

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\
 Data File : VU038785.D
 Acq On : 10 Jun 2020 18:55
 Operator : SY/MD
 Sample : L2913-08 40X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D95DL

Quant Time: Jun 11 03:45:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 03:42:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	562871	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	545382	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	251298	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	189995	60.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	120.84%
7) Chloroethane-d5	1.93	69	151402	62.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	124.12%
11) 1,1-Dichloroethene-d2	2.59	63	293762	42.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.72%
21) 2-Butanone-d5	4.66	46	369015	120.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.62%
24) Chloroform-d	5.10	84	369709	54.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.06%
26) 1,2-Dichloroethane-d4	5.74	65	258446	57.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.02%
32) Benzene-d6	5.76	84	756591	57.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.18%
36) 1,2-Dichloropropane-d6	6.72	67	229763	56.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.50%
41) Toluene-d8	7.92	98	650420	54.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.58%
43) trans-1,3-Dichloropropene-	8.20	79	109804	53.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.74%
47) 2-Hexanone-d5	8.65	63	256950	119.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.23%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	326160	54.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.02%
64) 1,2-Dichlorobenzene-d4	12.20	152	253737	58.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.32%

Target Compounds

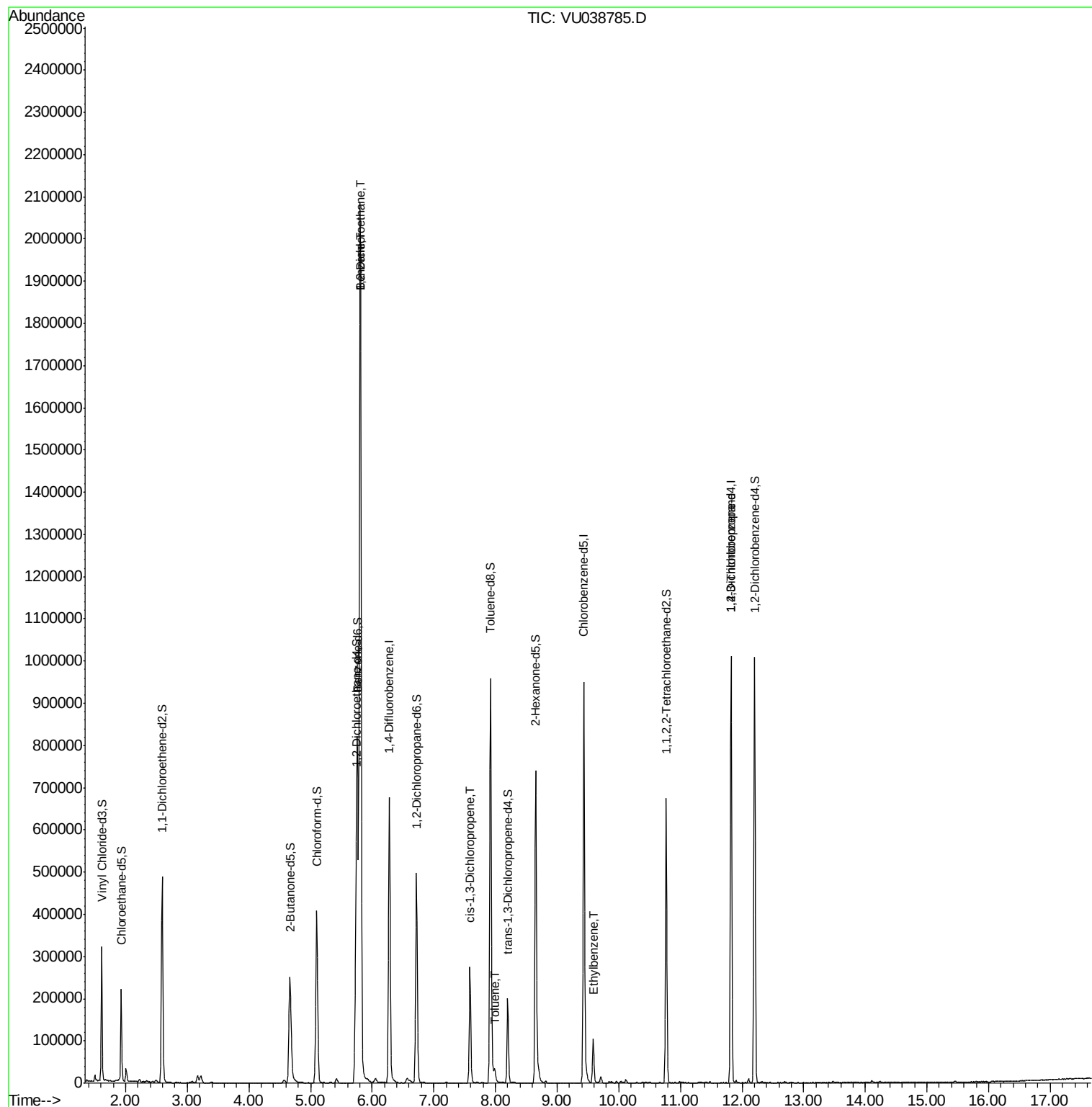
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
27) 1,2-Dichloroethane	5.81	62	18702	3.058	ug/L #	74
33) Benzene	5.81	78	2000210	123.505	ug/L	100
39) cis-1,3-Dichloropropene	7.58	75	7173	1.102	ug/L #	80
42) Toluene	7.99	91	16527	0.976	ug/L	94
52) Ethylbenzene	9.59	91	74472	3.985	ug/L	98
59) 1,2,3-Trichloropropane	11.82	75	31773	5.369	ug/L	92

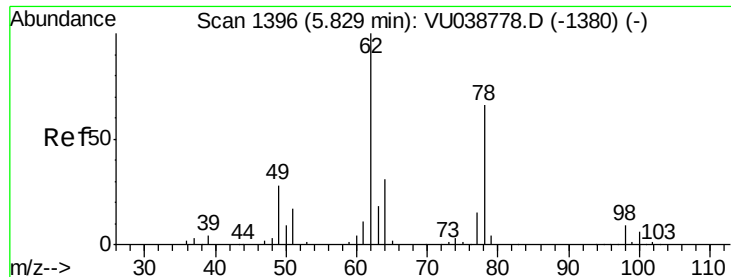
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#27

1,2-Dichloroethane

Concen: 3.058 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.02 min

Lab File: VU038785.D

Acq: 10 Jun 2020 18:55

Instrument :

MSVOA_U

ClientSampleId :

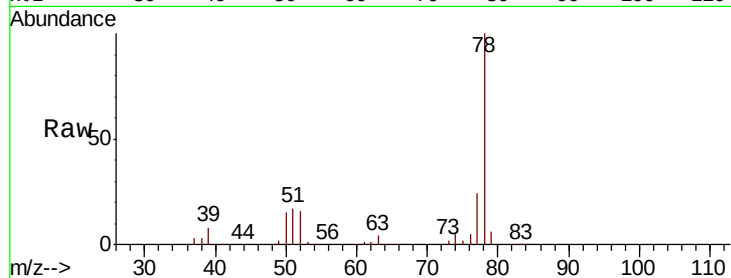
F9D95DL

Tot Ion: 62 Resp: 18702

Ion Ratio Lower Upper

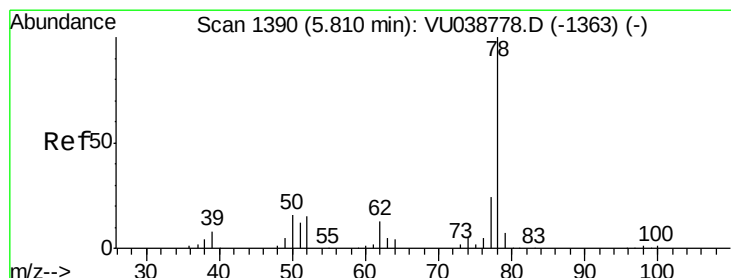
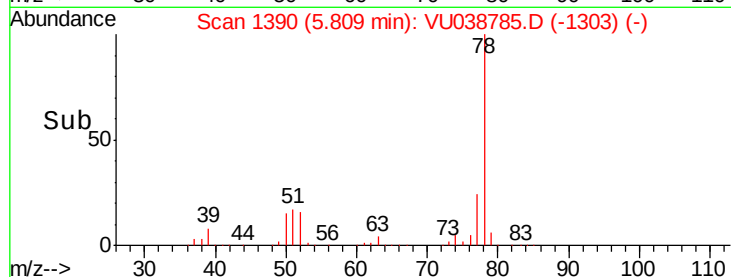
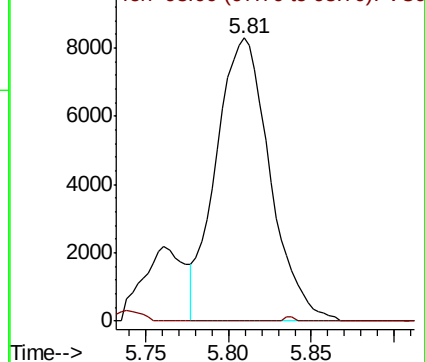
62 100

98 0.0 7.8 11.6#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#33

Benzene

Concen: 123.505 ug/L

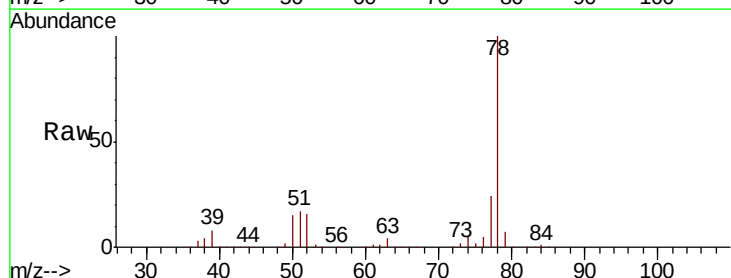
RT: 5.81 min Scan# 1389

Delta R.T. -0.00 min

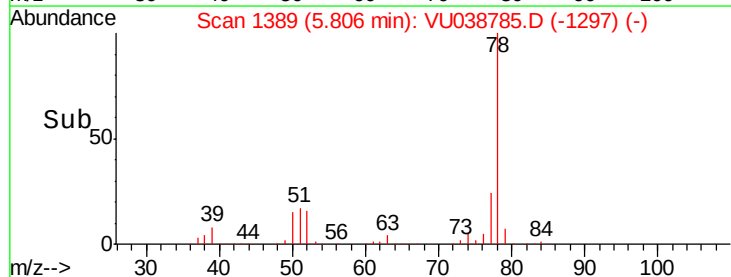
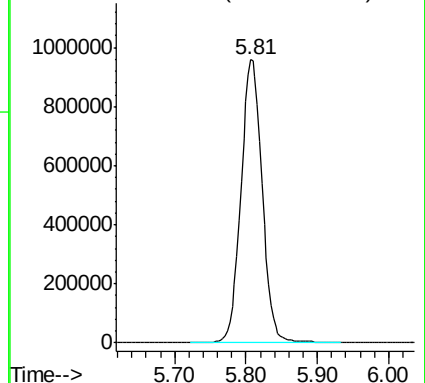
Lab File: VU038785.D

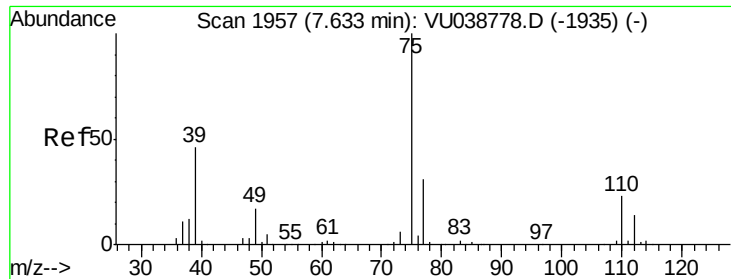
Acq: 10 Jun 2020 18:55

Tgt Ion: 78 Resp: 2000210



Abundance Ion 78.00 (77.70 to 78.70): VU0

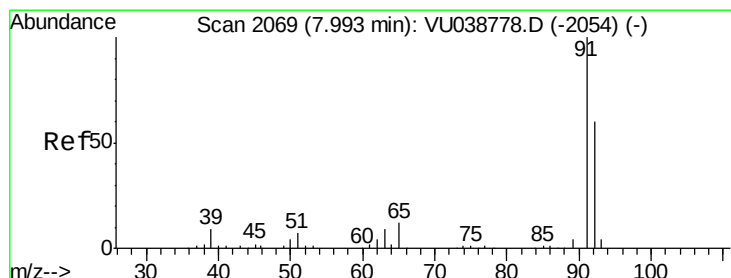
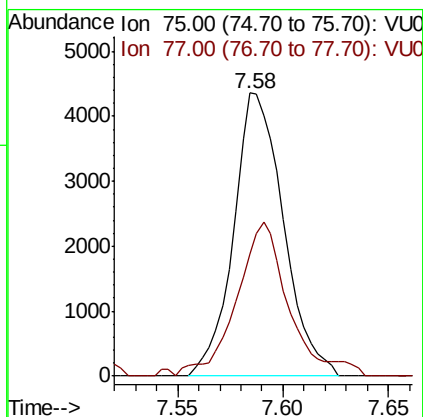
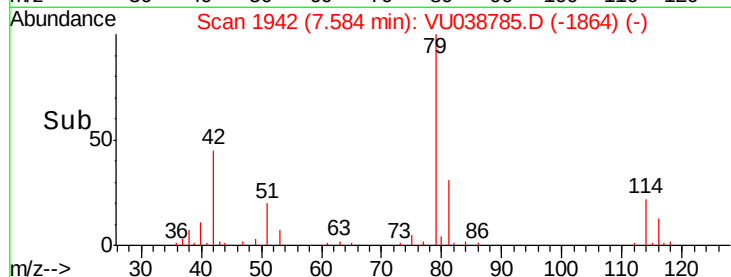
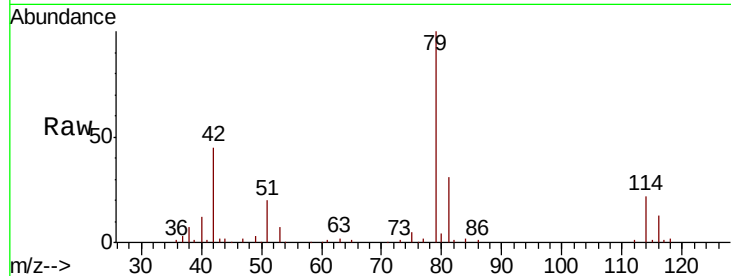




#39
 cis-1,3-Dichloropropene
 Concen: 1.102 ug/L
 RT: 7.58 min Scan# 1942
 Delta R.T. -0.05 min
 Lab File: VU038785.D
 Acq: 10 Jun 2020 18:55

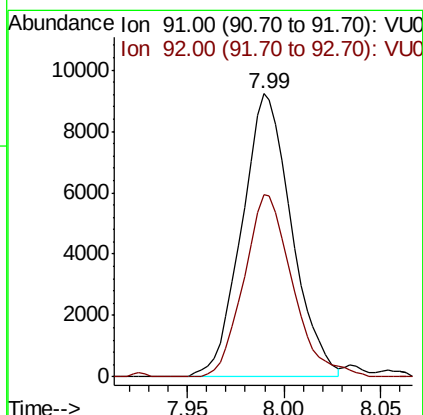
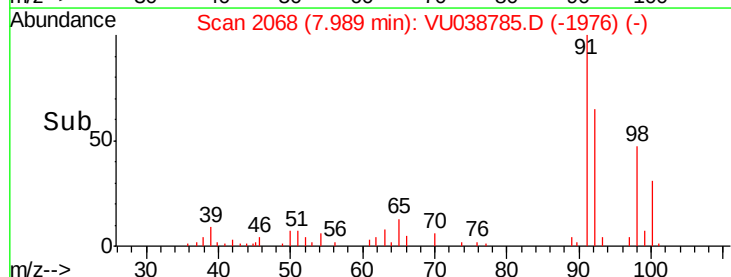
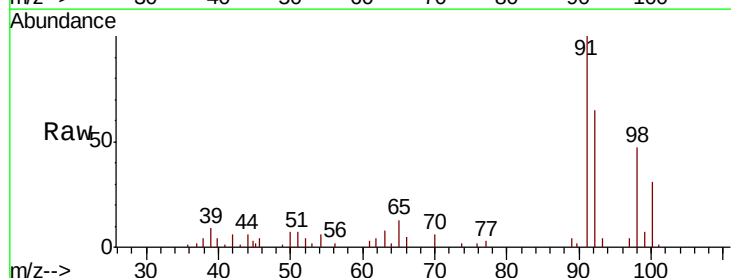
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 F9D95DL

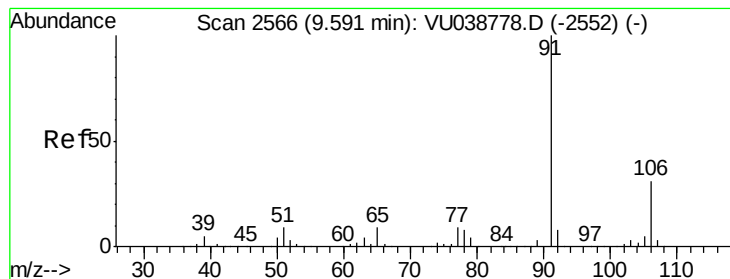
Tot Ion: 75 Resp: 7173
 Ion Ratio Lower Upper
 75 100
 77 43.0 22.2 41.2#



#42
 Toluene
 Concen: 0.976 ug/L
 RT: 7.99 min Scan# 2068
 Delta R.T. -0.00 min
 Lab File: VU038785.D
 Acq: 10 Jun 2020 18:55

Tgt Ion: 91 Resp: 16527
 Ion Ratio Lower Upper
 91 100
 92 64.5 42.2 78.4





#52

Ethylbenzene

Concen: 3.985 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038785.D

Acq: 10 Jun 2020 18:55

Instrument :

MSVOA_U

ClientSampleId :

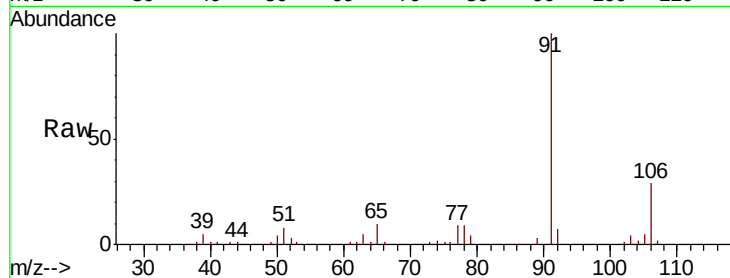
F9D95DL

Tot Ion: 91 Resp: 74472

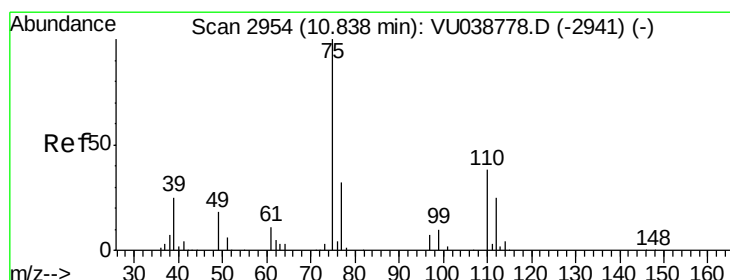
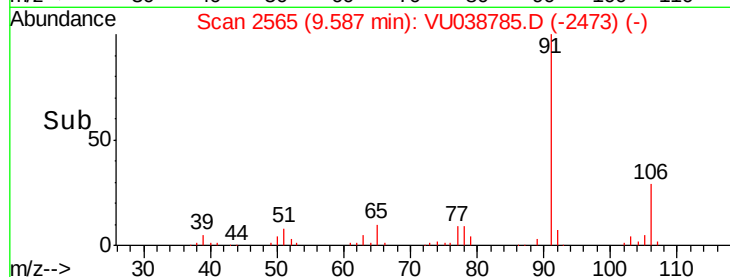
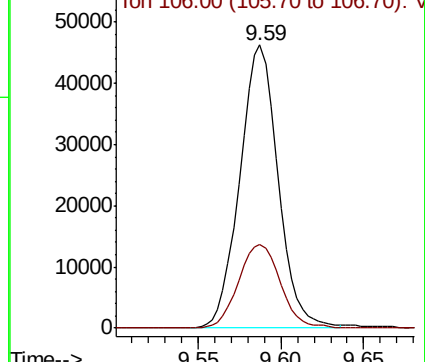
Ion Ratio Lower Upper

91 100

106 29.4 21.5 39.9



Abundance Ion 91.00 (90.70 to 91.70): VU038778.D (-2552) (-)



#59

1,2,3-Trichloropropane

Concen: 5.369 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038785.D

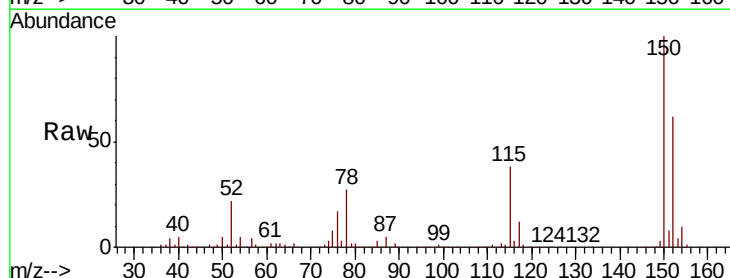
Acq: 10 Jun 2020 18:55

Tgt Ion: 75 Resp: 31773

Ion Ratio Lower Upper

75 100

77 36.3 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VU038778.D (-2941) (-)

