

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\
 Data File : VU038784.D
 Acq On : 10 Jun 2020 18:33
 Operator : SY/MD
 Sample : L2913-07 40X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D93DL

Quant Time: Jun 11 03:44:55 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	566716	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	549667	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	253415	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	193155	61.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	122.00%
7) Chloroethane-d5	1.93	69	157690	64.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	128.40%
11) 1,1-Dichloroethene-d2	2.59	63	293235	42.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.98%
21) 2-Butanone-d5	4.66	46	357278	115.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.99%
24) Chloroform-d	5.10	84	376569	55.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.32%
26) 1,2-Dichloroethane-d4	5.74	65	260462	57.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.12%
32) Benzene-d6	5.76	84	761541	57.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.04%
36) 1,2-Dichloropropane-d6	6.72	67	233082	57.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.24%
41) Toluene-d8	7.92	98	661896	55.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.64%
43) trans-1,3-Dichloropropene-	8.20	79	109801	53.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.90%
47) 2-Hexanone-d5	8.65	63	247444	113.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	323769	53.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.38%
64) 1,2-Dichlorobenzene-d4	12.20	152	261866	59.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.04%

Target Compounds

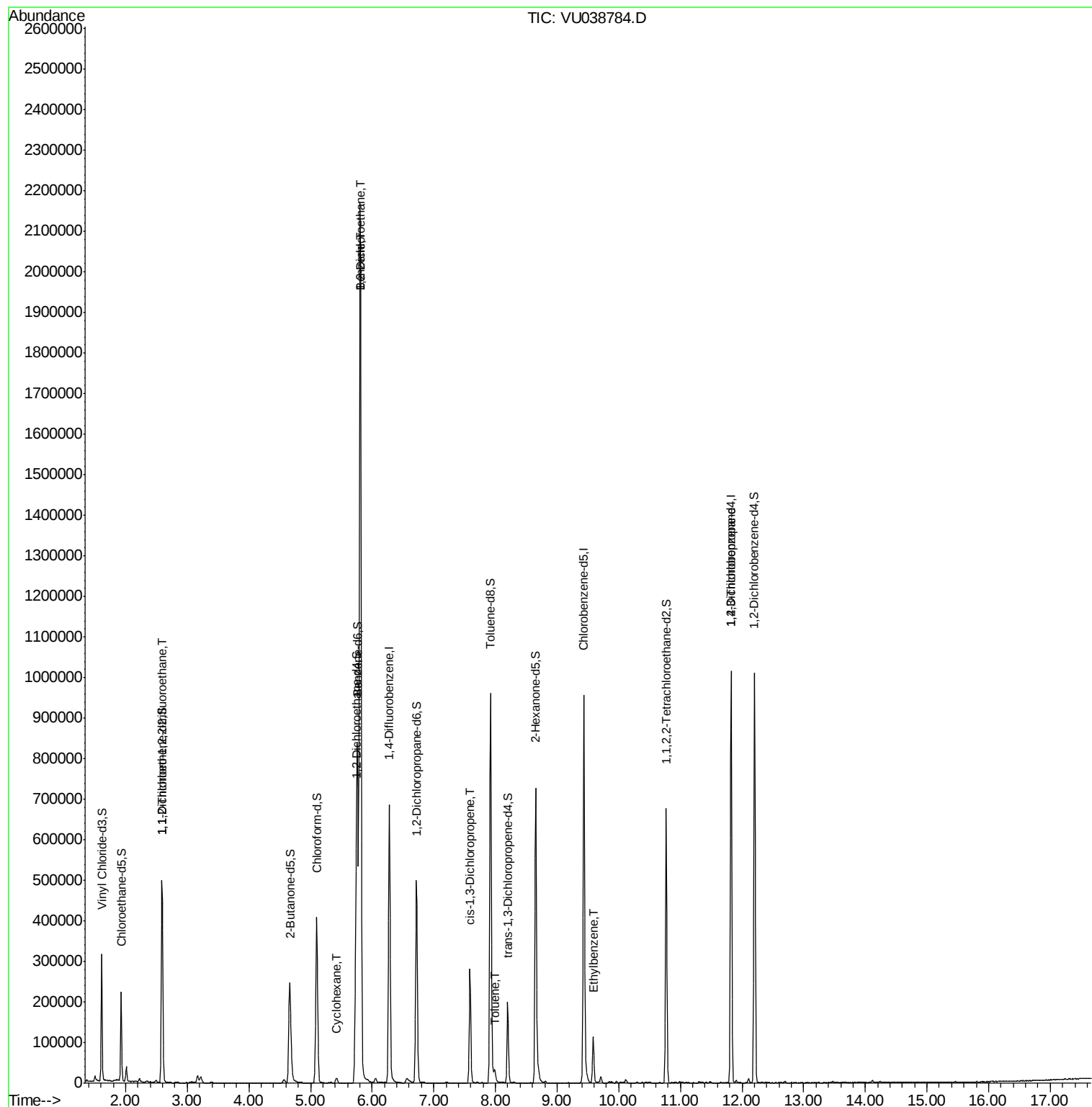
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2837	0.779 ug/L #	22
27) 1,2-Dichloroethane	5.81	62	19093	3.101 ug/L #	74
29) Cyclohexane	5.42	56	5233	0.832 ug/L	96
33) Benzene	5.81	78	2028735	124.289 ug/L	100
39) cis-1,3-Dichloropropene	7.59	75	6932	1.057 ug/L #	55
42) Toluene	7.99	91	17288	1.013 ug/L	97
52) Ethylbenzene	9.59	91	82283	4.368 ug/L	99
59) 1,2,3-Trichloropropane	11.82	75	32314	5.418 ug/L	89

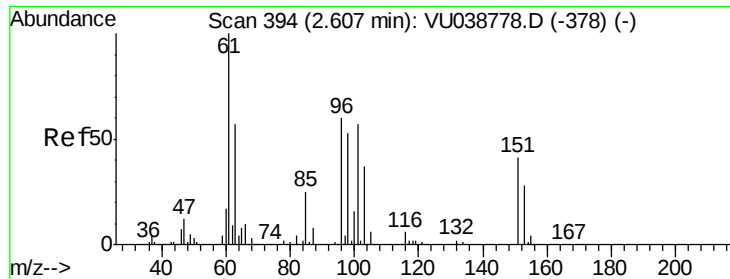
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 11 03:42:48 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.779 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU038784.D

Acq: 10 Jun 2020 18:33

Instrument :

MSVOA_U

ClientSampleId :

F9D93DL

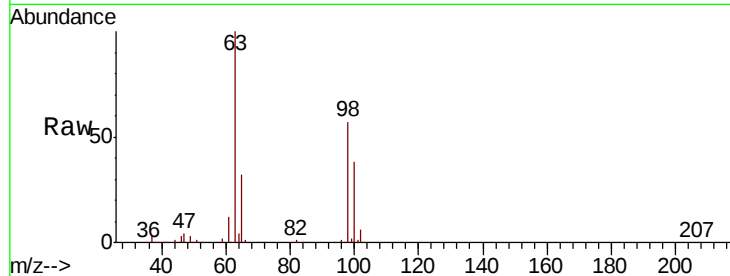
Tot Ion:101 Resp: 2837

Ion Ratio Lower Upper

101 100

85 1.4 35.1 52.7#

151 0.0 57.4 86.0#

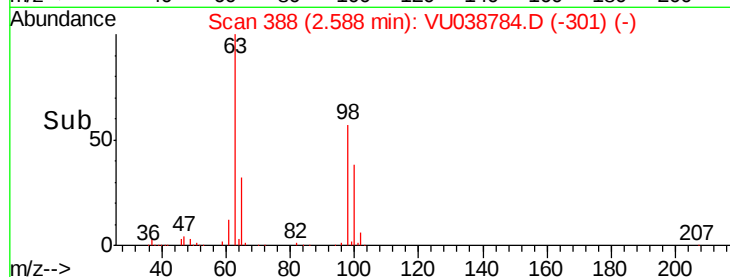


Abundance Ion 101.00 (100.70 to 101.70): V

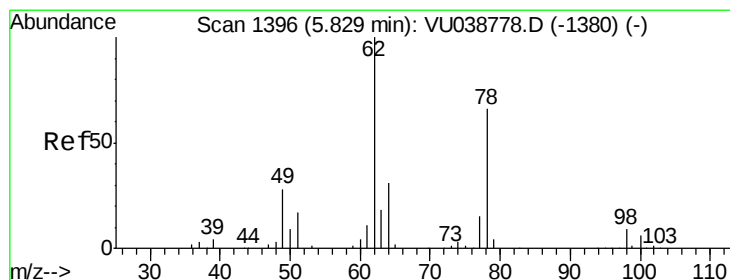
Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

2.59



Time-->



#27

1,2-Dichloroethane

Concen: 3.101 ug/L

RT: 5.81 min Scan# 1389

Delta R.T. -0.02 min

Lab File: VU038784.D

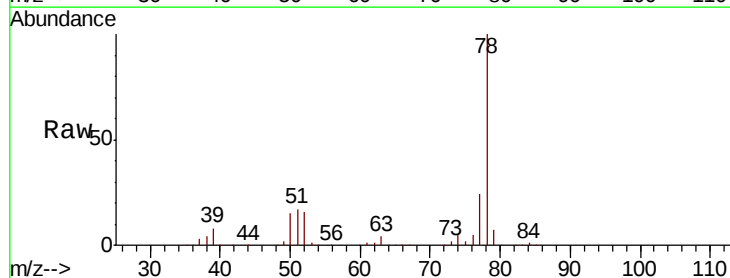
Acq: 10 Jun 2020 18:33

Tgt Ion: 62 Resp: 19093

Ion Ratio Lower Upper

62 100

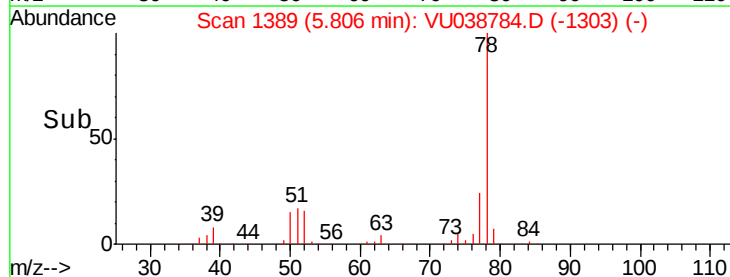
98 0.0 7.8 11.6#



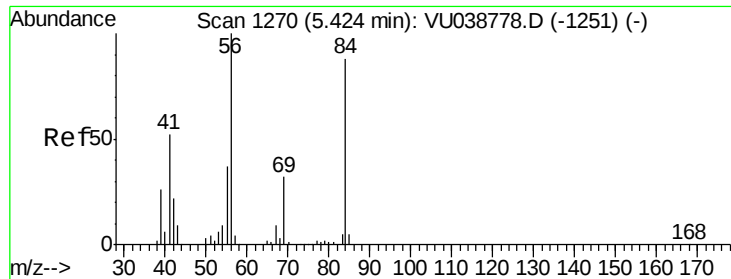
Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

5.81



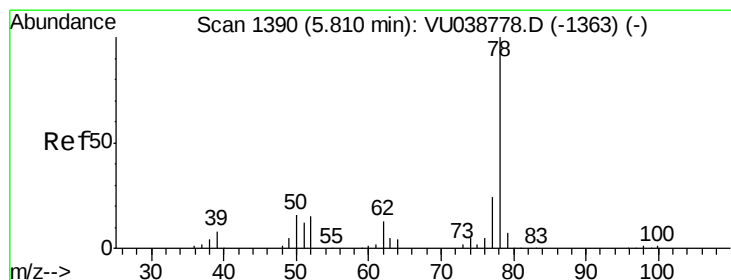
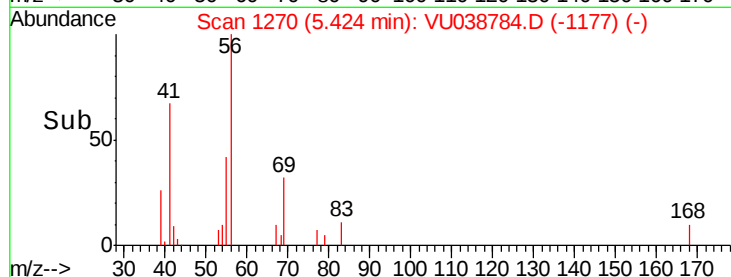
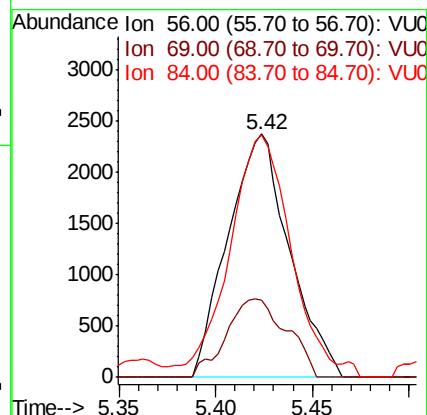
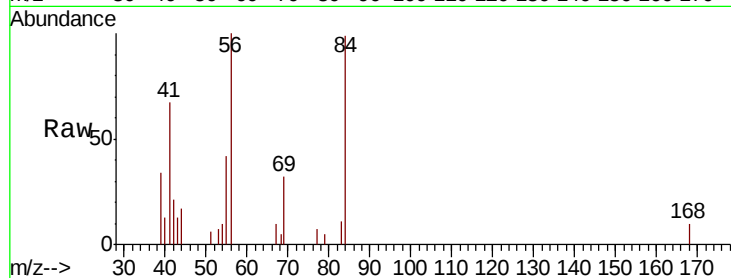
Time-->



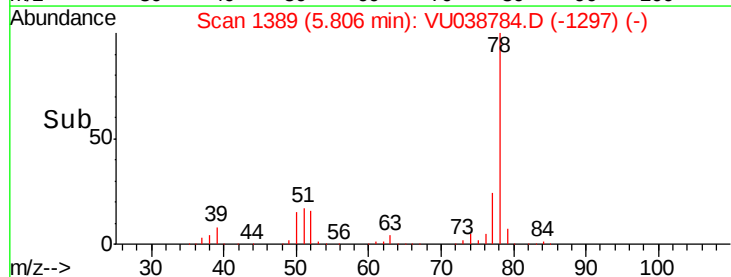
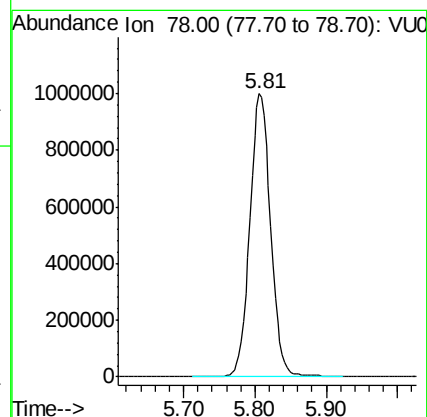
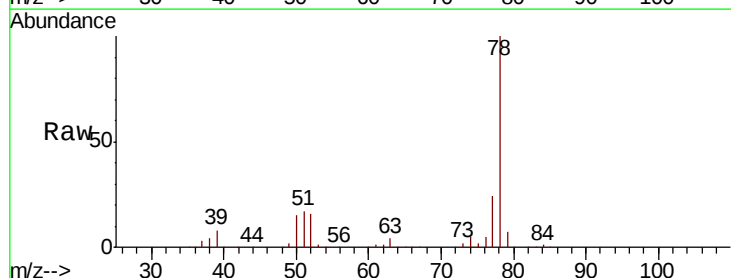
#29
Cyclohexane
Concen: 0.832 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038784.D
Acq: 10 Jun 2020 18:33

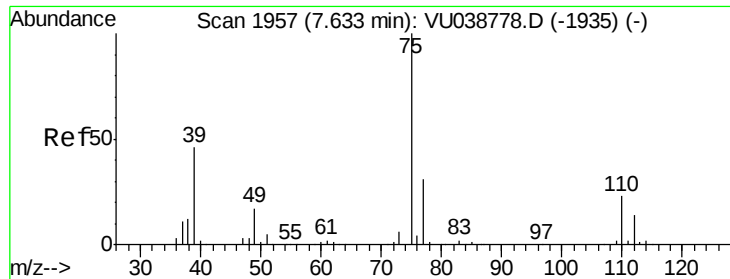
Instrument :
MSVOA_U
ClientSampleId :
F9D93DL

Tot Ion: 56 Resp: 5233
Ion Ratio Lower Upper
56 100
69 29.8 25.1 37.7
84 92.4 70.5 105.7



#33
Benzene
Concen: 124.289 ug/L
RT: 5.81 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VU038784.D
Acq: 10 Jun 2020 18:33
Tgt Ion: 78 Resp: 2028735

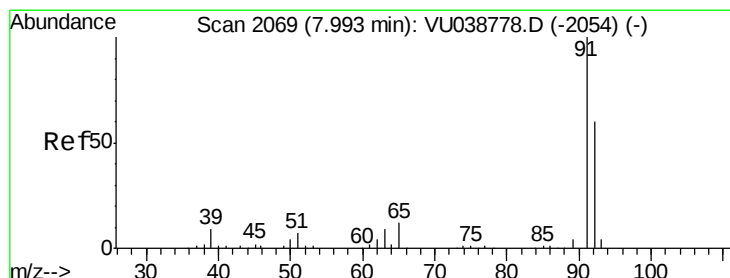
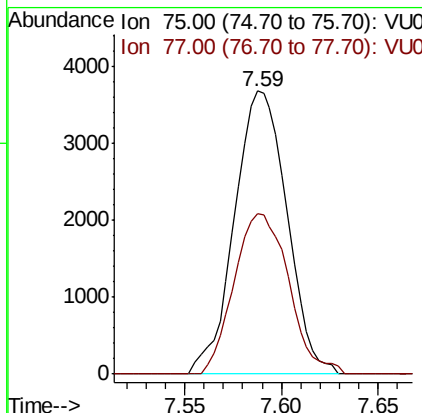
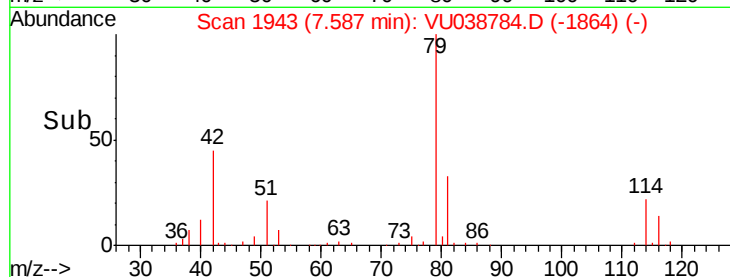
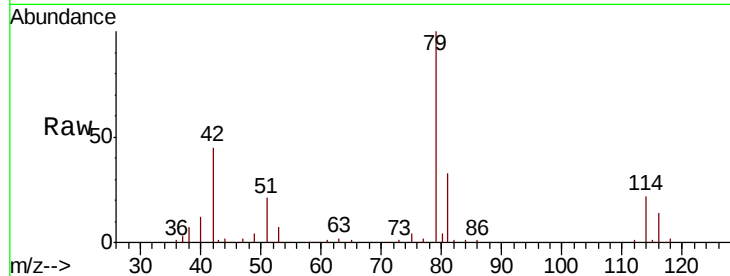




#39
 cis-1,3-Dichloropropene
 Concen: 1.057 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU038784.D
 Acq: 10 Jun 2020 18:33

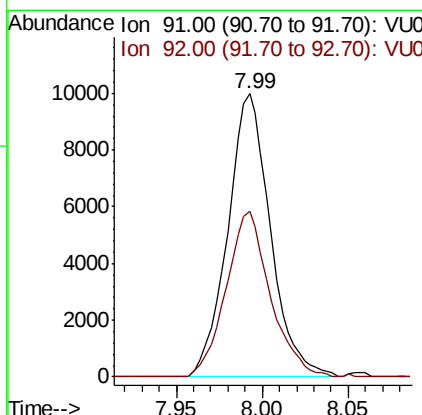
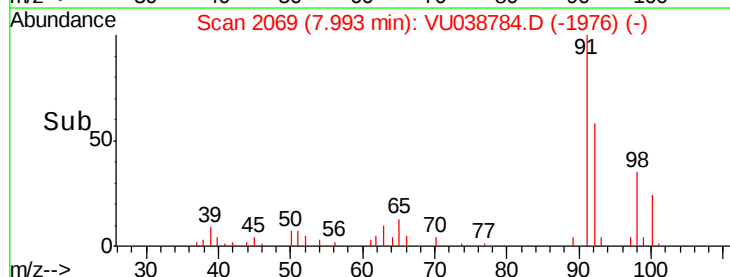
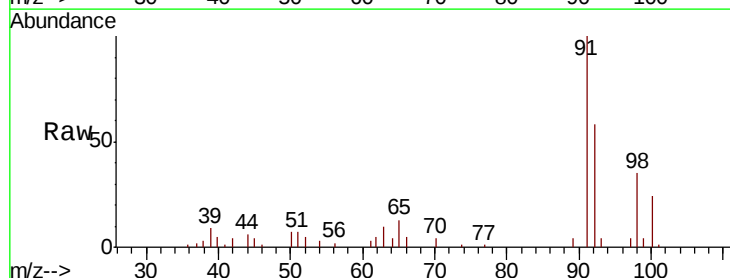
Instrument :
 MSVOA_U
 ClientSampleId :
 F9D93DL

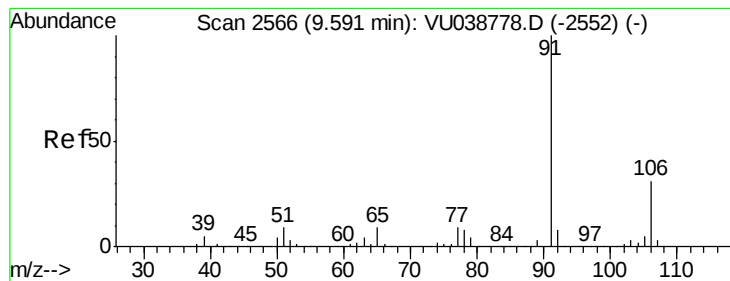
Tot Ion: 75 Resp: 6932
 Ion Ratio Lower Upper
 75 100
 77 56.9 22.2 41.2#



#42
 Toluene
 Concen: 1.013 ug/L
 RT: 7.99 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: VU038784.D
 Acq: 10 Jun 2020 18:33

Tgt Ion: 91 Resp: 17288
 Ion Ratio Lower Upper
 91 100
 92 58.3 42.2 78.4





#52

Ethylbenzene

Concen: 4.368 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038784.D

Acq: 10 Jun 2020 18:33

Instrument :

MSVOA_U

ClientSampled :

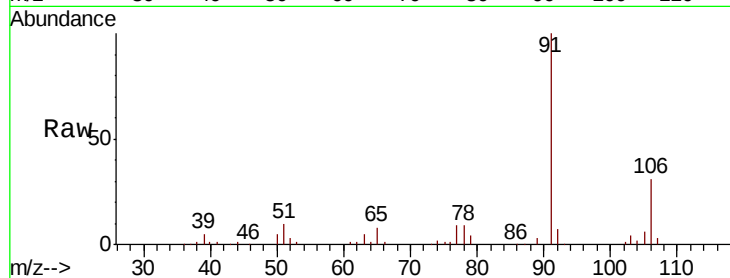
F9D93DL

Tot Ion: 91 Resp: 82283

Ion Ratio Lower Upper

91 100

106 31.4 21.5 39.9



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

Ion 106.00 (105.70 to 106.70): VU038778.D (-2552) (-)

9.59

50000

40000

30000

20000

10000

0

9.50

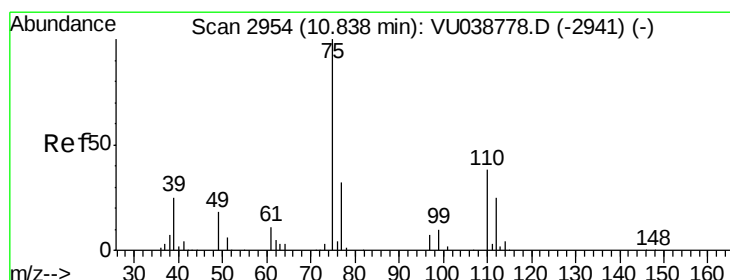
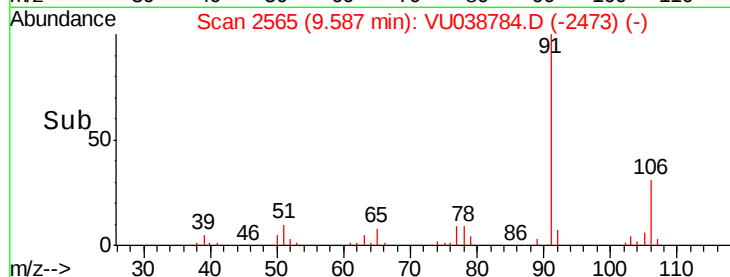
9.55

9.60

9.65

9.70

Time-->



#59

1,2,3-Trichloropropane

Concen: 5.418 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038784.D

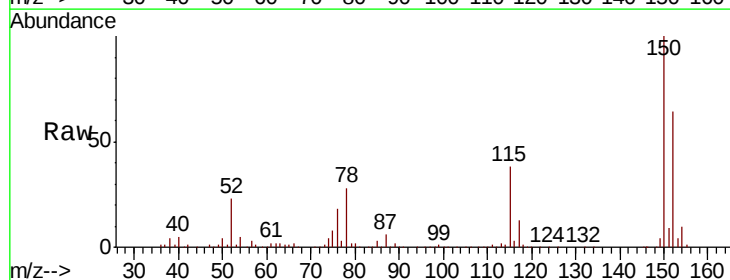
Acq: 10 Jun 2020 18:33

Tgt Ion: 75 Resp: 32314

Ion Ratio Lower Upper

75 100

77 37.8 25.3 37.9



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

Ion 77.00 (76.70 to 77.70): VU038778.D (-2941) (-)

11.82

25000

20000

15000

10000

5000

0

11.75

11.80

11.85

Time-->

