

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030520\
 Data File : VU037078.D
 Acq On : 05 Mar 2020 13:11
 Operator : JC/MD
 Sample : L1784-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ8

Quant Time: Mar 06 00:11:12 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	254720	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	241123	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	83774	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	83284	38.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.86%
7) Chloroethane-d5	1.93	69	85694	48.42	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.84%
11) 1,1-Dichloroethene-d2	2.59	63	115328	32.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.40%
21) 2-Butanone-d5	4.67	46	153072	106.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.68%
24) Chloroform-d	5.11	84	161571	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.92%
26) 1,2-Dichloroethane-d4	5.74	65	112266	50.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.58%
32) Benzene-d6	5.76	84	343316	49.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.48%
36) 1,2-Dichloropropane-d6	6.72	67	117752	52.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.24%
41) Toluene-d8	7.93	98	304487	47.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.14%
43) trans-1,3-Dichloropropene-	8.20	79	45987	43.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.60%
47) 2-Hexanone-d5	8.66	63	100117	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	159628	50.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.24%
64) 1,2-Dichlorobenzene-d4	12.21	152	87954	53.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.42%

Target Compounds

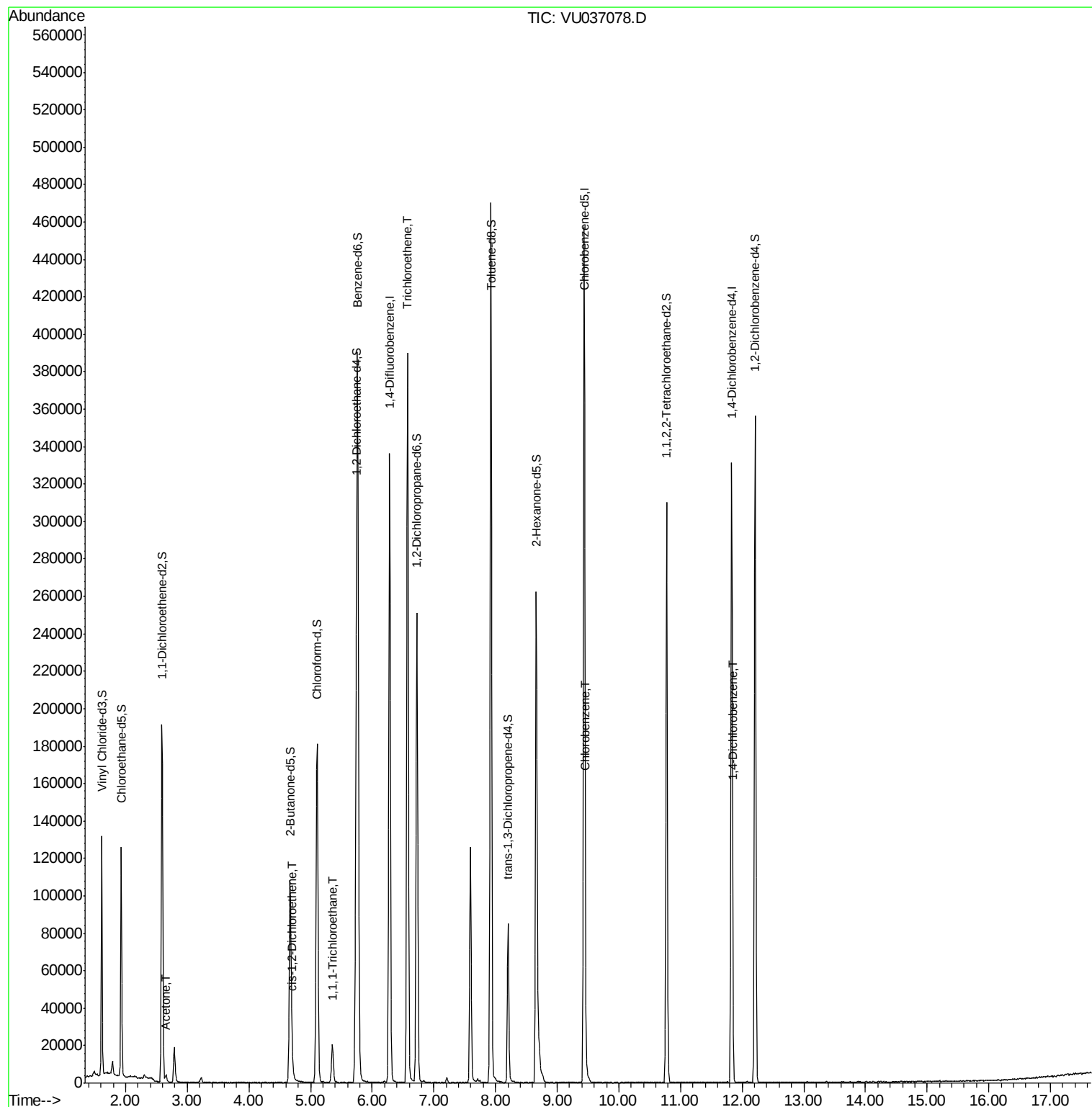
					Ovalue
13) Acetone	2.66	43	4137	2.803 ug/L	98
20) cis-1,2-Dichloroethene	4.71	96	1808	0.915 ug/L	94
30) 1,1,1-Trichloroethane	5.35	97	14204	5.494 ug/L	98
34) Trichloroethene	6.57	95	132131	70.574 ug/L	99
51) Chlorobenzene	9.47	112	4471	0.930 ug/L	94
63) 1,4-Dichlorobenzene	11.85	146	2889	1.076 ug/L	96

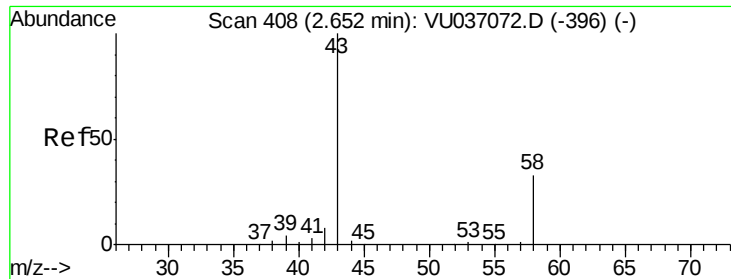
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 05 22:35:59 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.803 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU037078.D

Acq: 05 Mar 2020 13:11

Instrument :

MSVOA_U

ClientSampleId :

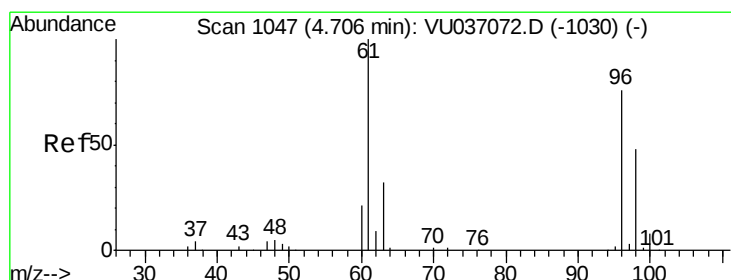
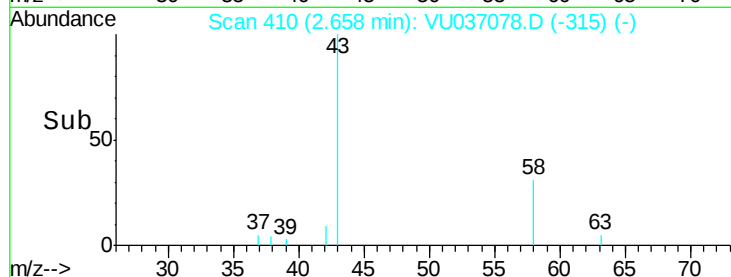
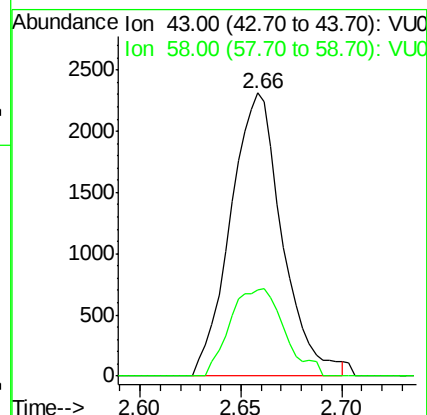
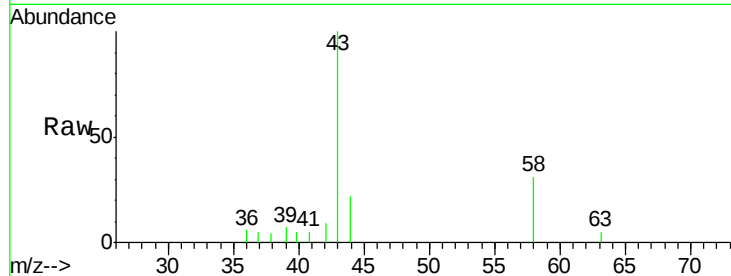
C0AZ8

Tot Ion: 43 Resp: 4137

Ion Ratio Lower Upper

43 100

58 31.3 0.0 64.6



#20

cis-1,2-Dichloroethene

Concen: 0.915 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037078.D

Acq: 05 Mar 2020 13:11

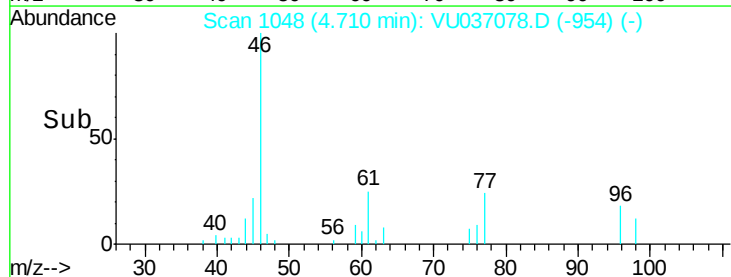
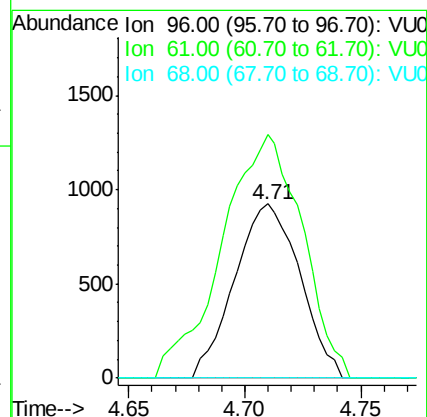
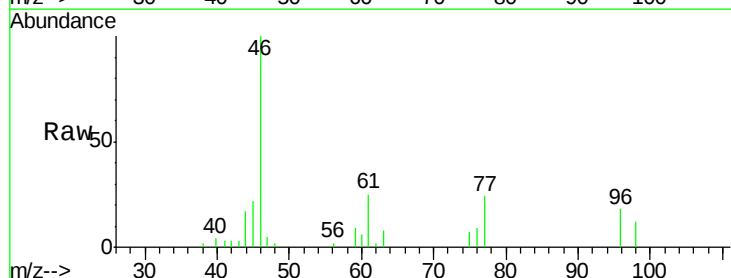
Tgt Ion: 96 Resp: 1808

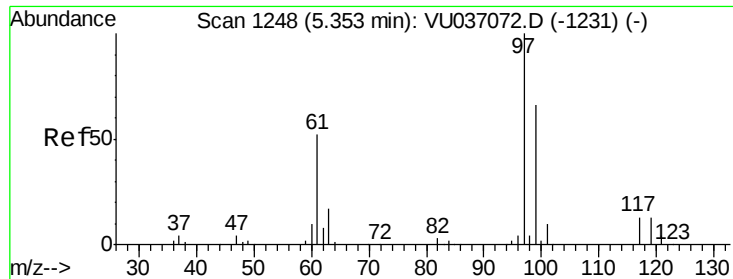
Ion Ratio Lower Upper

96 100

61 140.0 93.1 172.9

68 0.0 0.0 0.0

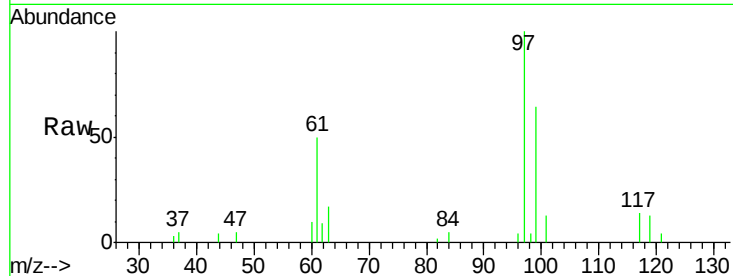




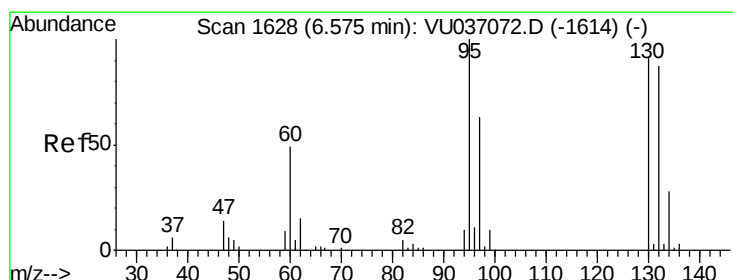
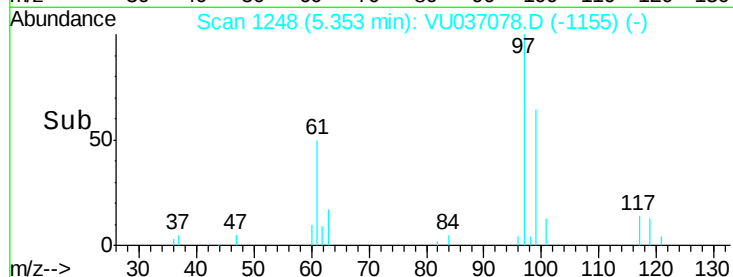
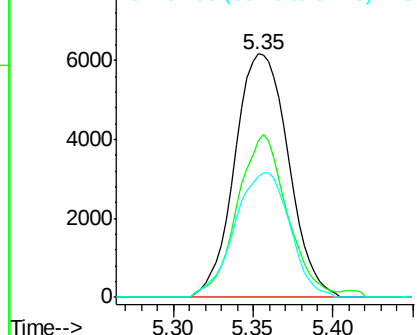
#30
1,1,1-Trichloroethane
Concen: 5.494 ug/L
RT: 5.35 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VU037078.D
Acq: 05 Mar 2020 13:11

Instrument :
MSVOA_U
ClientSampleId :
C0AZ8

Tot Ion: 97 Resp: 14204
Ion Ratio Lower Upper
97 100
99 61.9 50.4 75.6
61 52.7 40.3 60.5



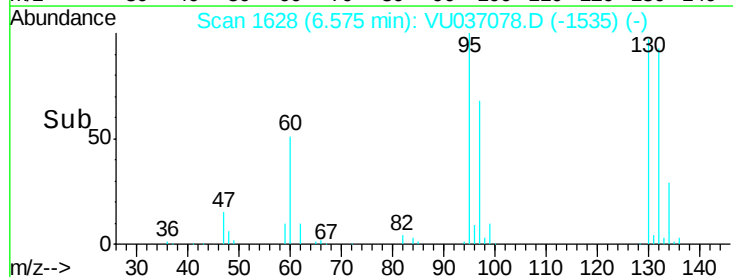
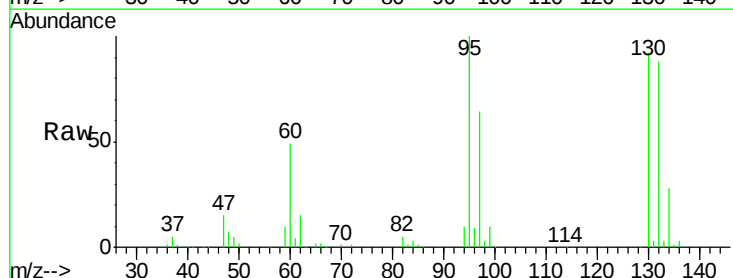
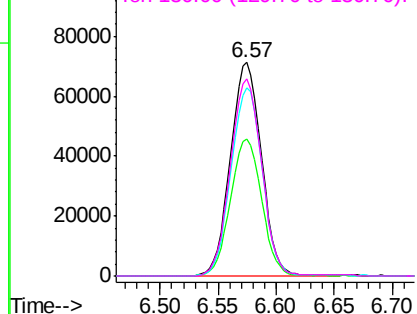
Abundance Ion 97.00 (96.70 to 97.70): VU0
Ion 99.00 (98.70 to 99.70): VU0
Ion 61.05 (60.75 to 61.75): VU0

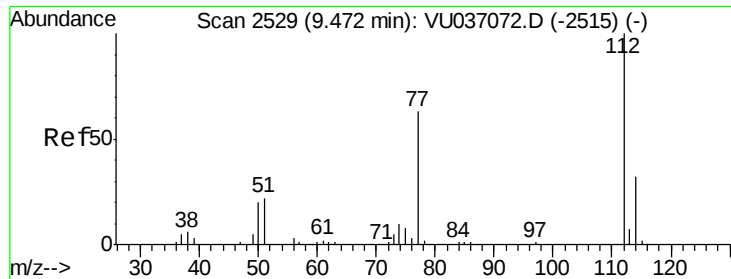


#34
Trichloroethene
Concen: 70.574 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VU037078.D
Acq: 05 Mar 2020 13:11

Tgt Ion: 95 Resp: 132131
Ion Ratio Lower Upper
95 100
97 64.4 44.1 81.9
132 88.2 60.6 112.6
130 92.2 64.9 120.5

Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 97.00 (96.70 to 97.70): VU0
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V

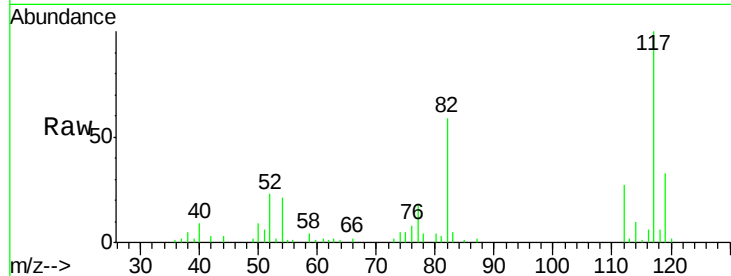




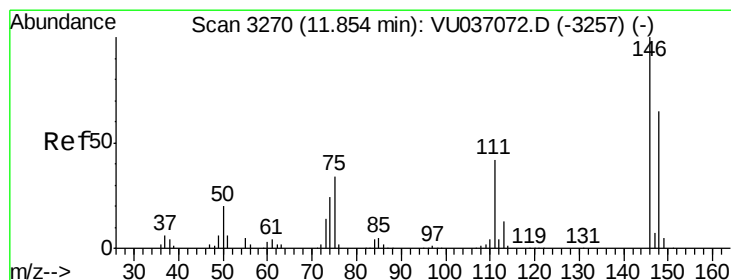
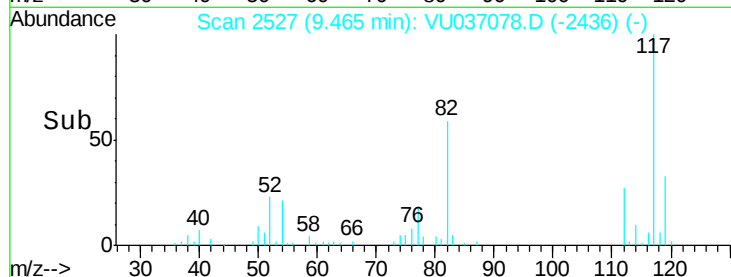
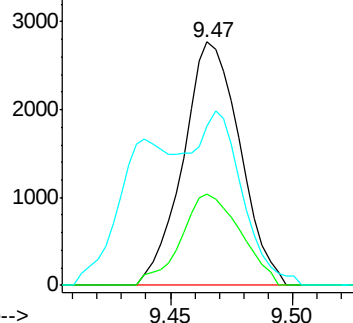
#51
Chlorobenzene
Concen: 0.930 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.01 min
Lab File: VU037078.D
Acq: 05 Mar 2020 13:11

Instrument :
MSVOA_U
ClientSampleId :
C0AZ8

Tot Ion:112 Resp: 4471
Ion Ratio Lower Upper
112 100
114 37.6 22.3 41.5
77 65.3 50.1 75.1

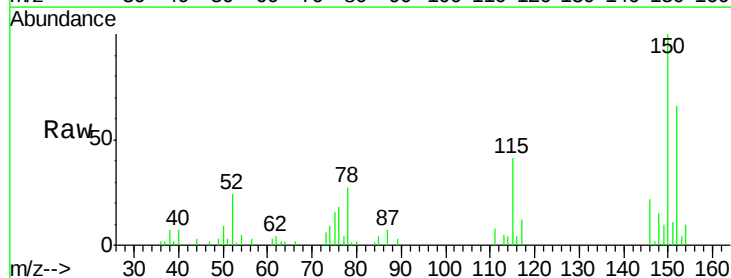


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V



#63
1,4-Dichlorobenzene
Concen: 1.076 ug/L
RT: 11.85 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU037078.D
Acq: 05 Mar 2020 13:11

Tgt Ion:146 Resp: 2889
Ion Ratio Lower Upper
146 100
111 36.2 29.8 55.4
148 64.9 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

