

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121919\
 Data File : VU036291.D
 Acq On : 19 Dec 2019 18:34
 Operator : JC/MD
 Sample : K6282-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDW6

Quant Time: Dec 20 04:41:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 20 03:13:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	248609	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	272199	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	112710	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	113877	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.94	69	103809	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.59	63	117383	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.68	46	200739	48.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.88%
24) Chloroform-d	5.11	84	167228	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.75	65	89330	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.77	84	317829	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.73	67	103069	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.93	98	254988	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	8.21	79	37701	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.68	63	165009	48.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.30%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	91975	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	104568	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

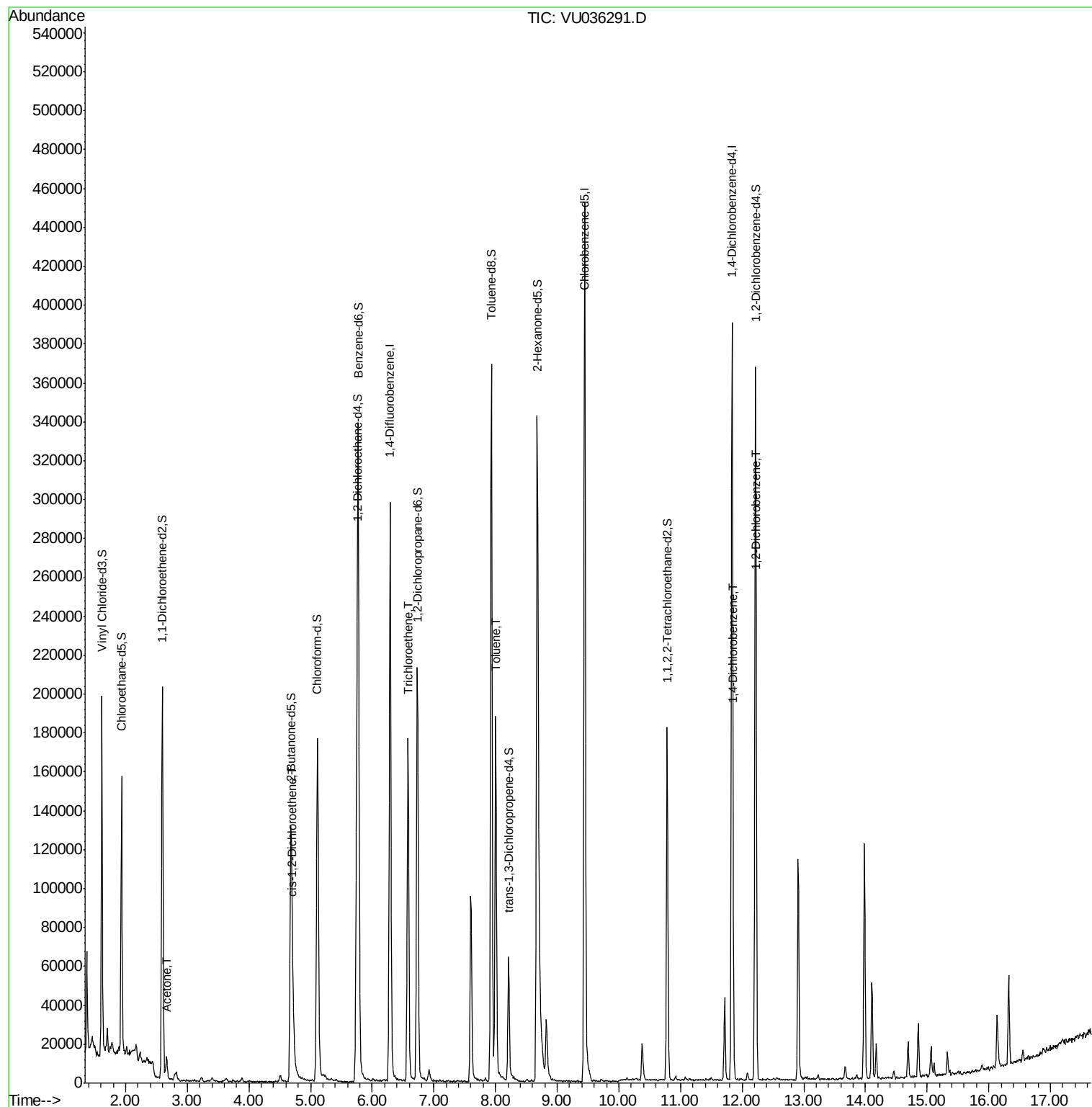
					Ovalue
13) Acetone	2.67	43	11795	3.300 ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	12516	0.604 ug/L	96
34) Trichloroethene	6.58	95	61626	2.857 ug/L	97
42) Toluene	8.00	91	141097	1.574 ug/L	97
63) 1,4-Dichlorobenzene	11.86	146	6694	0.177 ug/L	94
65) 1,2-Dichlorobenzene	12.24	146	5476	0.151 ug/L	92

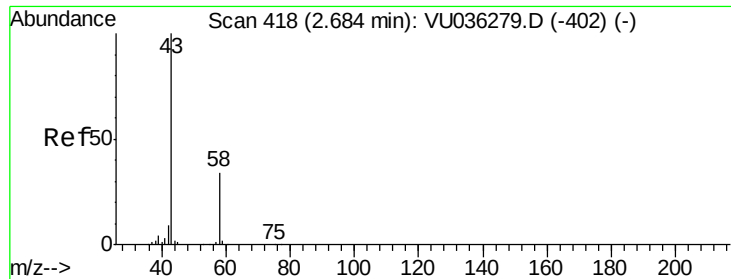
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.300 ug/L

RT: 2.67 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU036291.D

Acq: 19 Dec 2019 18:34

Instrument :

MSVOA_U

ClientSampleId :

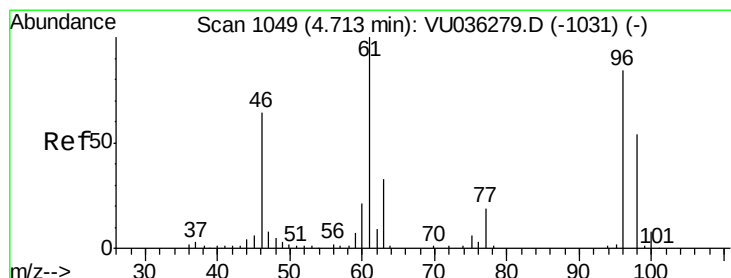
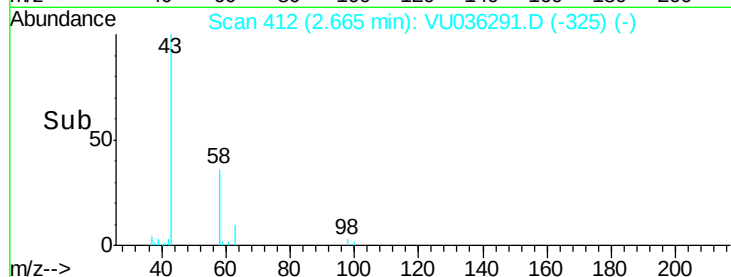
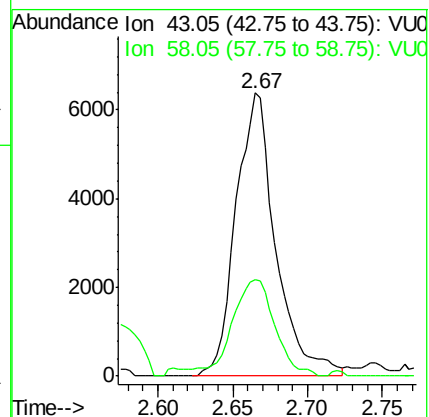
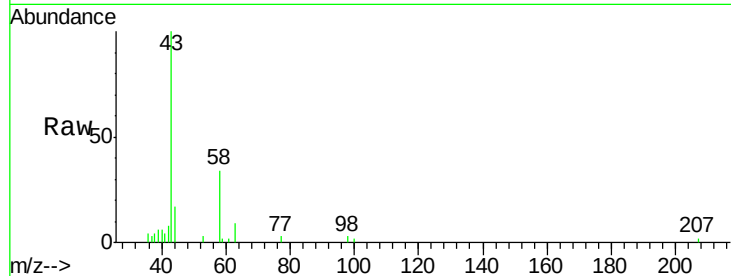
BFDW6

Tot Ion: 43 Resp: 11795

Ion Ratio Lower Upper

43 100

58 36.6 0.0 67.6



#22

cis-1,2-Dichloroethene

Concen: 0.604 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU036291.D

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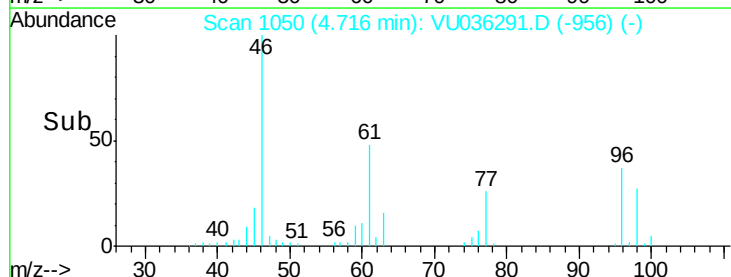
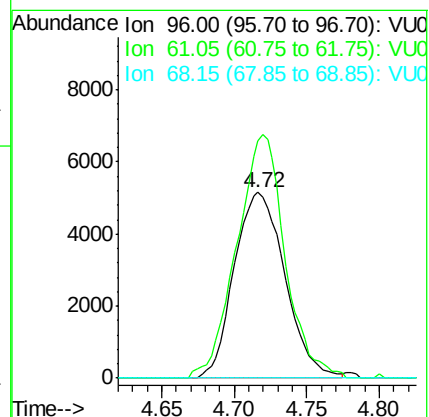
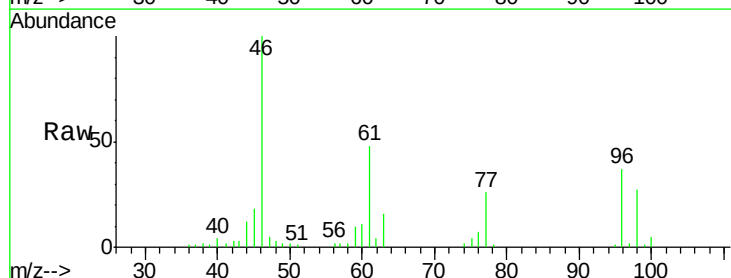
Tgt Ion: 96 Resp: 12516

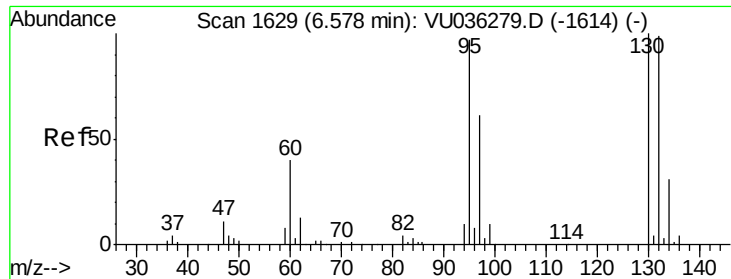
Ion Ratio Lower Upper

96 100

61 128.2 86.7 161.1

68 0.0 0.0 0.0

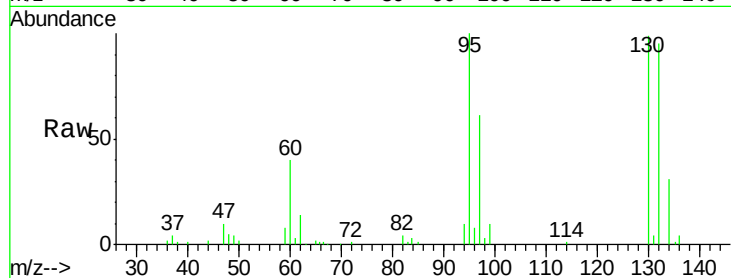




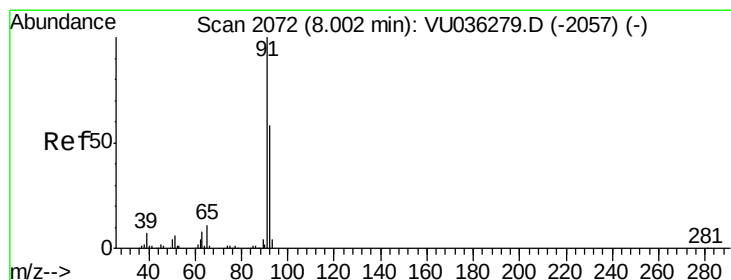
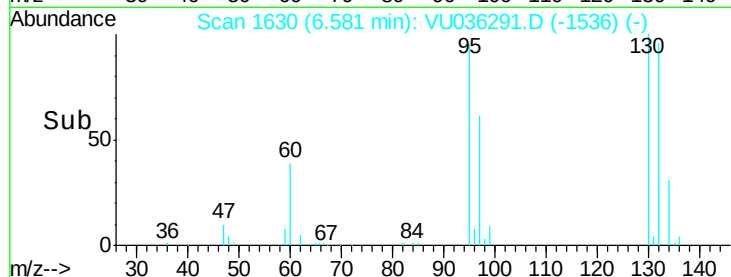
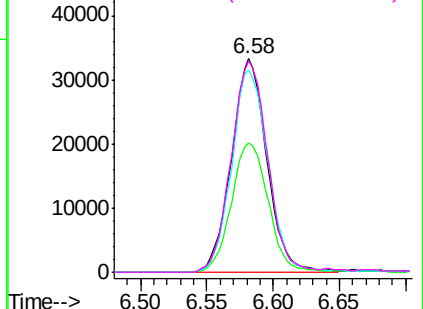
#34
 Trichloroethene
 Concen: 2.857 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VU036291.D
 Acq: 19 Dec 2019 18:34

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDW6

Tot Ion: 95 Resp: 61626
 Ion Ratio Lower Upper
 95 100
 97 60.7 43.6 81.0
 132 94.8 69.6 129.2
 130 98.8 70.3 130.7

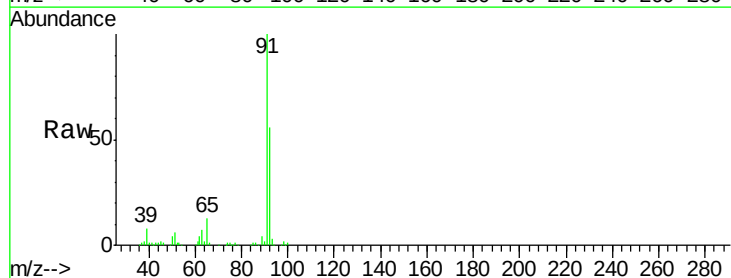


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

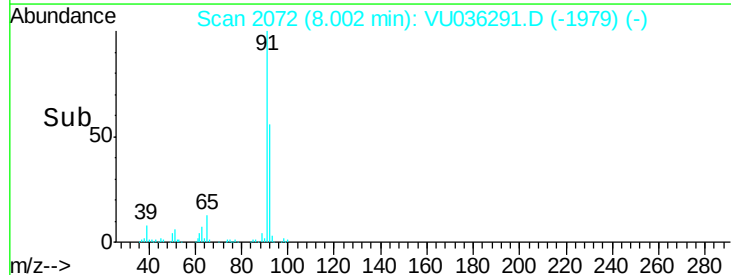
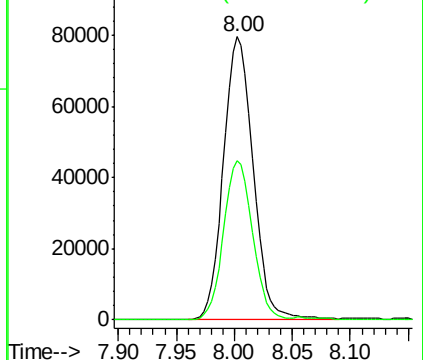


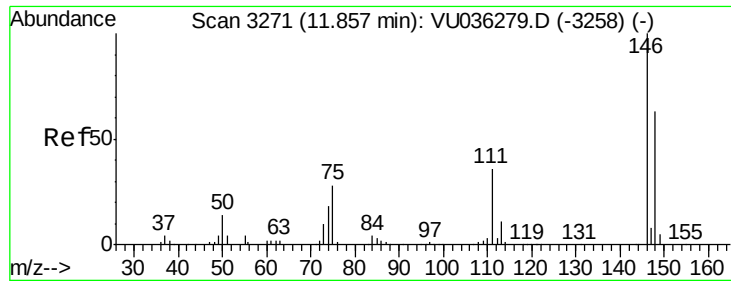
#42
 Toluene
 Concen: 1.574 ug/L
 RT: 8.00 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VU036291.D
 Acq: 19 Dec 2019 18:34

Tgt Ion: 91 Resp: 141097
 Ion Ratio Lower Upper
 91 100
 92 56.4 41.2 76.6



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0





#63

1,4-Dichlorobenzene

Concen: 0.177 ug/L

RT: 11.86 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VU036291.D

Acq: 19 Dec 2019 18:34

Instrument :

MSVOA_U

ClientSampled :

BFDW6

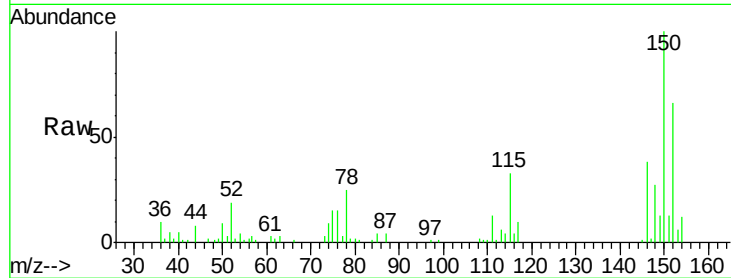
Tot Ion:146 Resp: 6694

Ion Ratio Lower Upper

146 100

111 35.1 25.8 48.0

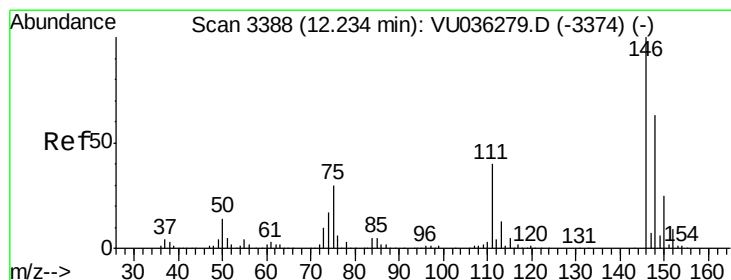
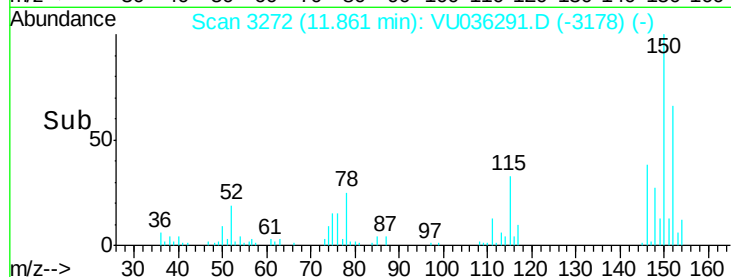
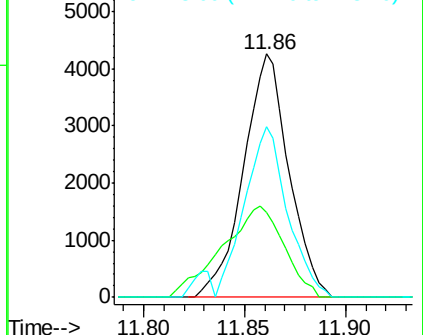
148 70.0 44.7 82.9



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 0.151 ug/L

RT: 12.24 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU036291.D

Acq: 19 Dec 2019 18:34

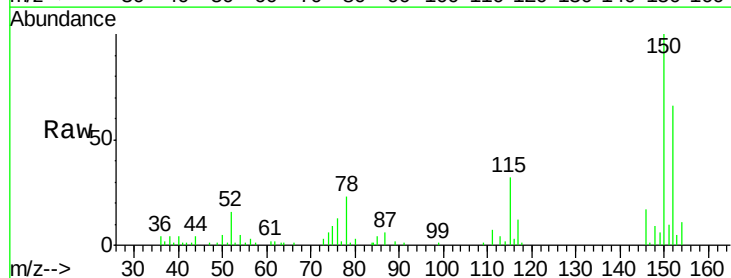
Tgt Ion:146 Resp: 5476

Ion Ratio Lower Upper

146 100

111 42.2 32.5 48.7

148 53.1 49.2 73.8



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

