

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031220\
 Data File : VV014891.D
 Acq On : 13 Mar 2020 00:42
 Operator : SY/MD
 Sample : L1890-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 13 04:14:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 04:10:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	377360	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	363308	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	168946	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97355	38.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.24%
7) Chloroethane-d5	1.58	69	80491	39.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.74%
11) 1,1-Dichloroethene-d2	2.12	63	129143	30.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.86%
21) 2-Butanone-d5	3.93	46	152120	79.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.87%
24) Chloroform-d	4.38	84	225876	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.42%
26) 1,2-Dichloroethane-d4	5.06	65	151049	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.98%
32) Benzene-d6	5.08	84	451182	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
36) 1,2-Dichloropropane-d6	6.10	67	139355	43.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.66%
41) Toluene-d8	7.34	98	434497	46.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.50%
43) trans-1,3-Dichloropropene-	7.64	79	57278	36.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.80%
47) 2-Hexanone-d5	8.12	63	132081	93.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.56%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	198322	45.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	175402	52.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.76%

Target Compounds

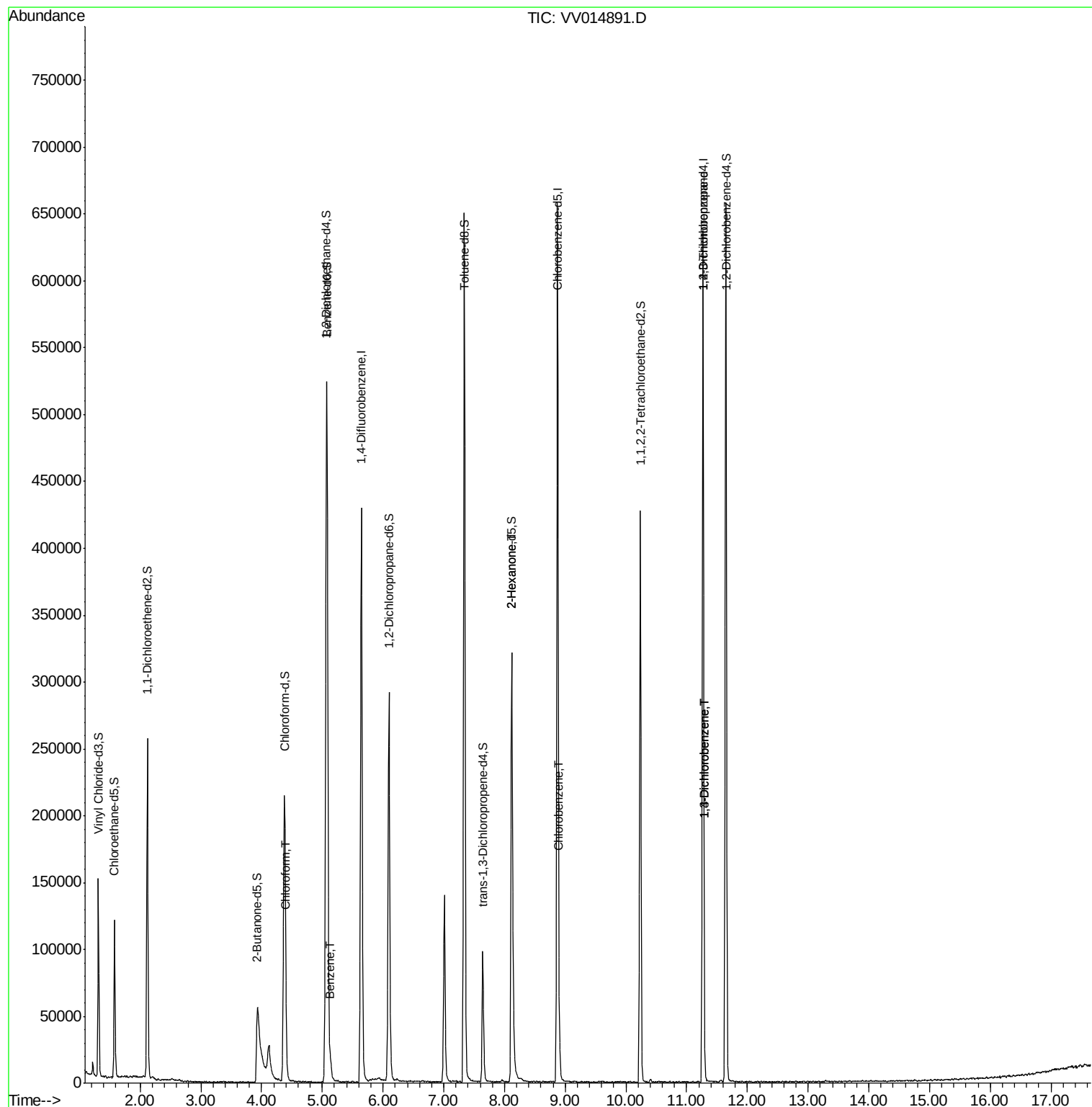
					Ovalue
25) Chloroform	4.41	83	5107	0.997 ug/L	99
33) Benzene	5.13	78	13394	1.273 ug/L	100
48) 2-Hexanone	8.12	43	16190	4.994 ug/L #	78
51) Chlorobenzene	8.90	112	12346	1.652 ug/L	100
59) 1,2,3-Trichloropropane	11.27	75	18286	5.034 ug/L	92
62) 1,3-Dichlorobenzene	11.30	146	3983	0.729 ug/L	94
63) 1,4-Dichlorobenzene	11.30	146	3983	0.724 ug/L	93

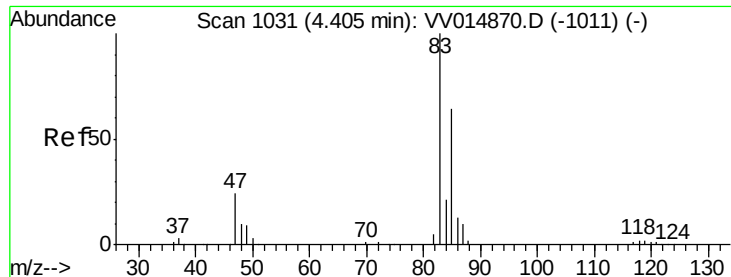
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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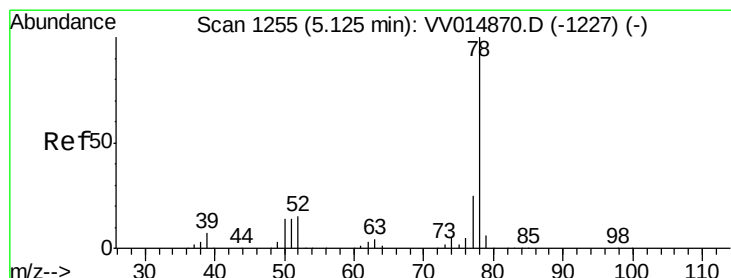
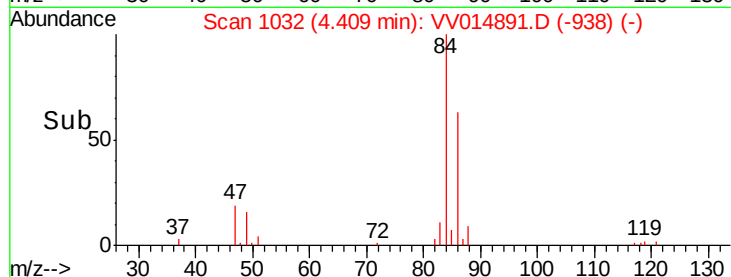
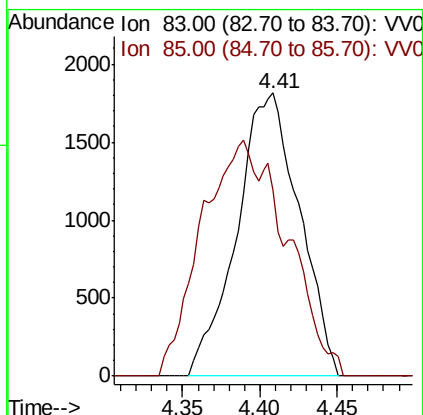
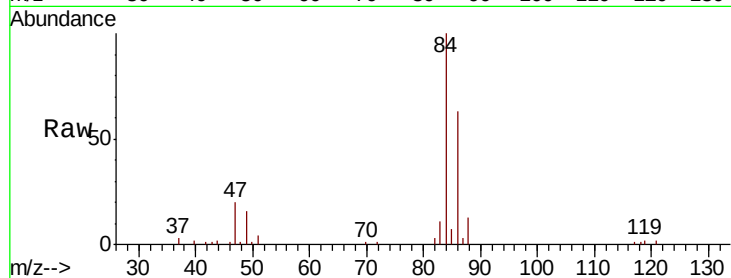




#25
Chloroform
Concen: 0.997 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VV014891.D
Acq: 13 Mar 2020 00:42

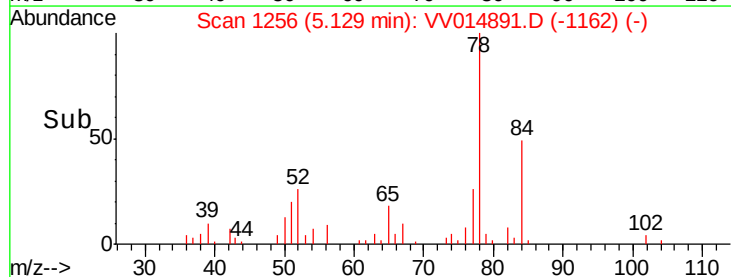
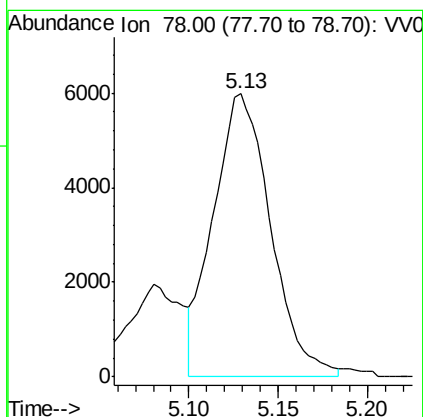
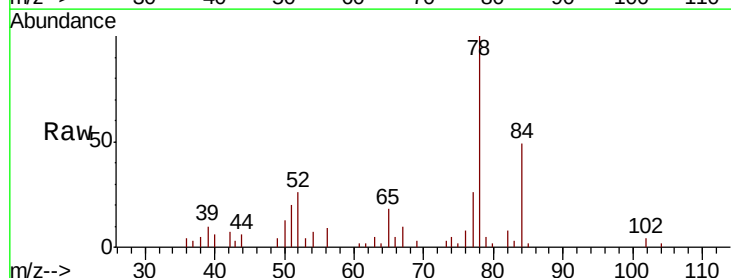
Instrument :
MSVOA_V
ClientSampled :

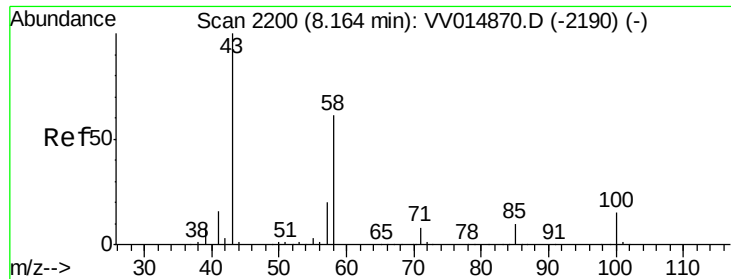
Tot Ion: 83 Resp: 5107
Ion Ratio Lower Upper
83 100
85 65.7 45.1 83.9



#33
Benzene
Concen: 1.273 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.00 min
Lab File: VV014891.D
Acq: 13 Mar 2020 00:42

Tgt Ion: 78 Resp: 13394

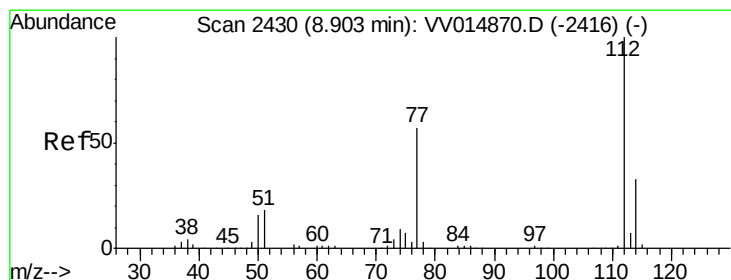
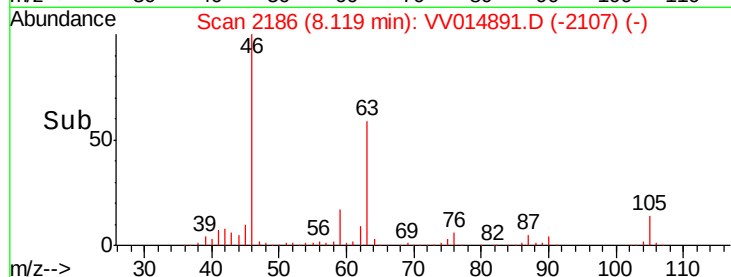
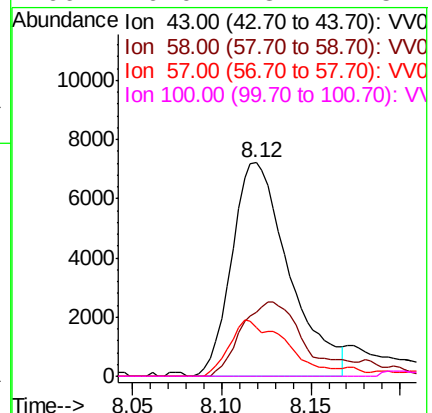
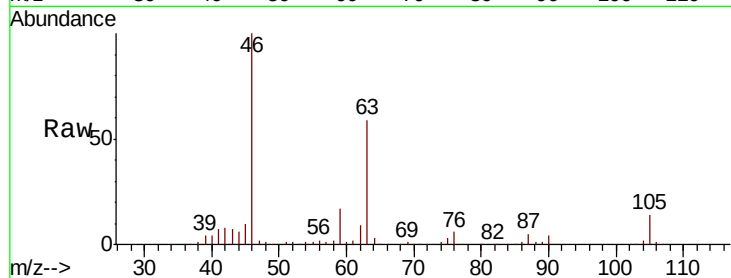




#48
2-Hexanone
Concen: 4.994 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.04 min
Lab File: VV014891.D
Acq: 13 Mar 2020 00:42

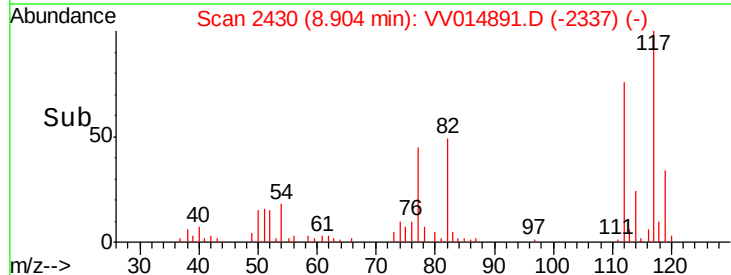
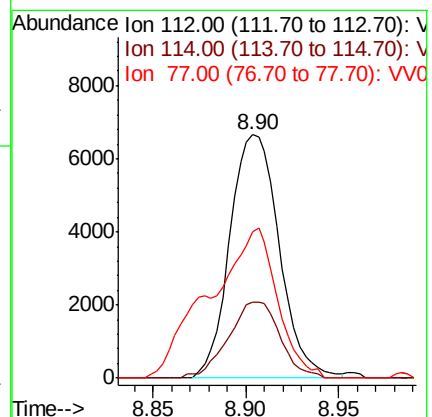
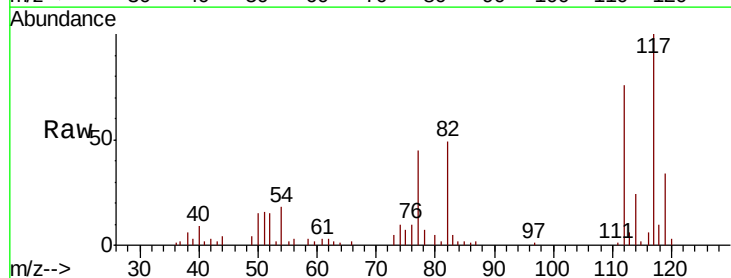
Instrument :
MSVOA_V
ClientSampleId :

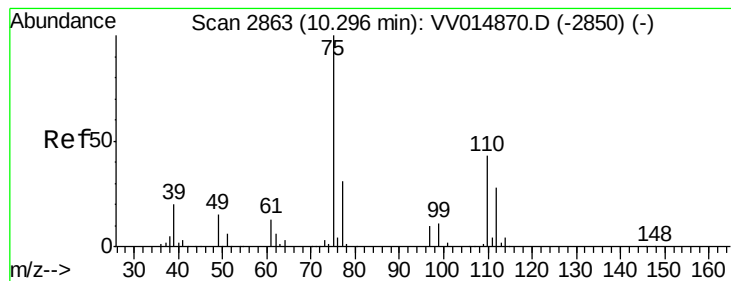
Tot Ion: 43 Resp: 16190
Ion Ratio Lower Upper
43 100
58 36.4 43.3 64.9#
57 14.0 15.6 23.4#
100 0.0 8.7 13.1#



#51
Chlorobenzene
Concen: 1.652 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV014891.D
Acq: 13 Mar 2020 00:42

Tgt Ion: 112 Resp: 12346
Ion Ratio Lower Upper
112 100
114 31.4 22.1 41.1
77 59.9 47.8 71.8





#59

1,2,3-Trichloropropane

Concen: 5.034 ug/L

RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

Lab File: VV014891.D

Acq: 13 Mar 2020 00:42

Instrument :

MSVOA_V

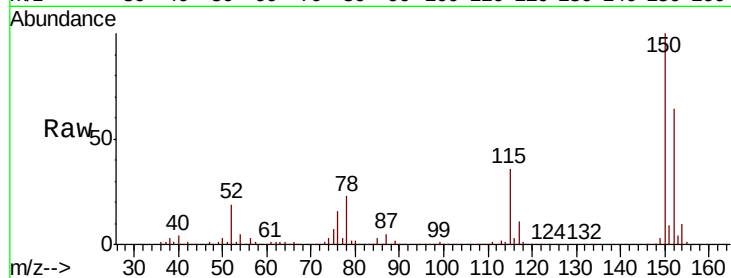
ClientSampled :

Tot Ion: 75 Resp: 18286

Ion Ratio Lower Upper

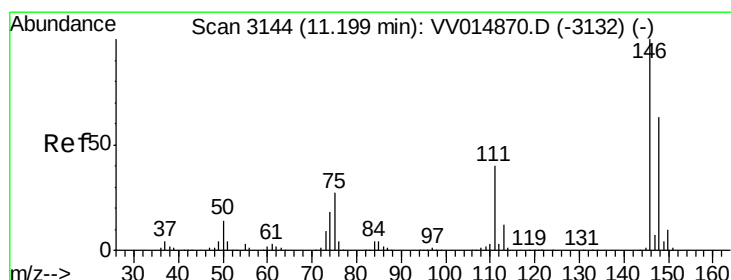
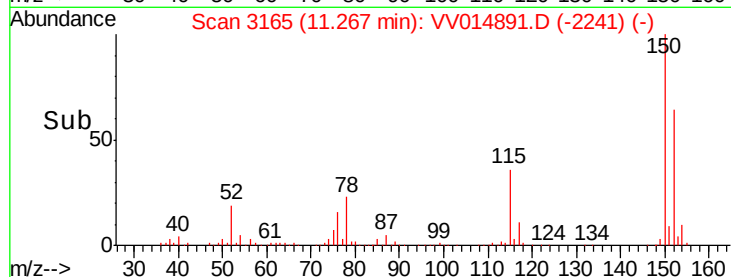
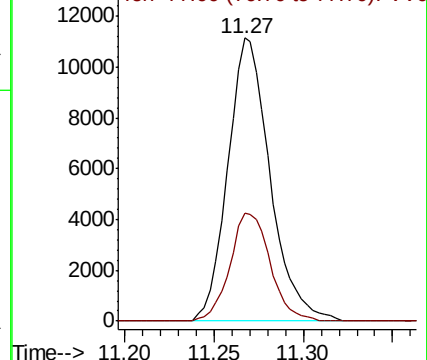
75 100

77 36.4 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#62

1,3-Dichlorobenzene

Concen: 0.729 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.10 min

Lab File: VV014891.D

Acq: 13 Mar 2020 00:42

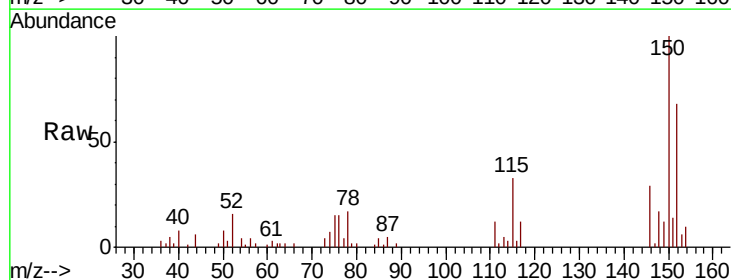
Tgt Ion: 146 Resp: 3983

Ion Ratio Lower Upper

146 100

111 40.8 27.2 50.4

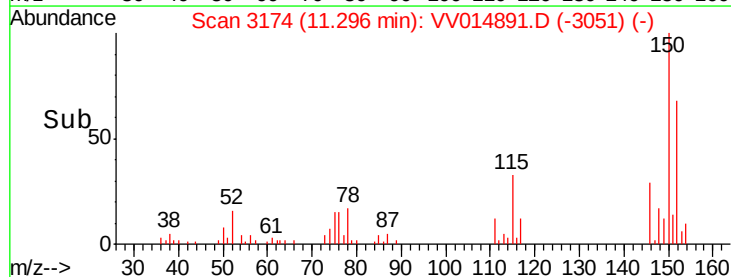
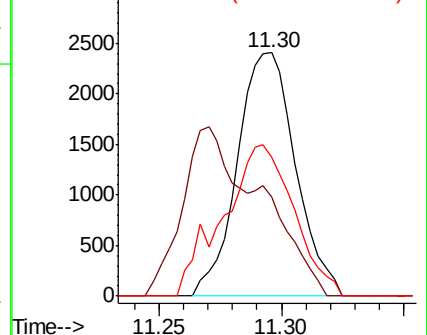
148 57.2 44.2 82.2

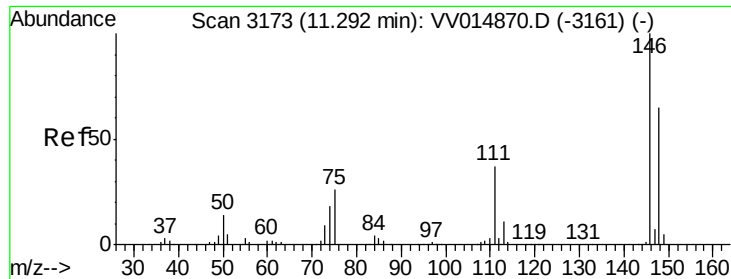


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 0.724 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV014891.D

Acq: 13 Mar 2020 00:42

Instrument :

MSVOA_V

ClientSampleId :

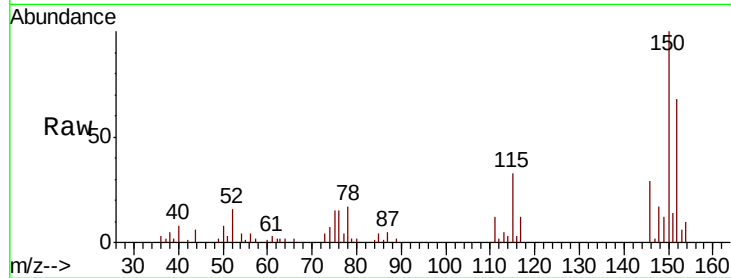
Tot Ion:146 Resp: 3983

Ion Ratio Lower Upper

146 100

111 40.8 26.3 48.9

148 57.2 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

