

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122019\
 Data File : VU036320.D
 Acq On : 20 Dec 2019 16:16
 Operator : JC/MD
 Sample : K6282-13DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDW9DL

Quant Time: Dec 21 04:24:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 20 22:20:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	243512	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	267585	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	105251	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	96703	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.93	69	94540	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.59	63	103406	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.68	46	186072	46.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.64%
24) Chloroform-d	5.11	84	162287	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.75	65	84395	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.77	84	291947	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.73	67	95442	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.93	98	235765	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.60%
43) trans-1,3-Dichloropropene-	8.21	79	35710	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.67	63	142663	42.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.58%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	84788	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	94216	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

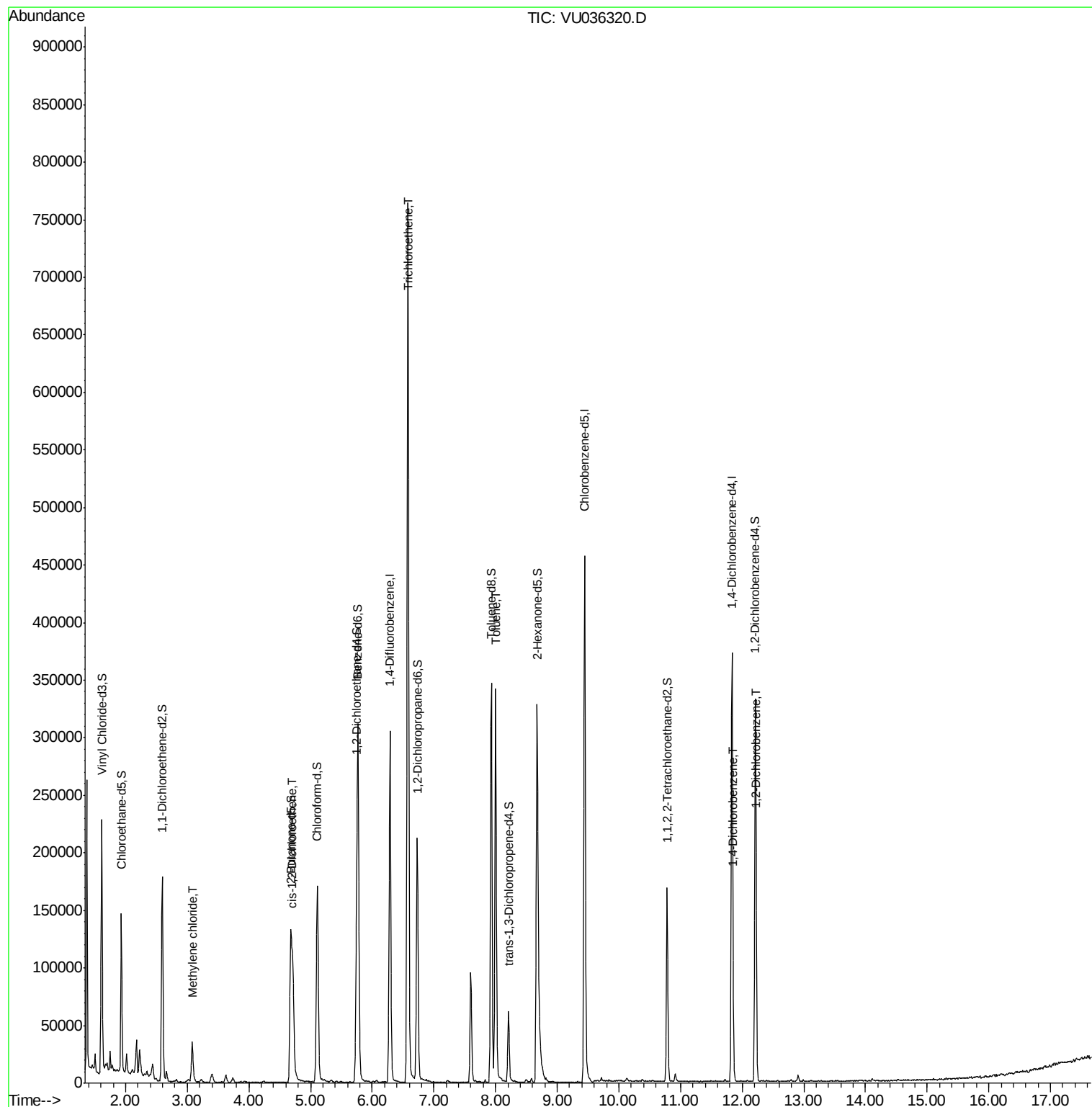
					Ovalue
16) Methylene chloride	3.08	84	17481	0.658	ug/L 95
22) cis-1,2-Dichloroethene	4.72	96	45193	2.227	ug/L 98
34) Trichloroethene	6.58	95	260493	12.287	ug/L 97
42) Toluene	8.00	91	253082	2.871	ug/L 96
63) 1,4-Dichlorobenzene	11.86	146	7111	0.202	ug/L 97
65) 1,2-Dichlorobenzene	12.24	146	4323	0.128	ug/L 87

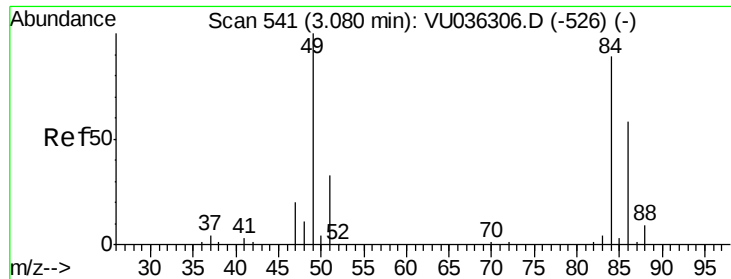
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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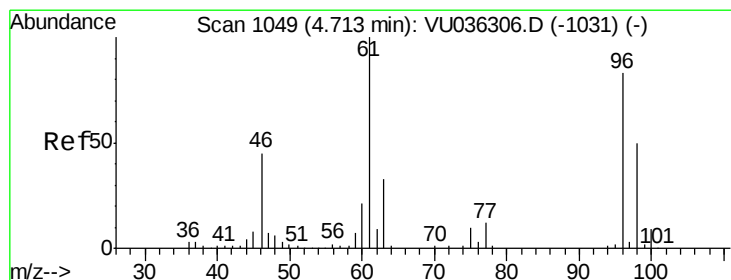
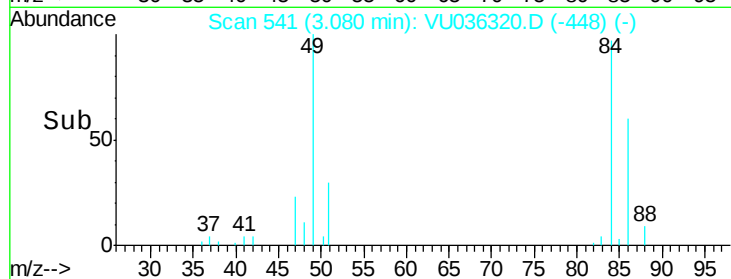
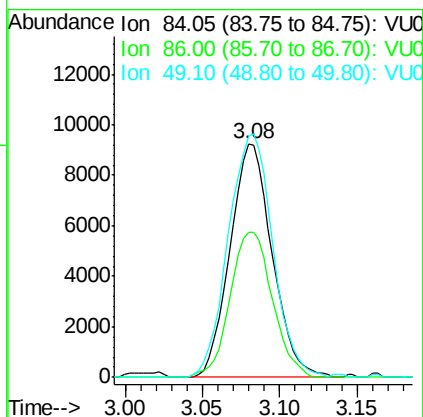
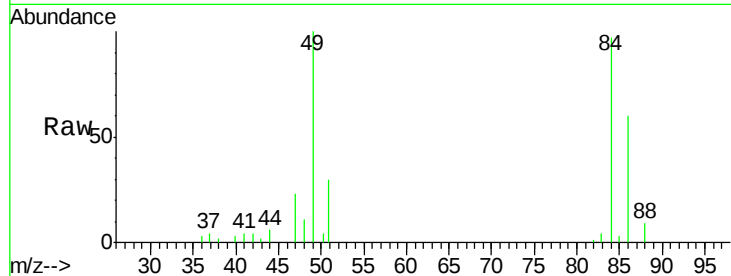




#16
Methvlene chloride
Concen: 0.658 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU036320.D
Acq: 20 Dec 2019 16:16

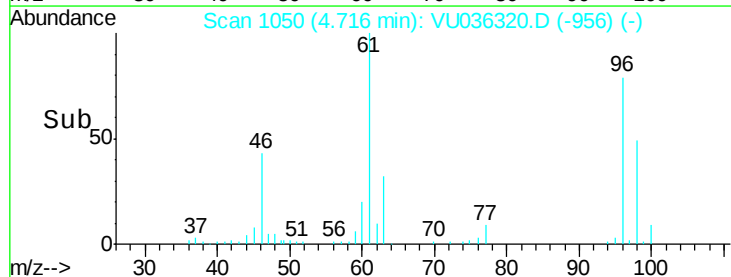
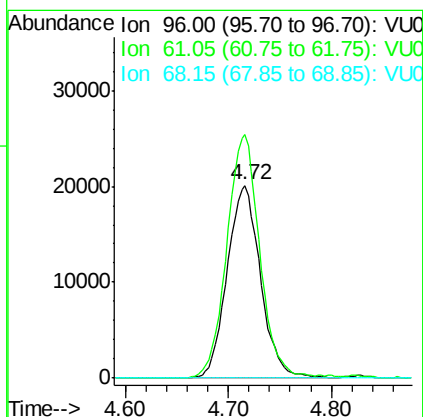
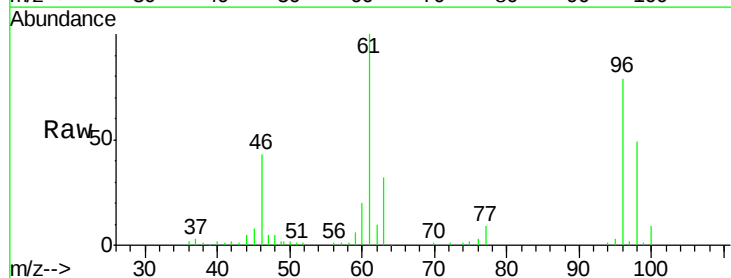
Instrument :
MSVOA_U
ClientSampleId :
BFDW9DL

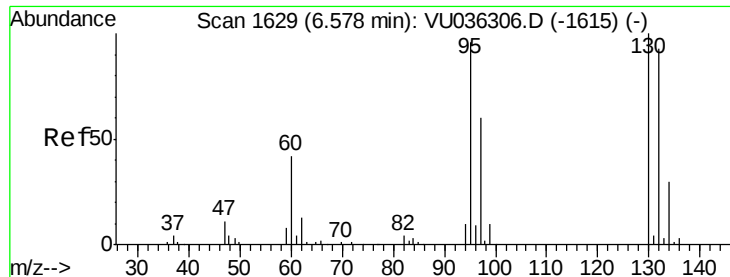
Tot Ion: 84 Resp: 17481
Ion Ratio Lower Upper
84 100
86 61.8 43.0 79.8
49 103.2 77.3 143.5



#22
cis-1,2-Dichloroethene
Concen: 2.227 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU036320.D
Acq: 20 Dec 2019 16:16

Tgt Ion: 96 Resp: 45193
Ion Ratio Lower Upper
96 100
61 126.2 86.7 161.1
68 0.0 0.0 0.0

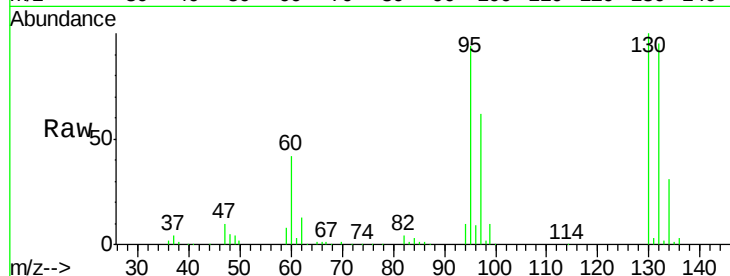




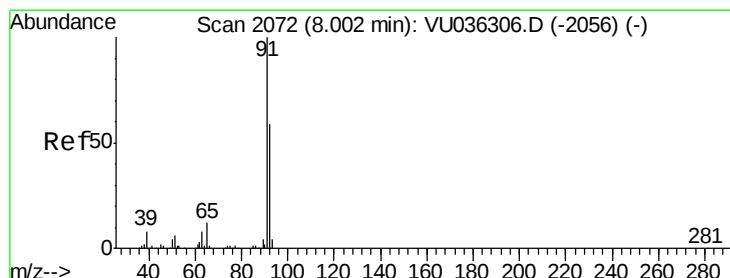
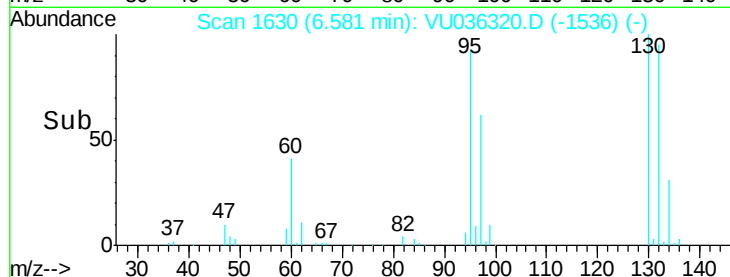
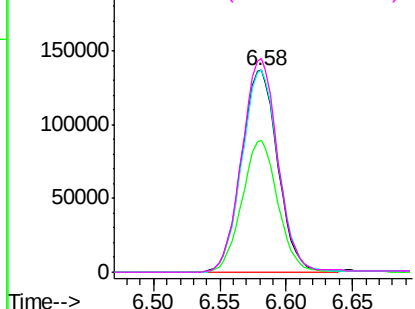
#34
 Trichloroethene
 Concen: 12.287 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VU036320.D
 Acq: 20 Dec 2019 16:16

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDW9DL

Tot Ion: 95 Resp: 260493
 Ion Ratio Lower Upper
 95 100
 97 65.5 43.6 81.0
 132 100.3 69.6 129.2
 130 105.9 70.3 130.7

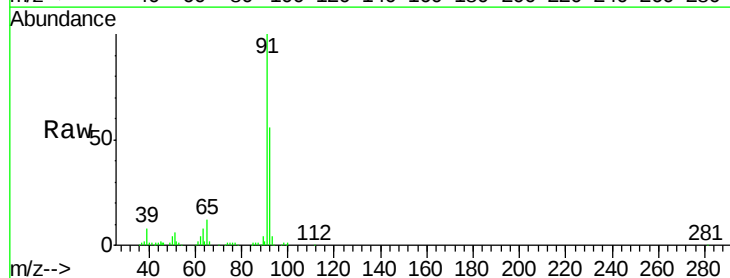


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

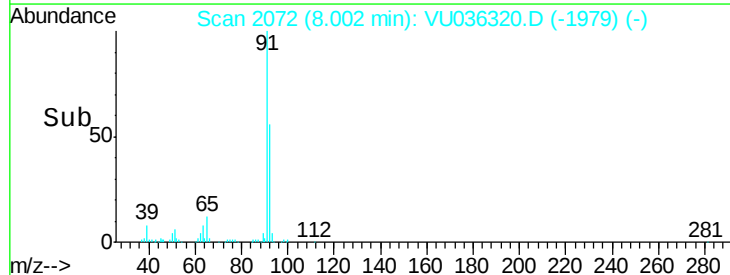
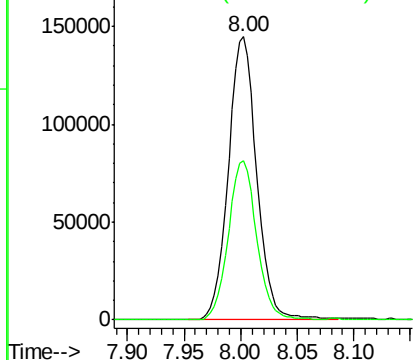


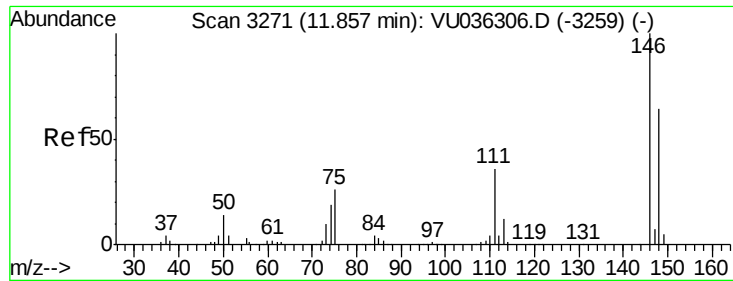
#42
 Toluene
 Concen: 2.871 ug/L
 RT: 8.00 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VU036320.D
 Acq: 20 Dec 2019 16:16

Tgt Ion: 91 Resp: 253082
 Ion Ratio Lower Upper
 91 100
 92 56.2 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: 0.202 ug/L

RT: 11.86 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VU036320.D

Acq: 20 Dec 2019 16:16

Instrument :

MSVOA_U

ClientSampleId :

BFDW9DL

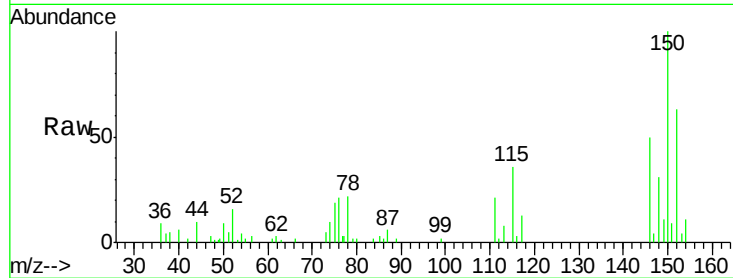
Tot Ion:146 Resp: 7111

Ion Ratio Lower Upper

146 100

111 41.2 25.8 48.0

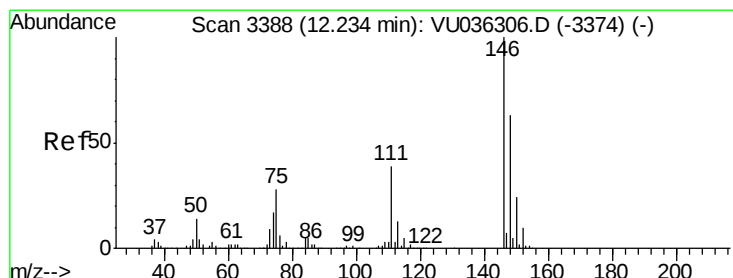
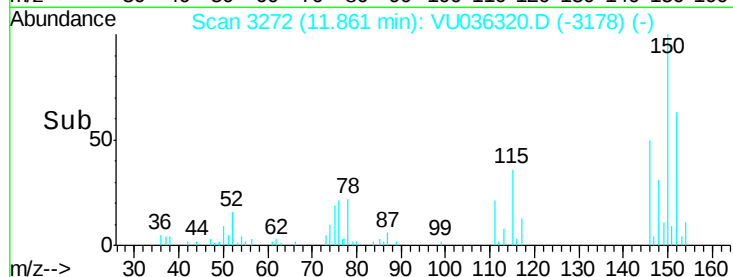
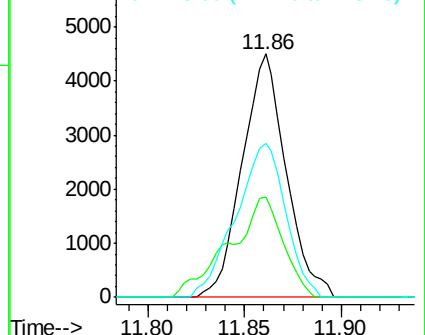
148 63.3 44.7 82.9



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: 0.128 ug/L

RT: 12.24 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU036320.D

Acq: 20 Dec 2019 16:16

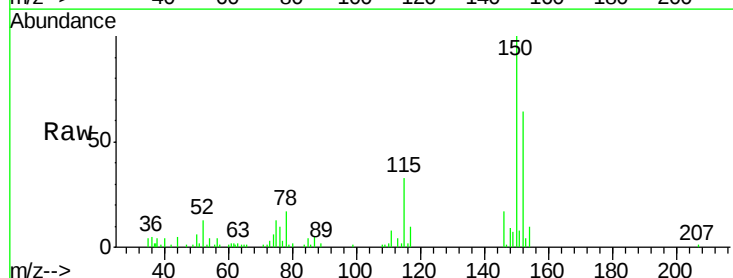
Tgt Ion:146 Resp: 4323

Ion Ratio Lower Upper

146 100

111 46.6 32.5 48.7

148 50.0 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

