

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
 Data File : VU038758.D
 Acq On : 10 Jun 2020 05:27
 Operator : SY/MD
 Sample : L2913-07 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D93

Quant Time: Jun 10 07:18:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 06:36:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	522119	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	502436	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	231615	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	133872	45.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.78%
7) Chloroethane-d5	1.93	69	121279	53.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.18%
11) 1,1-Dichloroethene-d2	2.59	63	220628	34.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.40%
21) 2-Butanone-d5	4.66	46	332701	117.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.23%
24) Chloroform-d	5.10	84	327167	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.04%
26) 1,2-Dichloroethane-d4	5.74	65	232089	55.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.36%
32) Benzene-d6	5.76	84	650522	53.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.50%
36) 1,2-Dichloropropane-d6	6.72	67	206298	55.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.62%
41) Toluene-d8	7.92	98	542505	49.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	8.20	79	96744	51.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.04%
47) 2-Hexanone-d5	8.65	63	233685	117.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.70%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	302062	54.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.58%
64) 1,2-Dichlorobenzene-d4	12.20	152	227427	56.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.12%

Target Compounds

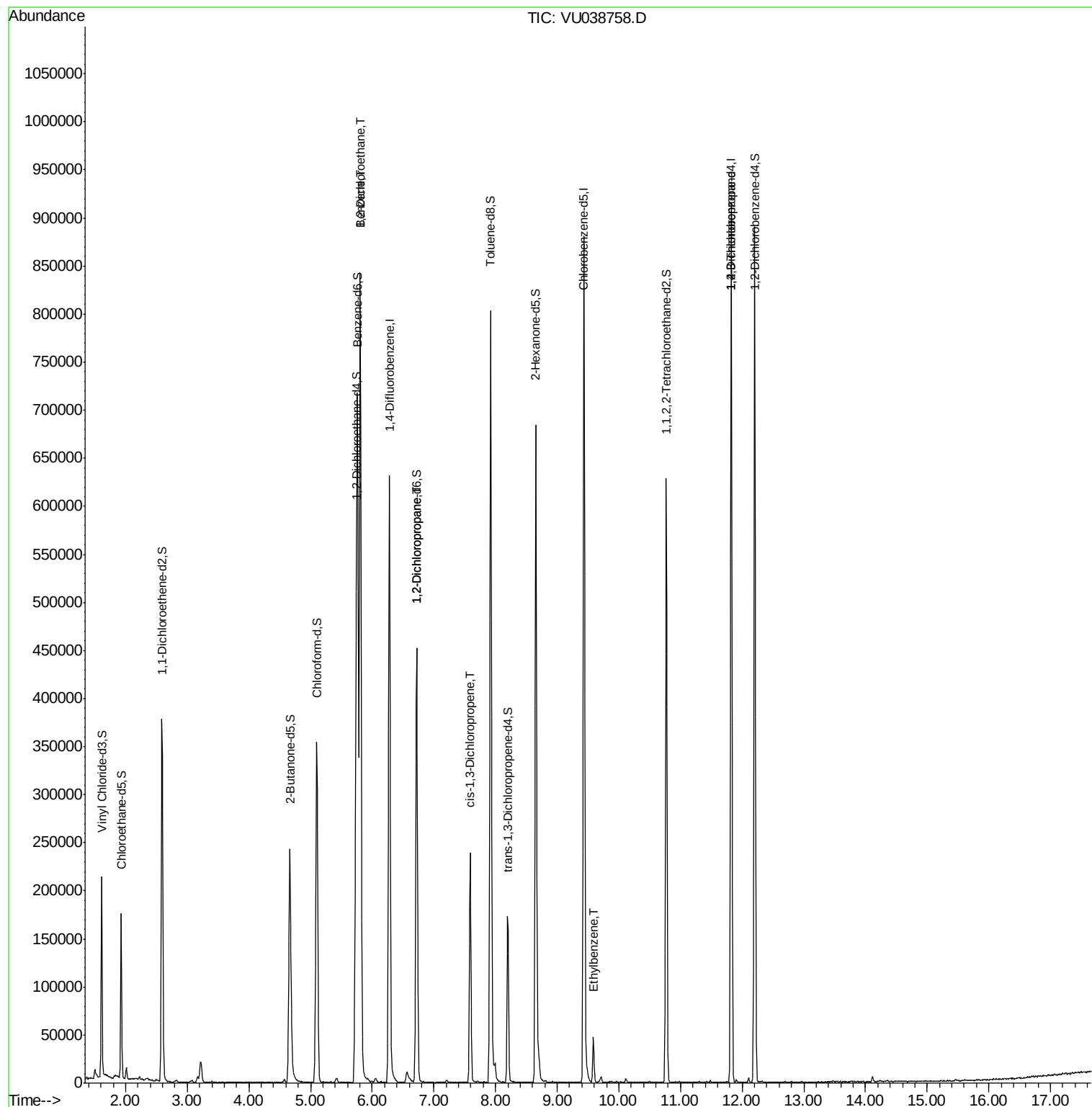
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
27) 1,2-Dichloroethane	5.81	62	7904	1.393	ug/L #	74
33) Benzene	5.81	78	800839	53.675	ug/L	100
37) 1,2-Dichloropropane	6.72	63	22998	5.915	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	5820	0.971	ug/L #	71
52) Ethylbenzene	9.59	91	32334	1.878	ug/L	98
59) 1,2,3-Trichloropropane	11.82	75	29210	5.358	ug/L	91

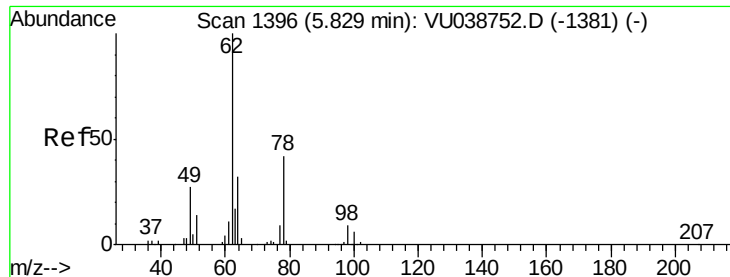
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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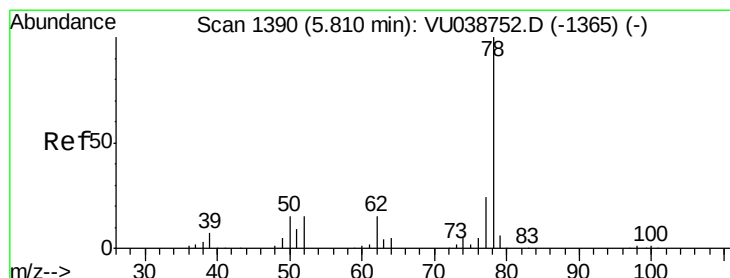
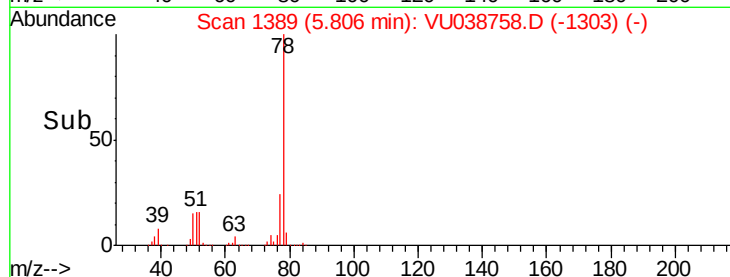
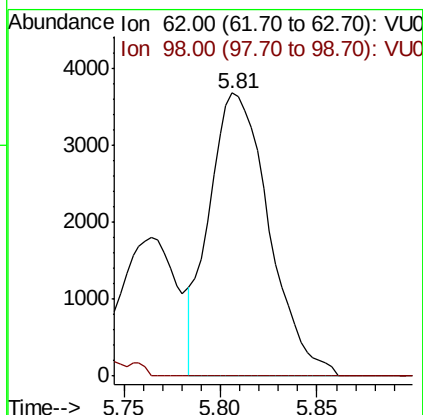
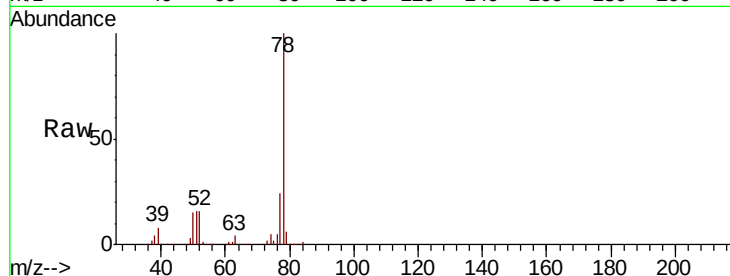




#27
 1,2-Dichloroethane
 Concen: 1.393 ug/L
 RT: 5.81 min Scan# 1389
 Delta R.T. -0.02 min
 Lab File: VU038758.D
 Acq: 10 Jun 2020 05:27

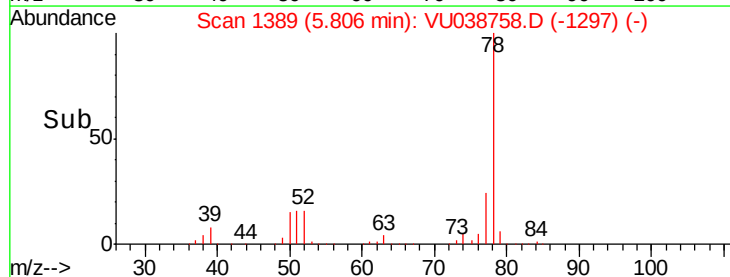
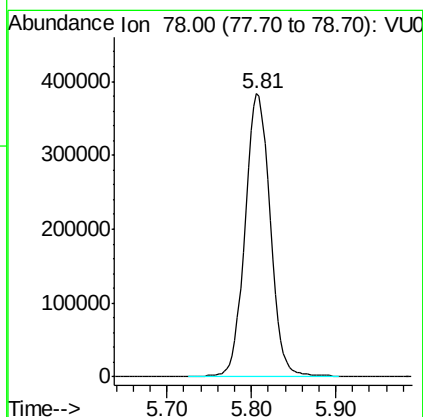
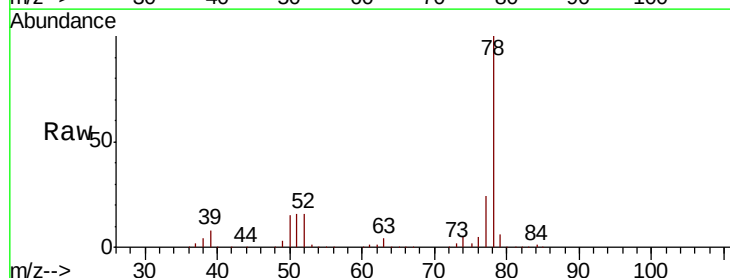
Instrument :
 MSVOA_U
 ClientSampleId :
 F9D93

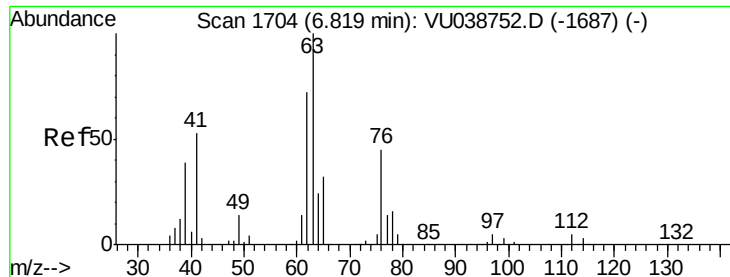
Tot Ion: 62 Resp: 7904
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.6#



#33
 Benzene
 Concen: 53.675 ug/L
 RT: 5.81 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VU038758.D
 Acq: 10 Jun 2020 05:27

Tgt Ion: 78 Resp: 800839

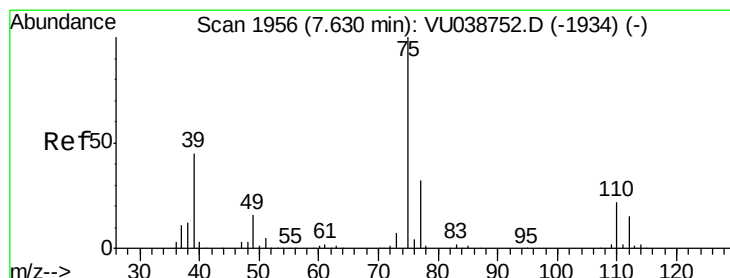
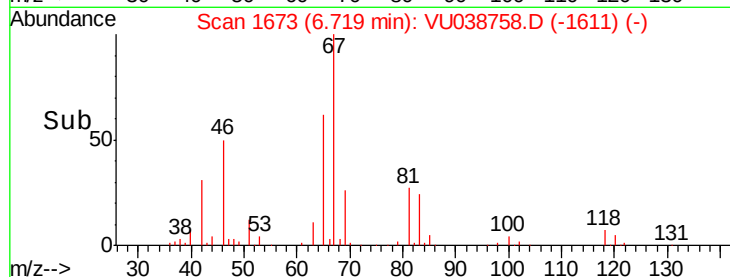
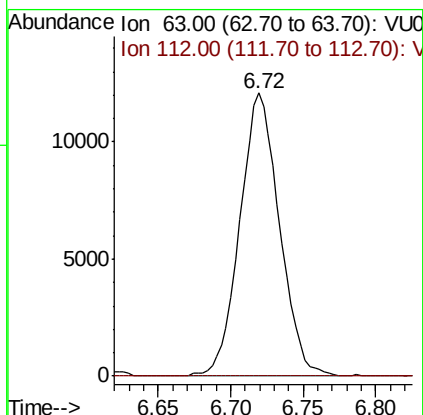
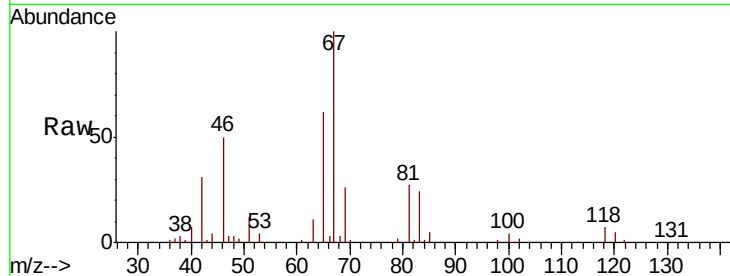




#37
 1,2-Dichloropropane
 Concen: 5.915 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038758.D
 Acq: 10 Jun 2020 05:27

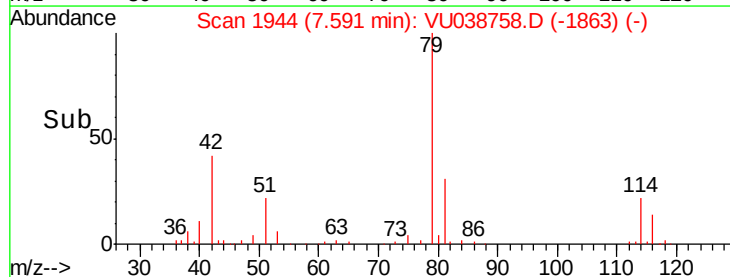
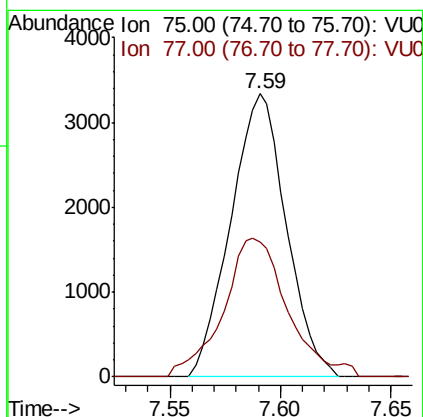
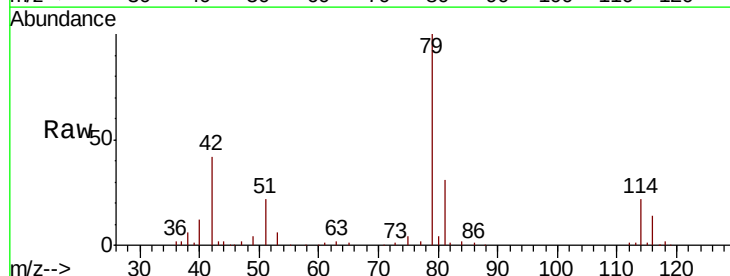
Instrument :
 MSVOA_U
 ClientSampled :
 F9D93

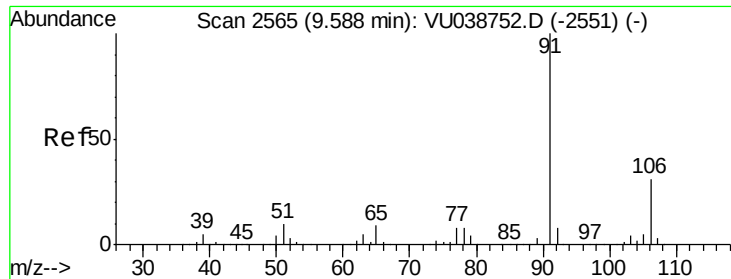
Tot Ion: 63 Resp: 22998
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.971 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038758.D
 Acq: 10 Jun 2020 05:27

Tgt Ion: 75 Resp: 5820
 Ion Ratio Lower Upper
 75 100
 77 47.8 22.2 41.2#





#52

Ethylbenzene

Concen: 1.878 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038758.D

Acq: 10 Jun 2020 05:27

Instrument :

MSVOA_U

ClientSampleId :

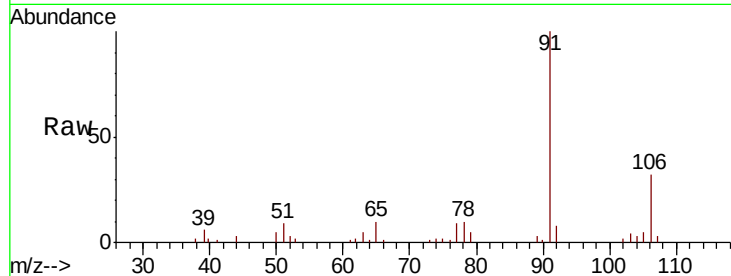
F9D93

Tot Ion: 91 Resp: 32334

Ion Ratio Lower Upper

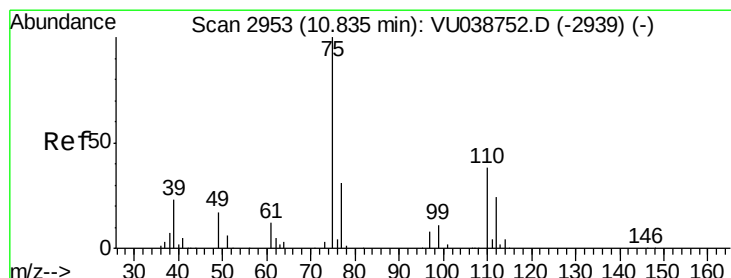
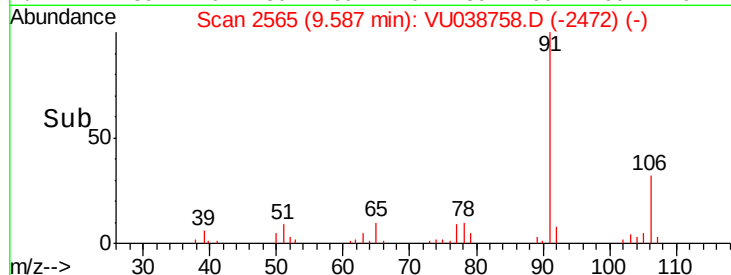
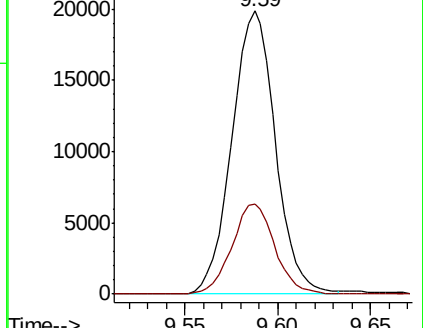
91 100

106 32.0 21.5 39.9



Abundance Ion 91.00 (90.70 to 91.70): VU038752.D (-2551) (-)

Ion 106.00 (105.70 to 106.70): VU038758.D (-2472) (-)



#59

1,2,3-Trichloropropane

Concen: 5.358 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.99 min

Lab File: VU038758.D

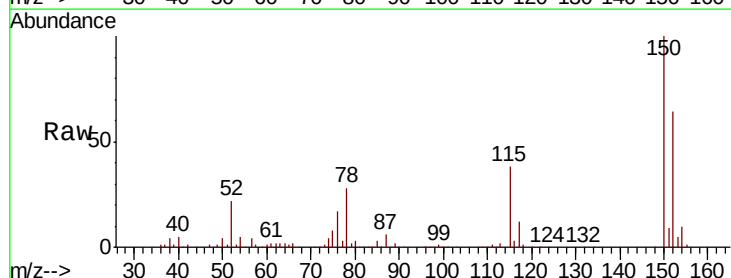
Acq: 10 Jun 2020 05:27

Tgt Ion: 75 Resp: 29210

Ion Ratio Lower Upper

75 100

77 36.5 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VU038752.D (-2939) (-)

Ion 77.00 (76.70 to 77.70): VU038758.D (-2331) (-)

