

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031020\
 Data File : VV014809.D
 Acq On : 10 Mar 2020 18:14
 Operator : SY/MD
 Sample : L1834-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 11 03:51:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 11 03:49:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	392587	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	378585	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	181463	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93483	35.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.38%
7) Chloroethane-d5	1.58	69	81644	38.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.74%
11) 1,1-Dichloroethene-d2	2.12	63	128500	29.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.22%#
21) 2-Butanone-d5	3.93	46	128095	64.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	64.65%
24) Chloroform-d	4.38	84	225248	44.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.54%
26) 1,2-Dichloroethane-d4	5.06	65	155104	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.78%
32) Benzene-d6	5.08	84	459421	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.92%
36) 1,2-Dichloropropane-d6	6.10	67	144767	43.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.38%
41) Toluene-d8	7.34	98	433614	44.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.58%
43) trans-1,3-Dichloropropene-	7.64	79	65093	40.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.48%
47) 2-Hexanone-d5	8.12	63	140852	95.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.75%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	205056	44.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	177233	49.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.56%

Target Compounds

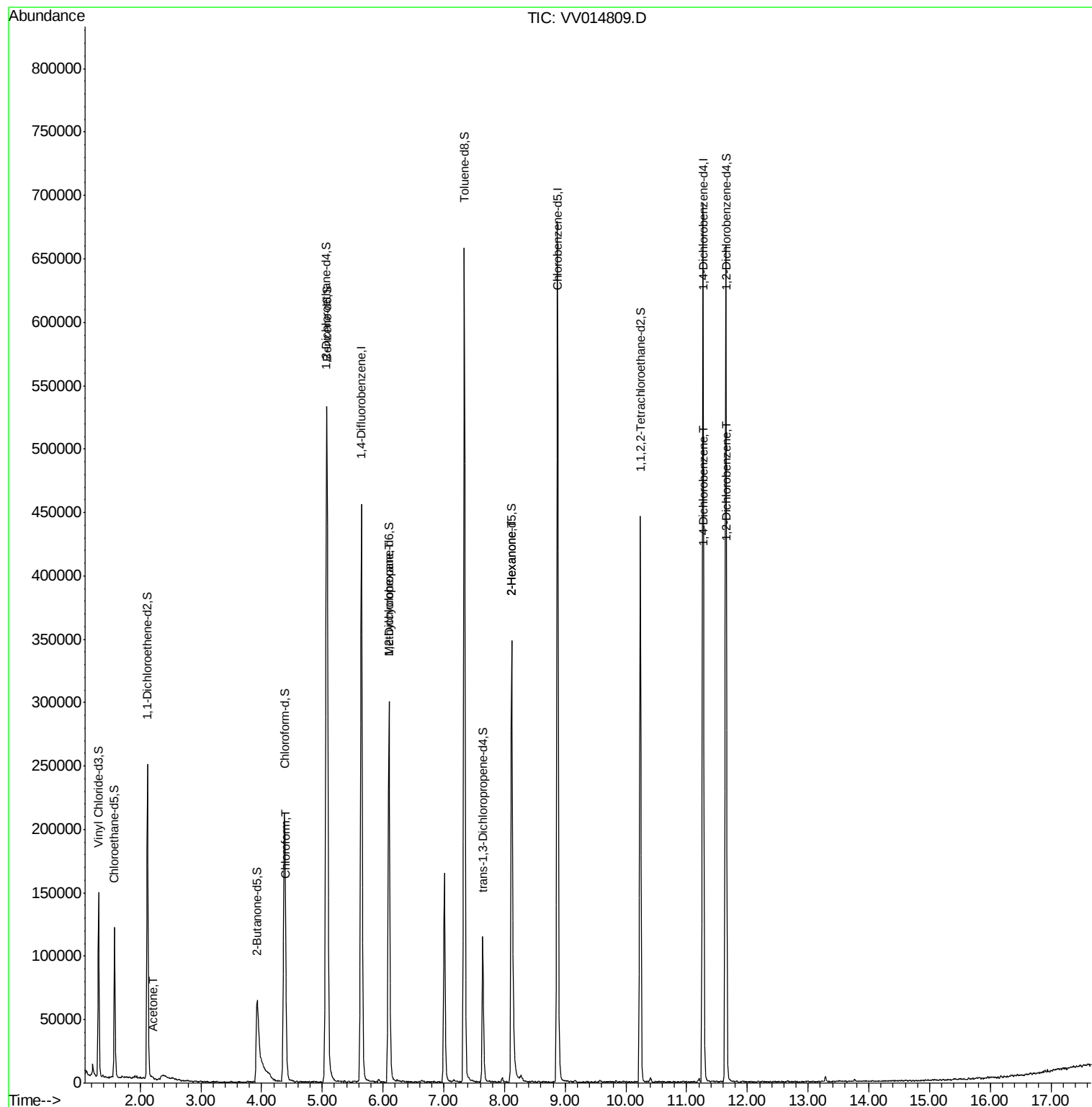
					Ovalue
13) Acetone	2.20	43	1670	1.009 ug/L	65
25) Chloroform	4.41	83	7924	1.486 ug/L	85
35) Methylcyclohexane	6.10	83	36780	7.774 ug/L #	18
48) 2-Hexanone	8.12	43	17842	5.282 ug/L #	75
63) 1,4-Dichlorobenzene	11.29	146	5272	0.892 ug/L	93
65) 1,2-Dichlorobenzene	11.67	146	4998	0.856 ug/L	94

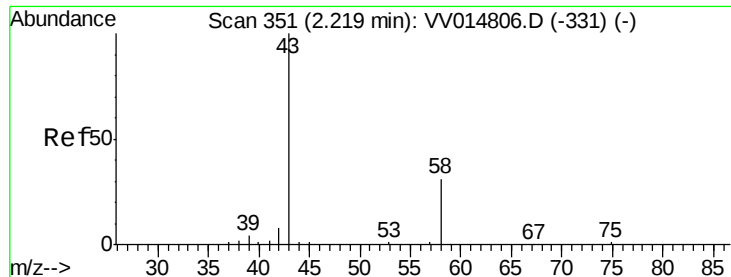
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 11 03:49:31 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.009 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.02 min

Lab File: VV014809.D

Acq: 10 Mar 2020 18:14

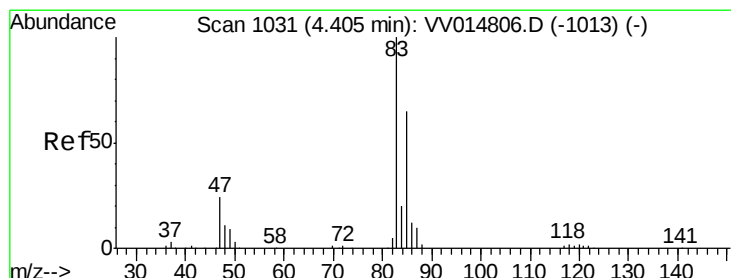
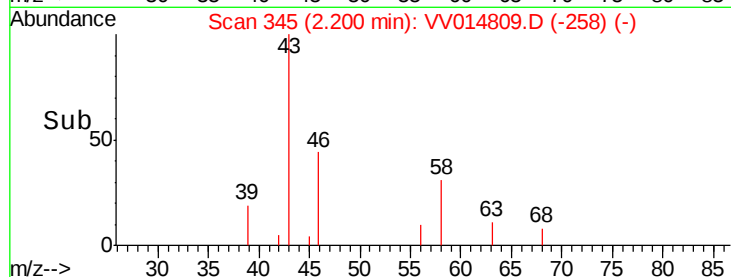
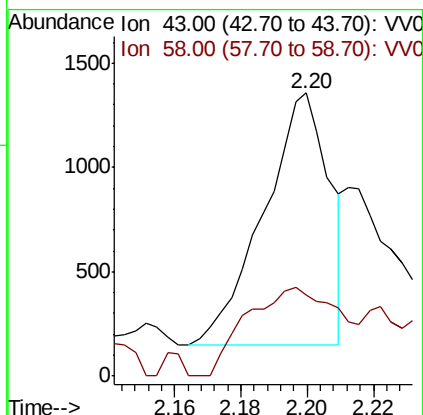
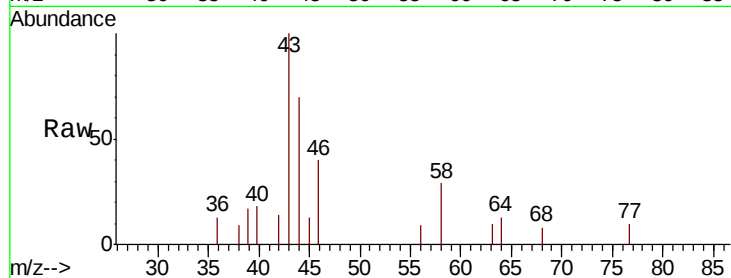
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 1670

Ion Ratio Lower Upper

43 100

58 50.3 0.0 62.2



#25

Chloroform

Concen: 1.486 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV014809.D

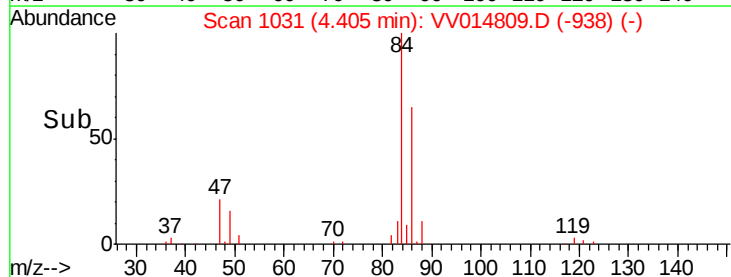
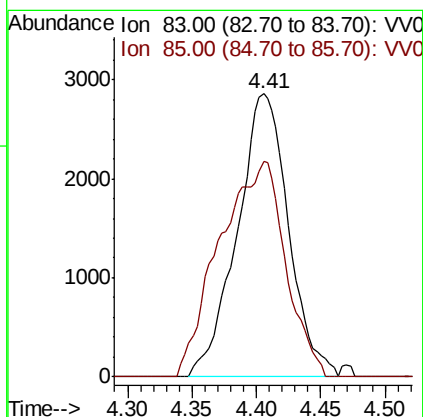
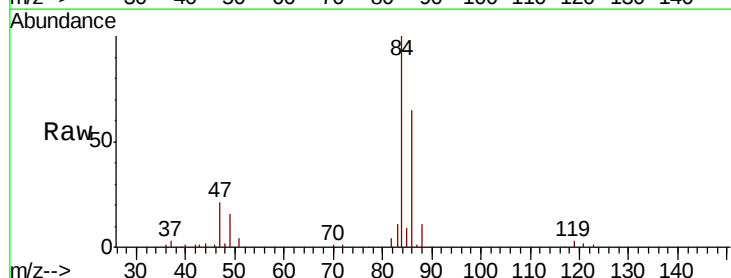
Acq: 10 Mar 2020 18:14

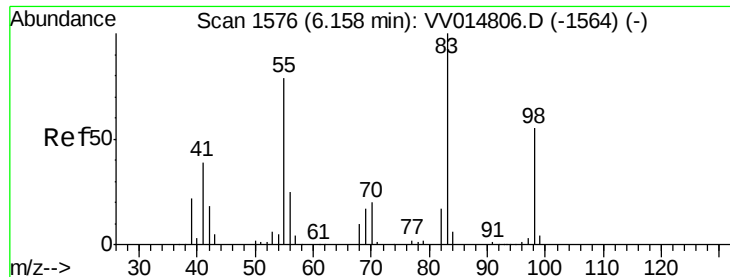
Tgt Ion: 83 Resp: 7924

Ion Ratio Lower Upper

83 100

85 76.2 45.1 83.9

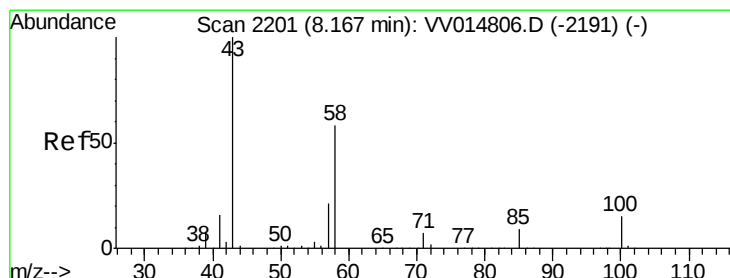
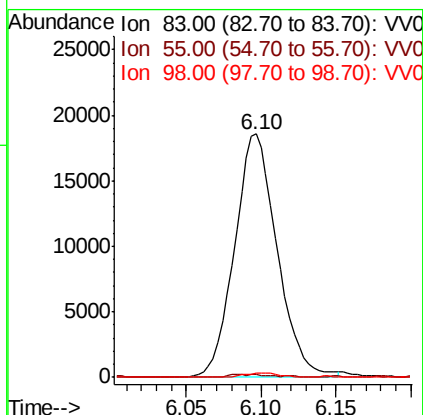
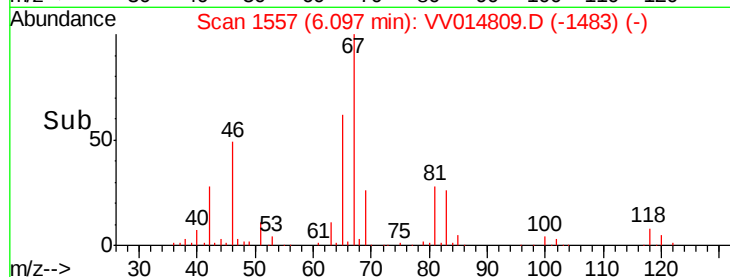
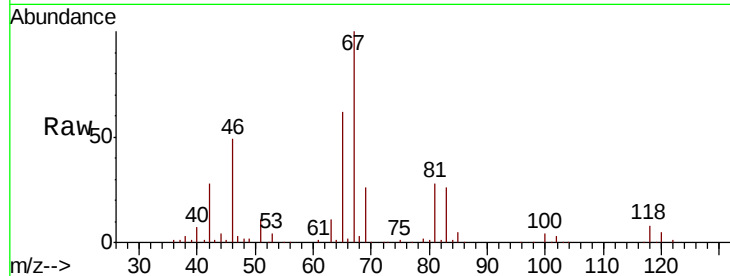




#35
Methvlcvclohexane
Concen: 7.774 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV014809.D
Acq: 10 Mar 2020 18:14

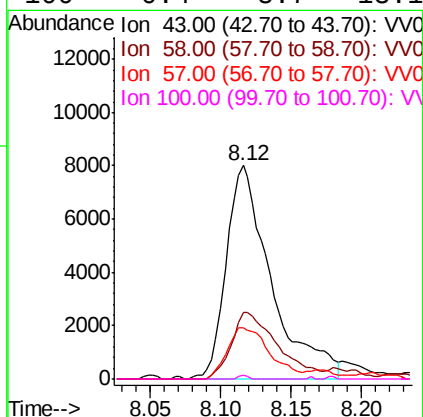
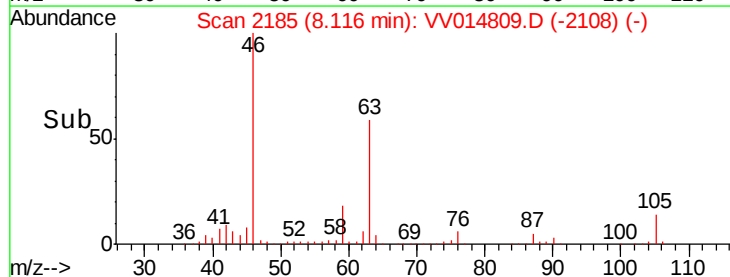
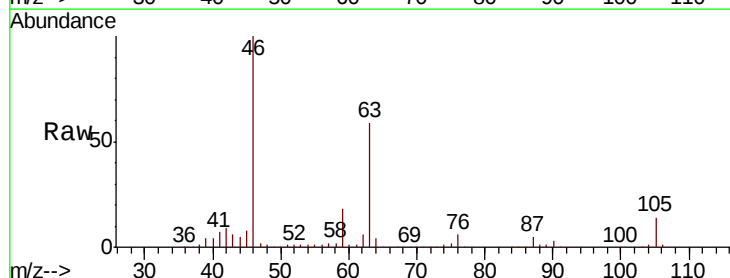
Instrument :
MSVOA_V
ClientSampleId :

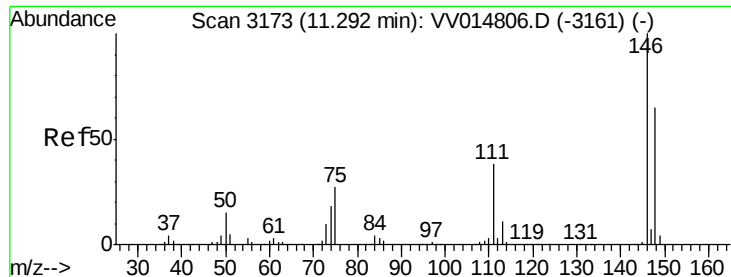
Tot Ion: 83 Resp: 36780
Ion Ratio Lower Upper
83 100
55 0.5 63.4 95.2#
98 1.5 36.8 55.2#



#48
2-Hexanone
Concen: 5.282 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV014809.D
Acq: 10 Mar 2020 18:14

Tgt Ion: 43 Resp: 17842
Ion Ratio Lower Upper
43 100
58 32.2 43.3 64.9#
57 22.8 15.6 23.4
100 0.4 8.7 13.1#





#63

1,4-Dichlorobenzene

Concen: 0.892 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. -0.00 min

Lab File: VV014809.D

Acq: 10 Mar 2020 18:14

Instrument :

MSVOA_V

ClientSampled :

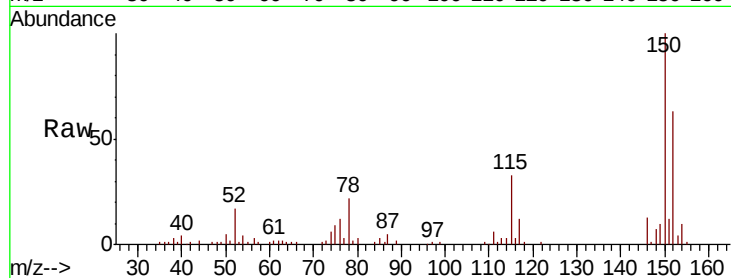
Tot Ion:146 Resp: 5272

Ion Ratio Lower Upper

146 100

111 44.2 26.3 48.9

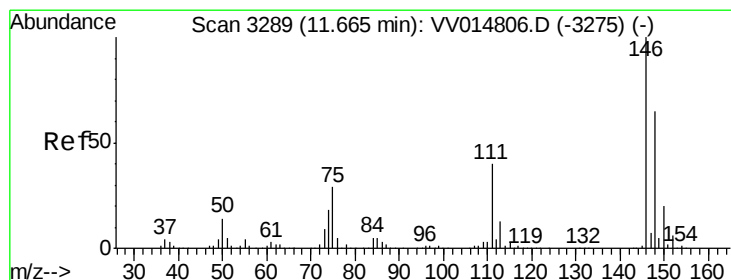
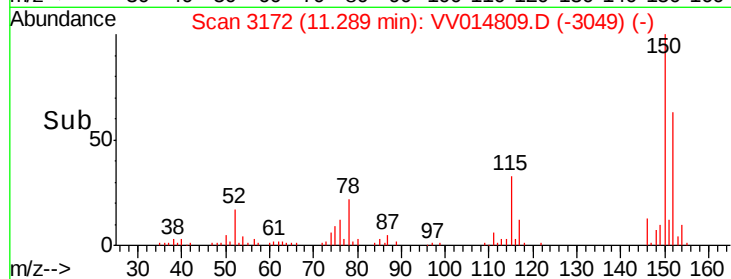
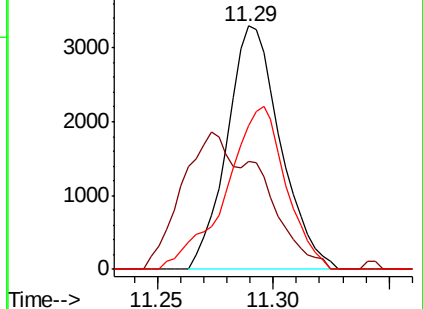
148 58.8 44.0 81.8



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: 0.856 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV014809.D

Acq: 10 Mar 2020 18:14

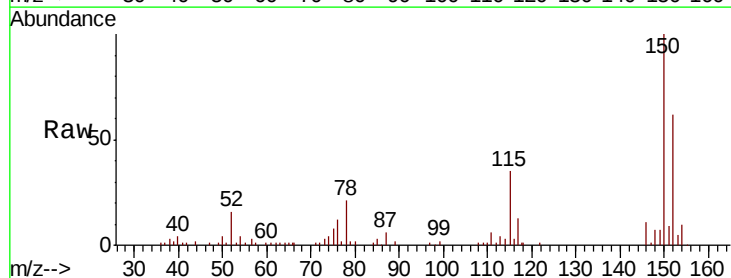
Tgt Ion:146 Resp: 4998

Ion Ratio Lower Upper

146 100

111 50.0 33.9 50.9

148 66.2 51.4 77.0



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

