

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120919\
 Data File : VU036058.D
 Acq On : 09 Dec 2019 19:42
 Operator : JC/MD
 Sample : K6167-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQT4

Quant Time: Dec 10 03:20:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 10 01:47:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	241407	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	266087	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	94284	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	111355	5.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.60%
7) Chloroethane-d5	1.93	69	133839	5.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.40%
11) 1,1-Dichloroethene-d2	2.59	63	125546	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.70	46	214872	58.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.20%
24) Chloroform-d	5.11	84	171644	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.75	65	96118	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.77	84	356940	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	6.73	67	107949	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.93	98	301686	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	8.21	79	31792	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.68	63	164434	53.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.36%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	98478	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	104152	5.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.80%

Target Compounds

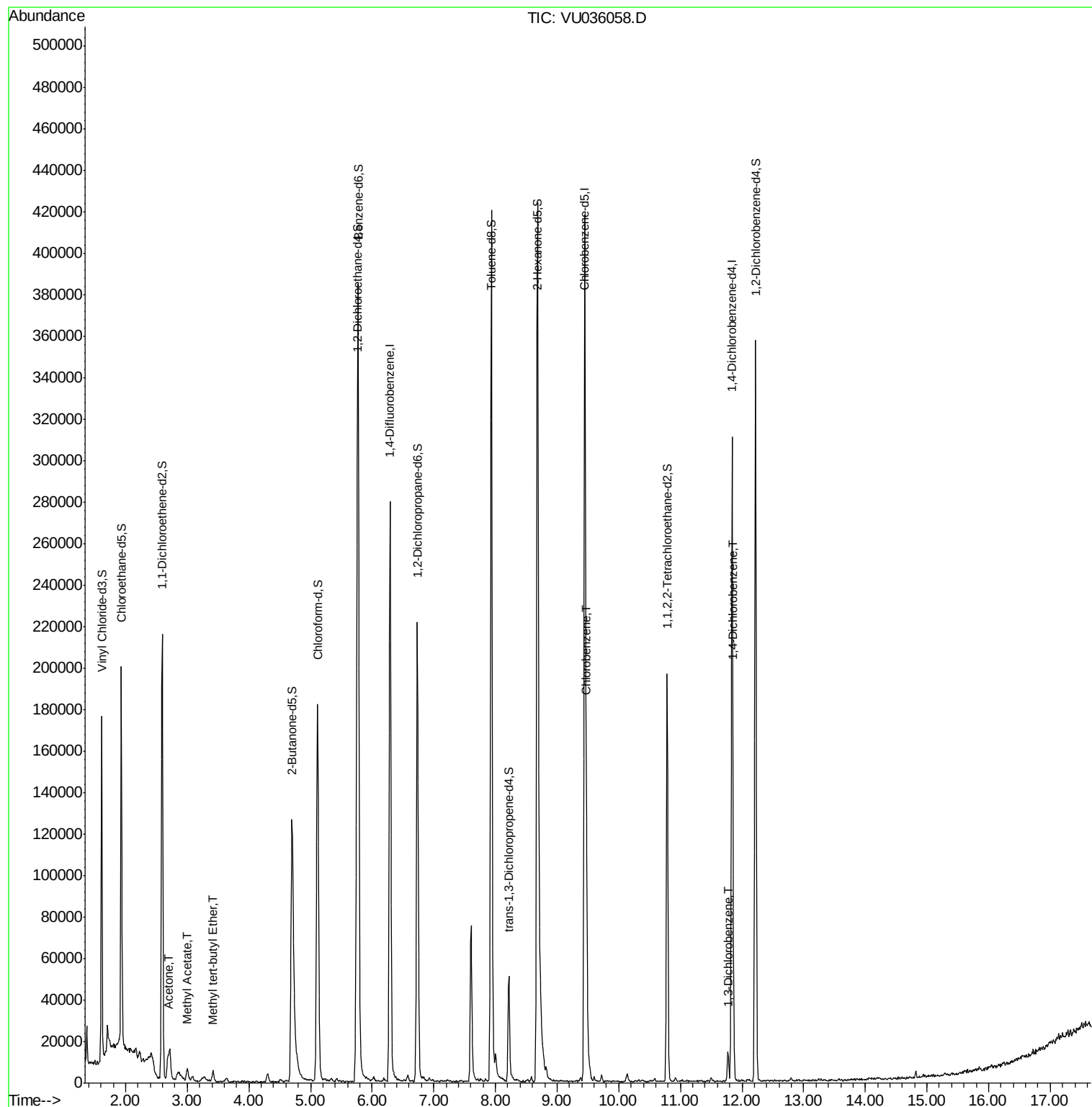
					Ovalue
13) Acetone	2.69	43	18454	3.965 ug/L	65
15) Methyl Acetate	3.01	43	6957	1.012 ug/L	93
17) Methyl tert-butyl Ether	3.42	73	4964	0.137 ug/L #	95
51) Chlorobenzene	9.48	112	55842	1.027 ug/L	97
62) 1,3-Dichlorobenzene	11.77	146	7580	0.246 ug/L	93
63) 1,4-Dichlorobenzene	11.86	146	8167	0.269 ug/L	93

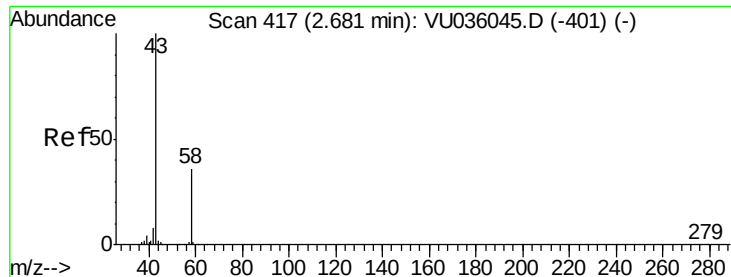
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.965 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.01 min

Lab File: VU036058.D

Acq: 09 Dec 2019 19:42

Instrument :

MSVOA_U

ClientSampleId :

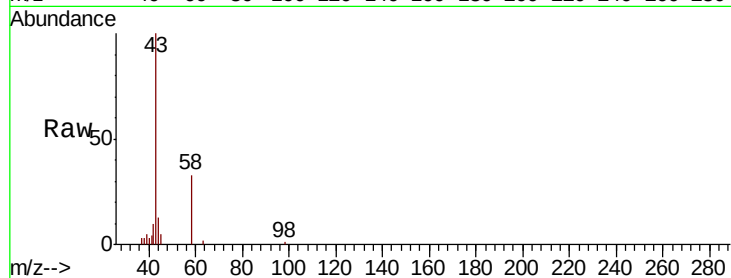
BFQT4

Tot Ion: 43 Resp: 18454

Ion Ratio Lower Upper

43 100

58 16.1 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036045.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU036045.D (-401) (-)

2.69

8000

6000

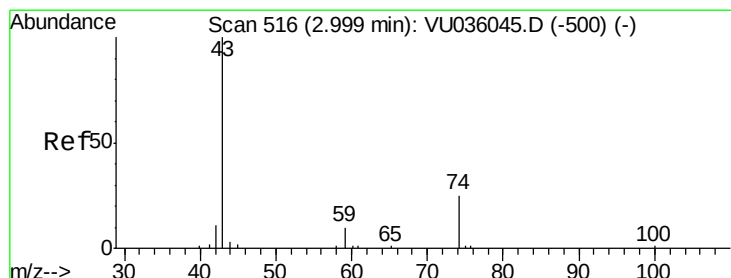
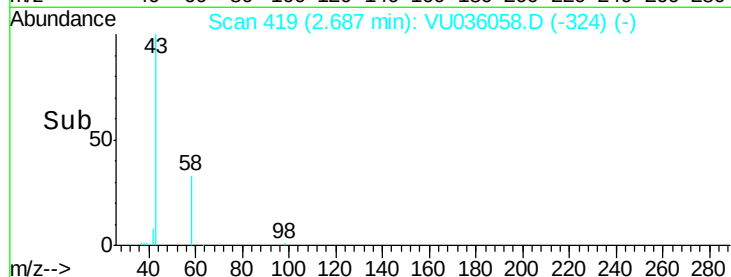
4000

2000

0

Time-->

2.60 2.65 2.70 2.75



#15

Methyl Acetate

Concen: 1.012 ug/L

RT: 3.01 min Scan# 518

Delta R.T. 0.01 min

Lab File: VU036058.D

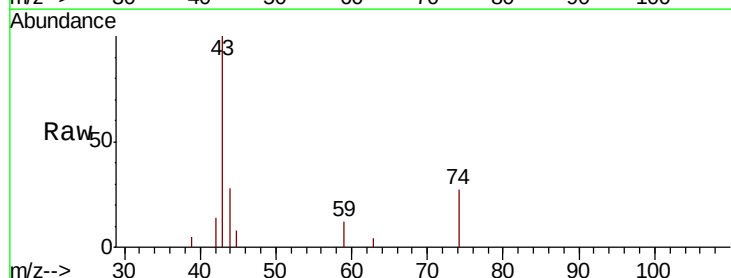
Acq: 09 Dec 2019 19:42

Tgt Ion: 43 Resp: 6957

Ion Ratio Lower Upper

43 100

74 29.7 21.0 31.4



Abundance Ion 43.05 (42.75 to 43.75): VU036045.D (-500) (-)

Ion 74.05 (73.75 to 74.75): VU036045.D (-500) (-)

3.01

3000

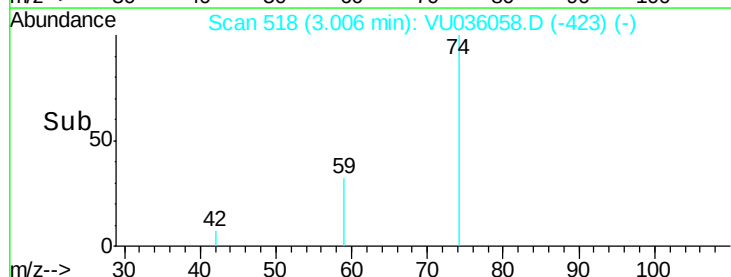
2000

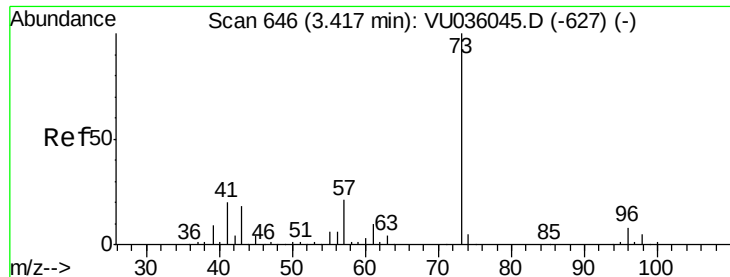
1000

0

Time-->

2.95 3.00 3.05

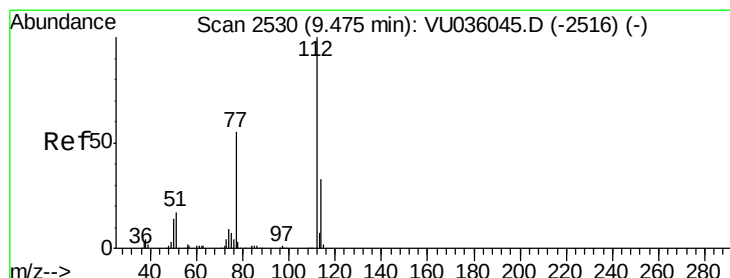
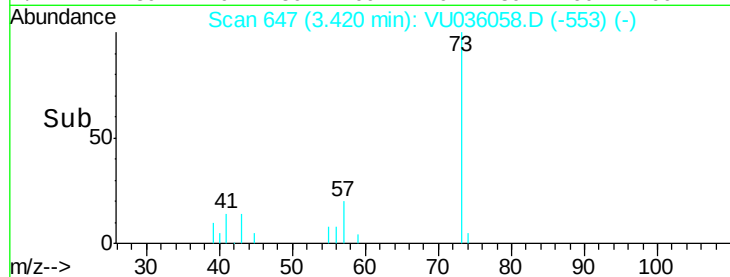
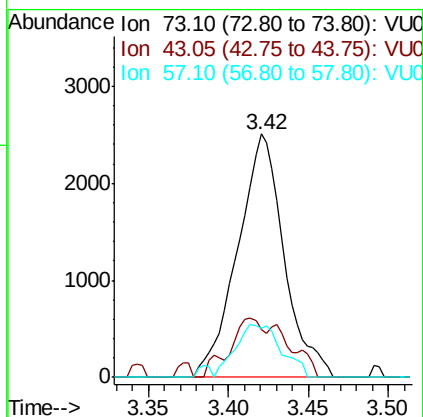
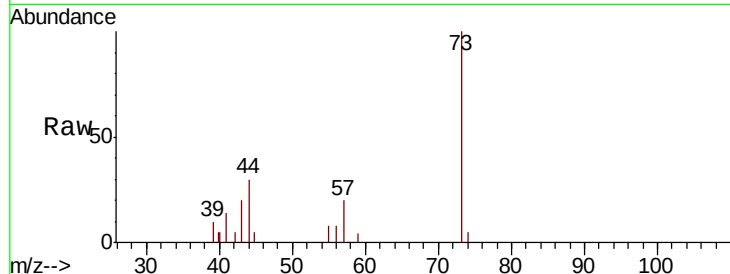




#17
Methvl tert-butyl Ether
Concen: 0.137 ug/L
RT: 3.42 min Scan# 647
Delta R.T. 0.00 min
Lab File: VU036058.D
Acq: 09 Dec 2019 19:42

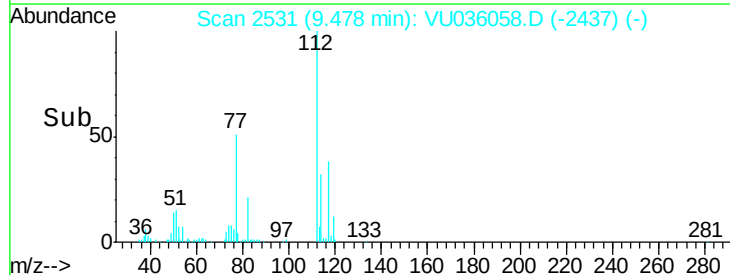
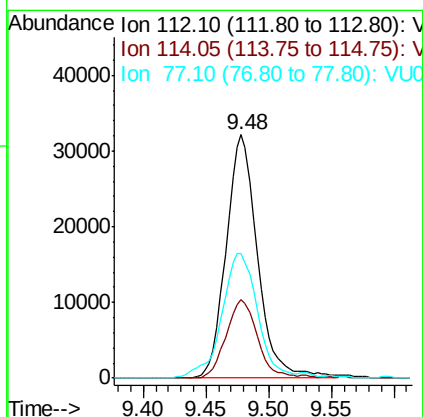
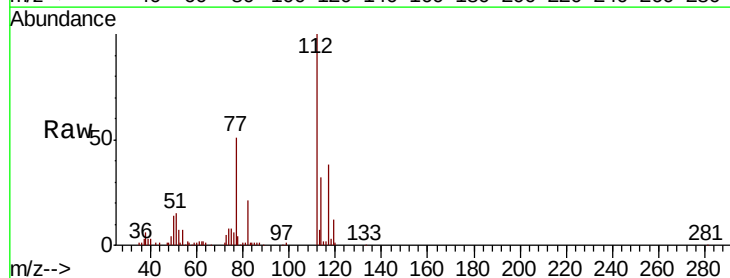
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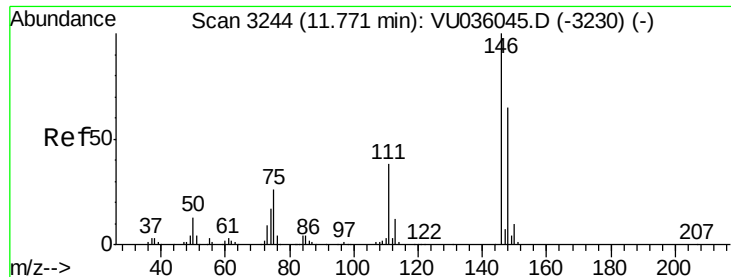
Tot Ion: 73 Resp: 4964
Ion Ratio Lower Upper
73 100
43 15.0 15.6 23.4#
57 21.5 17.4 26.2



#51
Chlorobenzene
Concen: 1.027 ug/L
RT: 9.48 min Scan# 2531
Delta R.T. 0.00 min
Lab File: VU036058.D
Acq: 09 Dec 2019 19:42

Tgt Ion: 112 Resp: 55842
Ion Ratio Lower Upper
112 100
114 32.0 22.3 41.5
77 51.0 43.8 65.8





#62

1,3-Dichlorobenzene

Concen: 0.246 ug/L

RT: 11.77 min Scan# 3244

Delta R.T. -0.00 min

Lab File: VU036058.D

Acq: 09 Dec 2019 19:42

Instrument :

MSVOA_U

ClientSampleId :

BFQT4

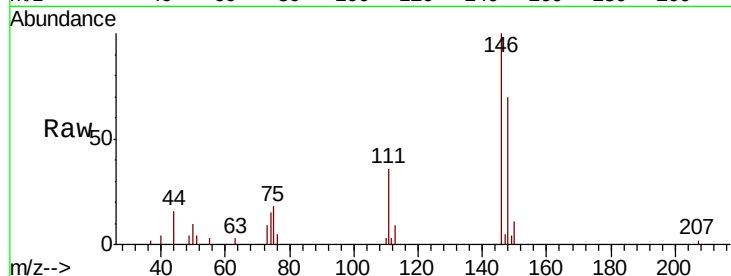
Tot Ion:146 Resp: 7580

Ion Ratio Lower Upper

146 100

111 38.6 26.0 48.2

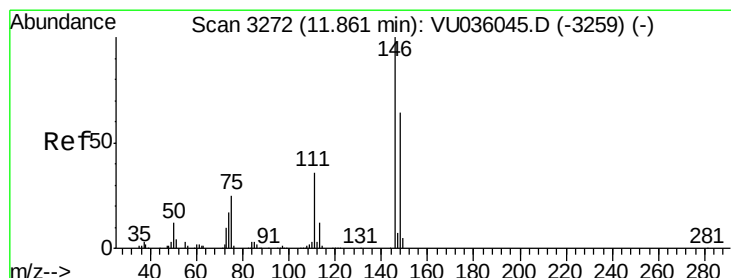
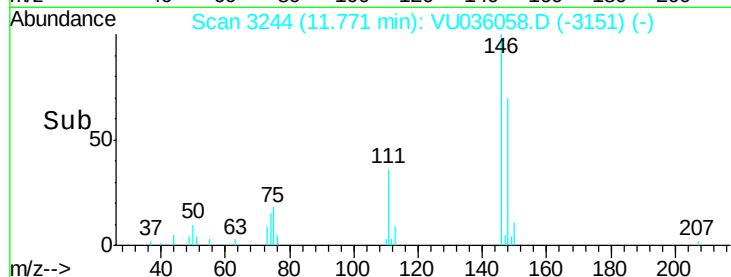
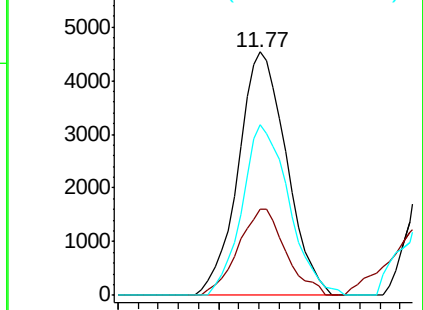
148 70.0 43.7 81.1



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



#63

1,4-Dichlorobenzene

Concen: 0.269 ug/L

RT: 11.86 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VU036058.D

Acq: 09 Dec 2019 19:42

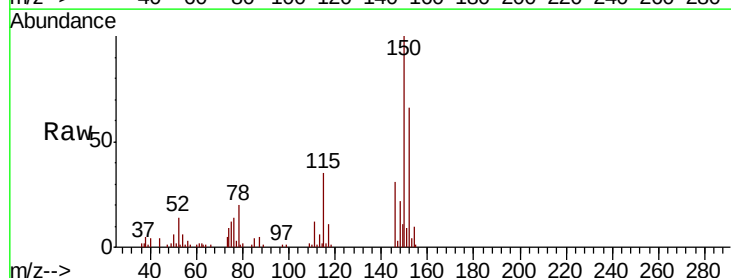
Tgt Ion:146 Resp: 8167

Ion Ratio Lower Upper

146 100

111 39.3 26.2 48.6

148 71.2 44.9 83.5



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

