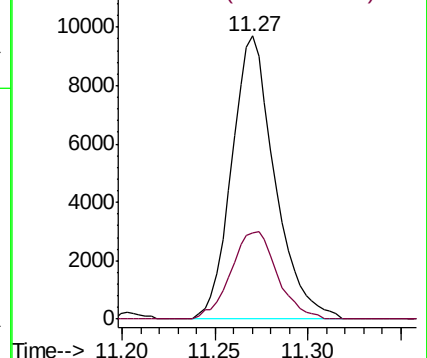
75 100

77 33.3 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#63

1,4-Dichlorobenzene

Concen: 1.053 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.00 min

Lab File: VV014996.D

Acq: 18 Mar 2020 00:46

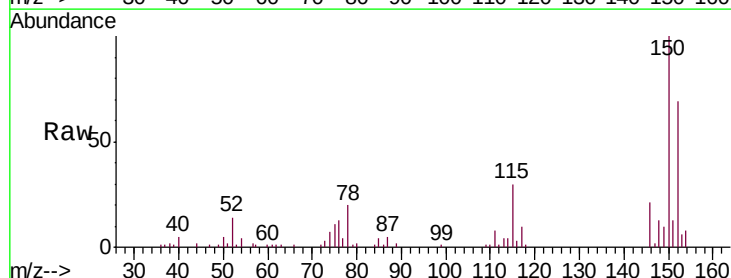
Tgt Ion: 146 Resp: 5247

Ion Ratio Lower Upper

146 100

111 39.7 26.0 48.2

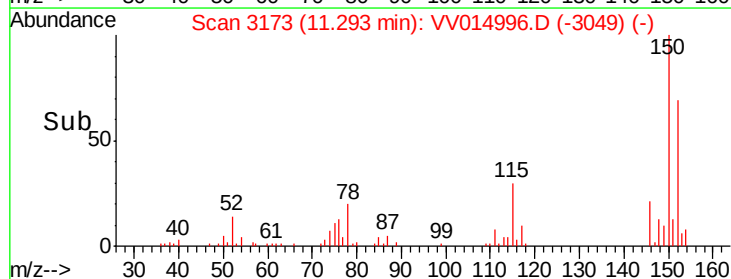
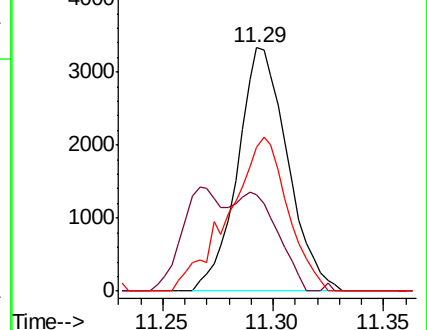
148 59.2 46.1 85.5

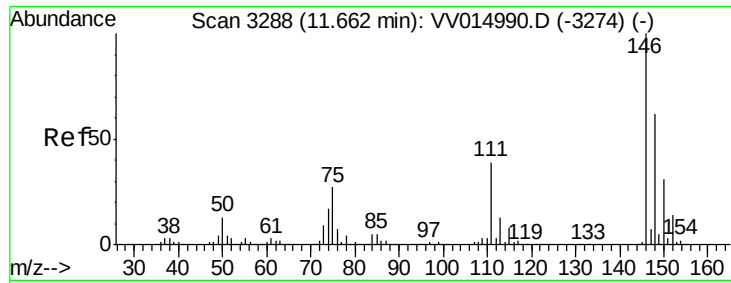


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

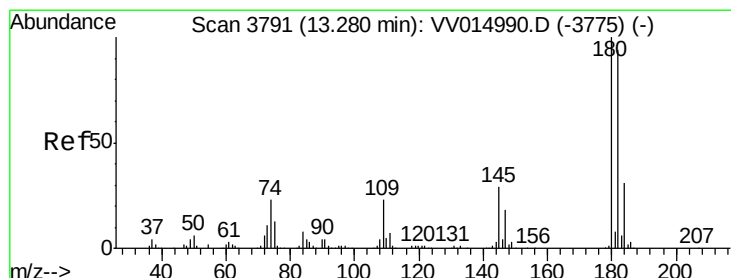
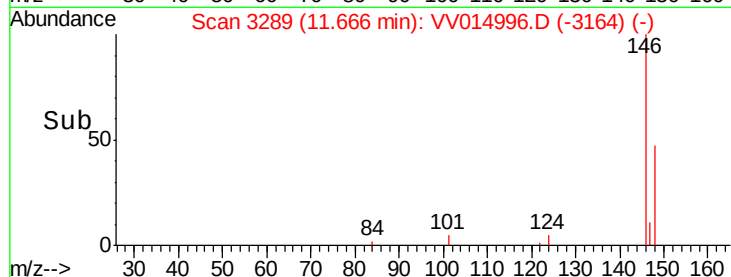
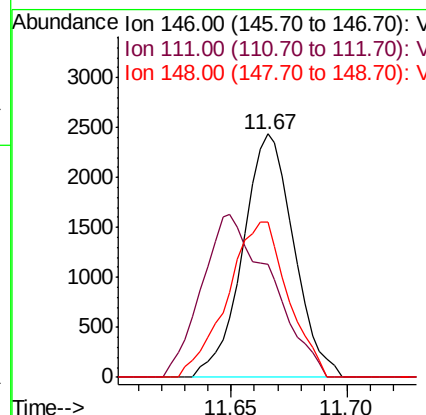
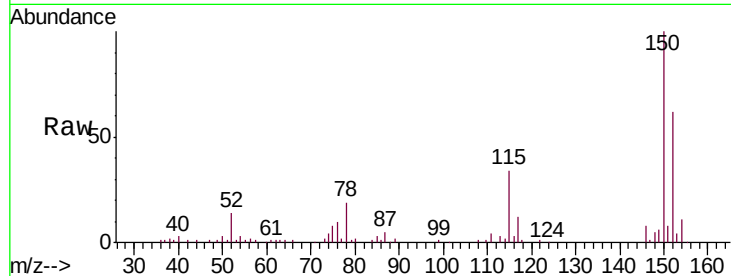




#65
 1,2-Dichlorobenzene
 Concen: 0.753 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV014996.D
 Acq: 18 Mar 2020 00:46

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 MSVOA_V
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 C0DA0

Tgt Ion:146 Resp: 3718
 Ion Ratio Lower Upper
 146 100
 111 46.5 31.6 47.4
 148 63.7 52.2 78.4



#68
 1,2,4-trichlorobenzene
 Concen: 1.162 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.01 min
 Lab File: VV014996.D
 Acq: 18 Mar 2020 00:46

Tgt Ion:180 Resp: 4015
 Ion Ratio Lower Upper
 180 100
 182 92.9 76.3 114.5
 145 33.1 23.1 34.7

