

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030520\
 Data File : VU037094.D
 Acq On : 05 Mar 2020 19:35
 Operator : JC/MD
 Sample : L1784-11 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ9

Quant Time: Mar 05 22:40:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 22:35:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	250767	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	239400	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	85284	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	72778	34.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.12%
7) Chloroethane-d5	1.93	69	76997	44.19	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.38%
11) 1,1-Dichloroethene-d2	2.59	63	105238	29.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.68%#
21) 2-Butanone-d5	4.67	46	150251	106.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.37%
24) Chloroform-d	5.11	84	152894	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.10%
26) 1,2-Dichloroethane-d4	5.74	65	106468	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.84%
32) Benzene-d6	5.76	84	321599	46.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.90%
36) 1,2-Dichloropropane-d6	6.72	67	110427	49.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.46%
41) Toluene-d8	7.92	98	286105	44.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.10%
43) trans-1,3-Dichloropropene-	8.20	79	42978	41.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.46%
47) 2-Hexanone-d5	8.66	63	99402	90.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.64%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	156071	49.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.72%
64) 1,2-Dichlorobenzene-d4	12.21	152	86713	52.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.02%

Target Compounds

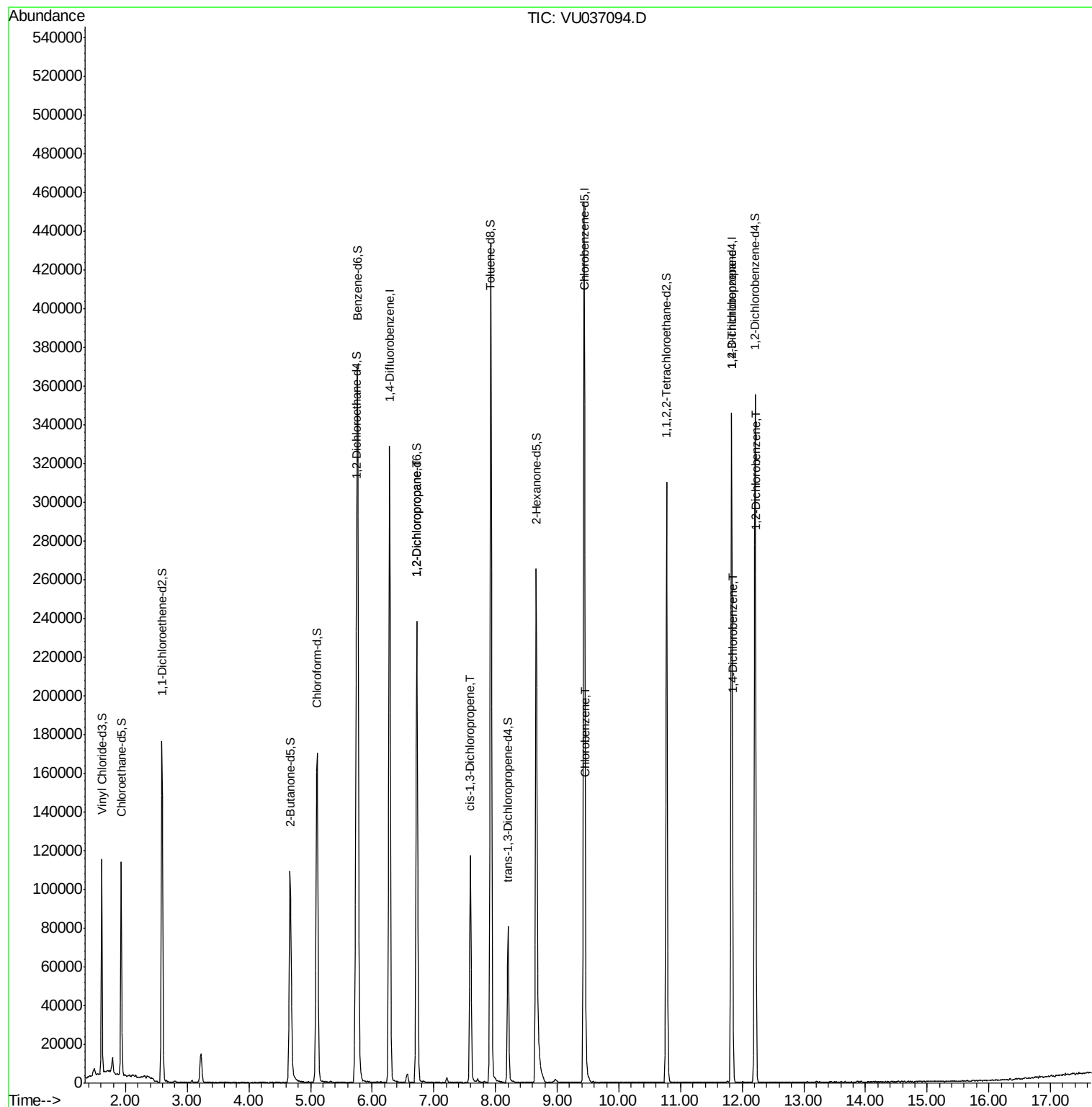
					Ovalue
37) 1,2-Dichloropropane	6.72	63	11921	5.854	ug/L # 88
39) cis-1,3-Dichloropropene	7.59	75	2672	0.852	ug/L # 56
51) Chlorobenzene	9.47	112	6458	1.353	ug/L 97
59) 1,2,3-Trichloropropane	11.83	75	14573	5.563	ug/L 100
63) 1,4-Dichlorobenzene	11.85	146	4305	1.575	ug/L # 91
65) 1,2-Dichlorobenzene	12.23	146	2551	0.923	ug/L 95

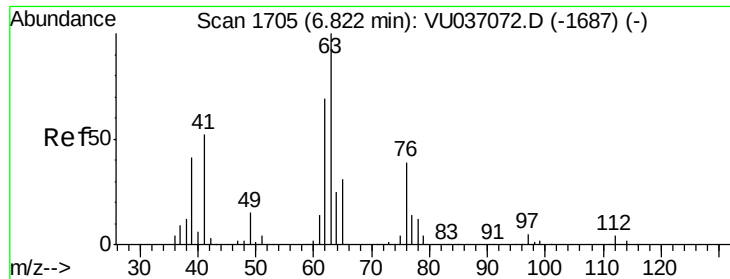
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Mar 05 22:35:59 2020
Response via : Initial Calibration

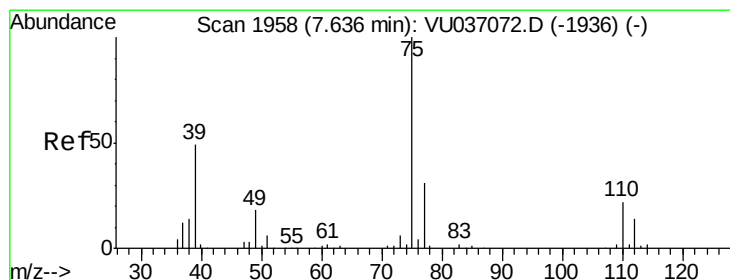
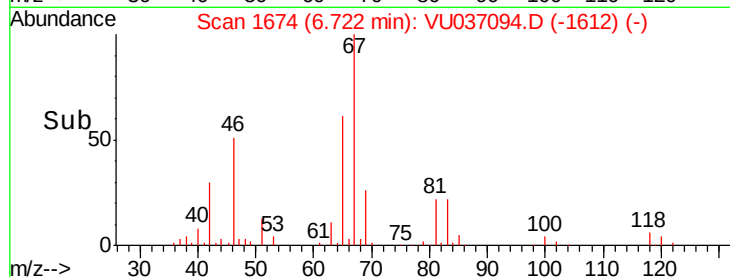
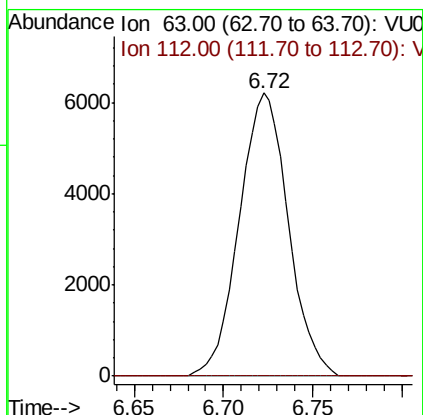
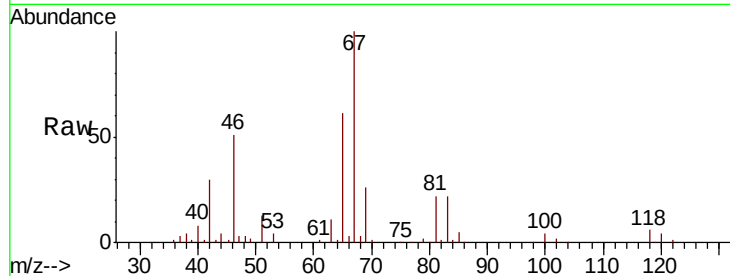




#37
 1,2-Dichloropropane
 Concen: 5.854 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037094.D
 Acq: 05 Mar 2020 19:35

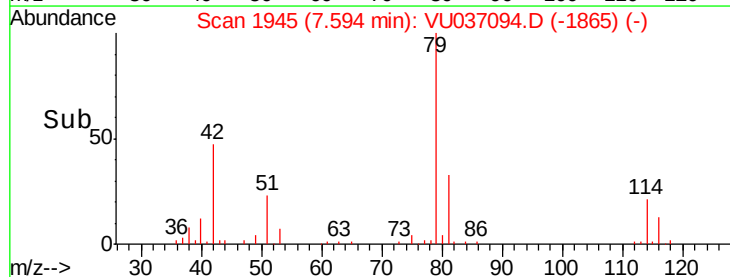
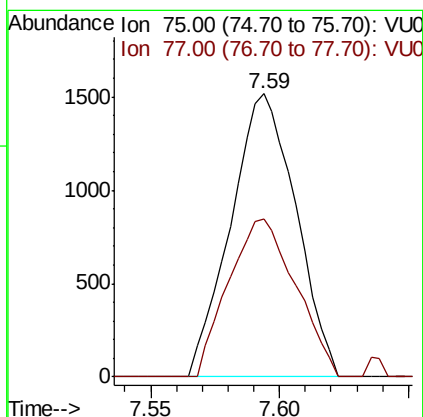
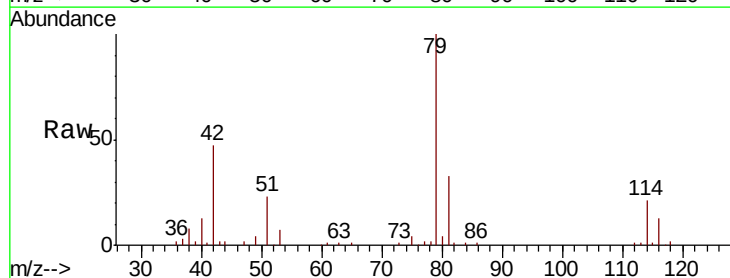
Instrument :
 MSVOA_U
 ClientSampled :
 C0AZ9

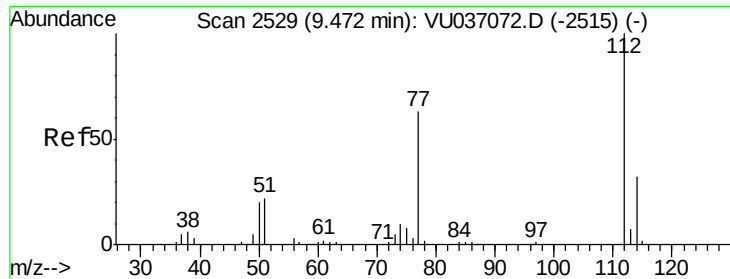
Tot Ion: 63 Resp: 11921
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.852 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037094.D
 Acq: 05 Mar 2020 19:35

Tgt Ion: 75 Resp: 2672
 Ion Ratio Lower Upper
 75 100
 77 55.7 22.0 41.0#





#51

Chlorobenzene

Concen: 1.353 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.01 min

Lab File: VU037094.D

Acq: 05 Mar 2020 19:35

Instrument :

MSVOA_U

ClientSampleID :

C0AZ9

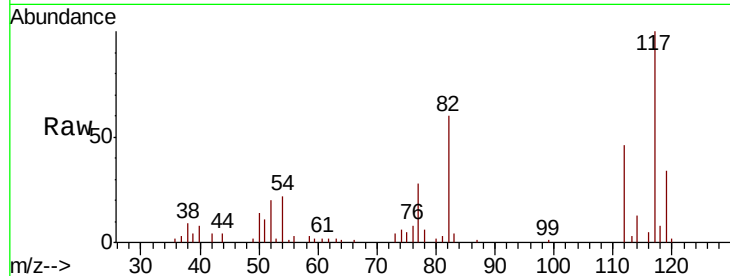
Tot Ion:112 Resp: 6458

Ion Ratio Lower Upper

112 100

114 29.4 22.3 41.5

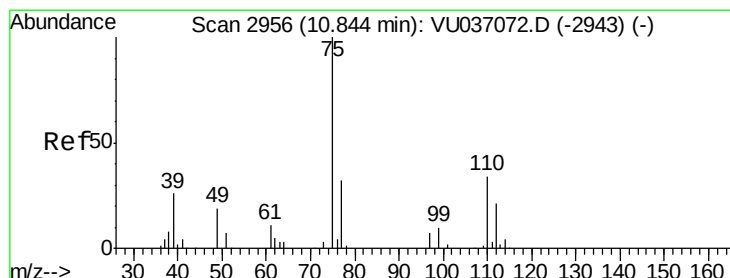
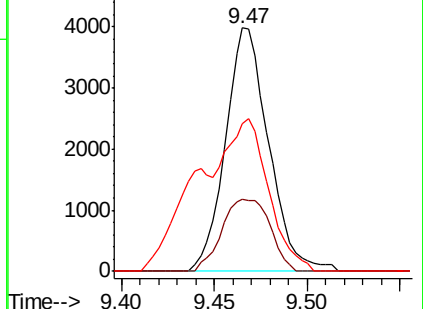
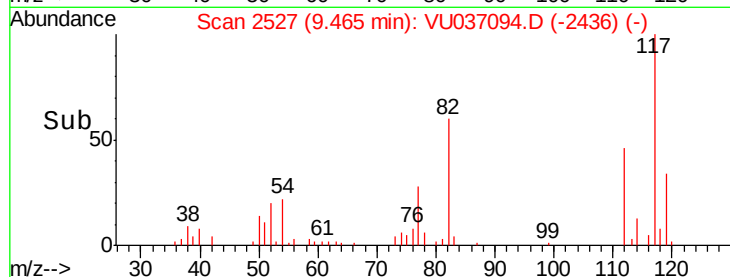
77 60.8 50.1 75.1



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU



#59

1,2,3-Trichloropropane

Concen: 5.563 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU037094.D

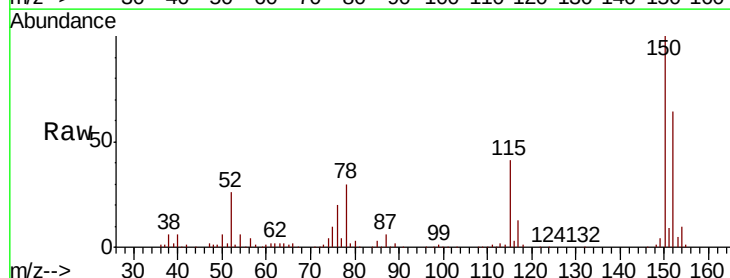
Acq: 05 Mar 2020 19:35

Tgt Ion: 75 Resp: 14573

Ion Ratio Lower Upper

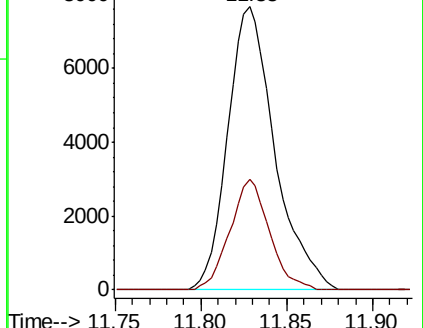
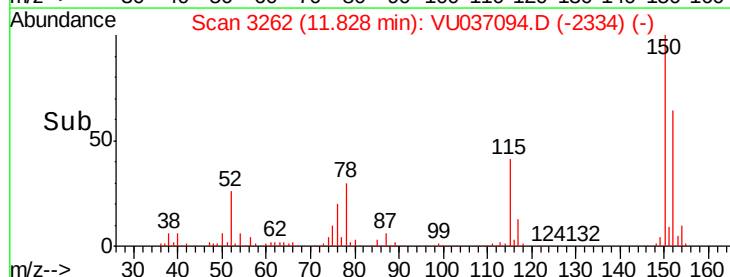
75 100

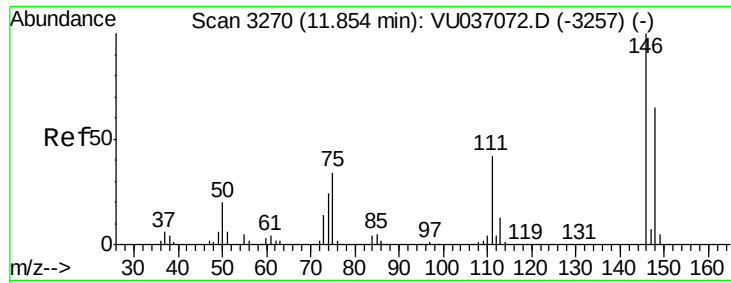
77 32.8 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU

Ion 77.00 (76.70 to 77.70): VU





#63

1,4-Dichlorobenzene

Concen: 1.575 ug/L

RT: 11.85 min Scan# 3269

Delta R.T. -0.00 min

Lab File: VU037094.D

Acq: 05 Mar 2020 19:35

Instrument :

MSVOA_U

ClientSampleId :

C0AZ9

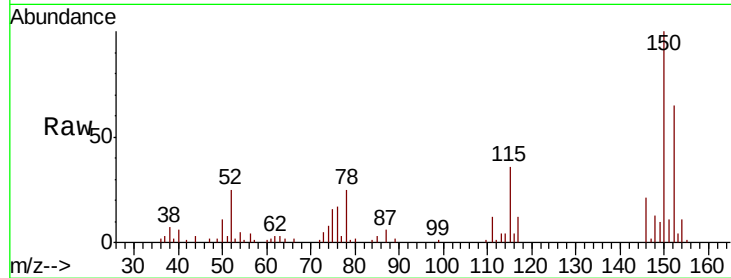
Tot Ion:146 Resp: 4305

Ion Ratio Lower Upper

146 100

111 56.1 29.8 55.4#

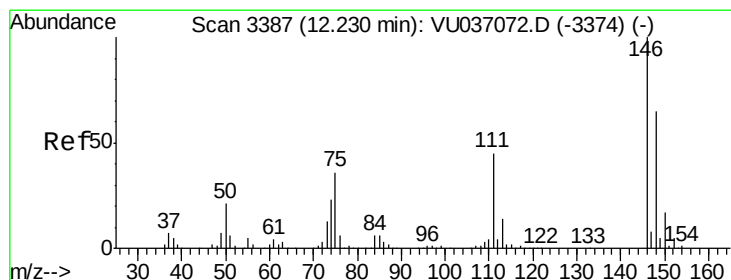
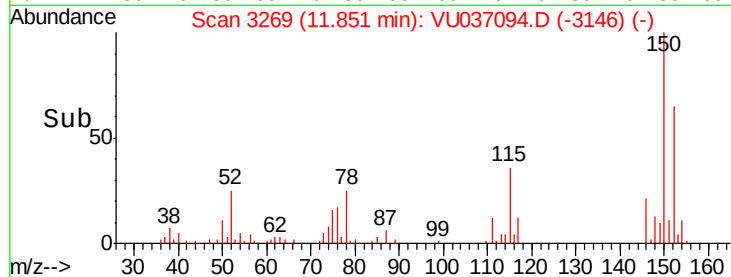
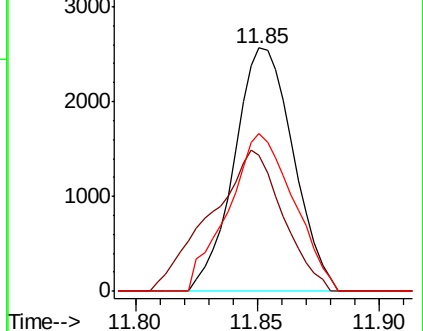
148 65.1 45.1 83.9



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: 0.923 ug/L

RT: 12.23 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU037094.D

Acq: 05 Mar 2020 19:35

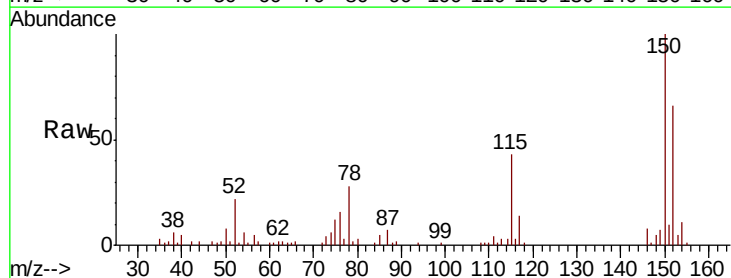
Tgt Ion:146 Resp: 2551

Ion Ratio Lower Upper

146 100

111 50.1 35.4 53.0

148 64.3 50.5 75.7



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

