

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053020\
 Data File : VU038394.D
 Acq On : 29 May 2020 22:20
 Operator : JC/MD
 Sample : L2766-13DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4Z6DL

Quant Time: May 30 02:10:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 00:03:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	300418	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	294780	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	145551	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	92388	3.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.20%
7) Chloroethane-d5	1.93	69	87038	3.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.20%
11) 1,1-Dichloroethene-d2	2.59	63	144934	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.67	46	349394	51.53	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.06%
24) Chloroform-d	5.10	84	202809	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.74	65	117624	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.76	84	416099	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.72	67	131155	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.92	98	359756	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.20	79	50246	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.65	63	278968	51.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.46%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	106696	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	146568	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

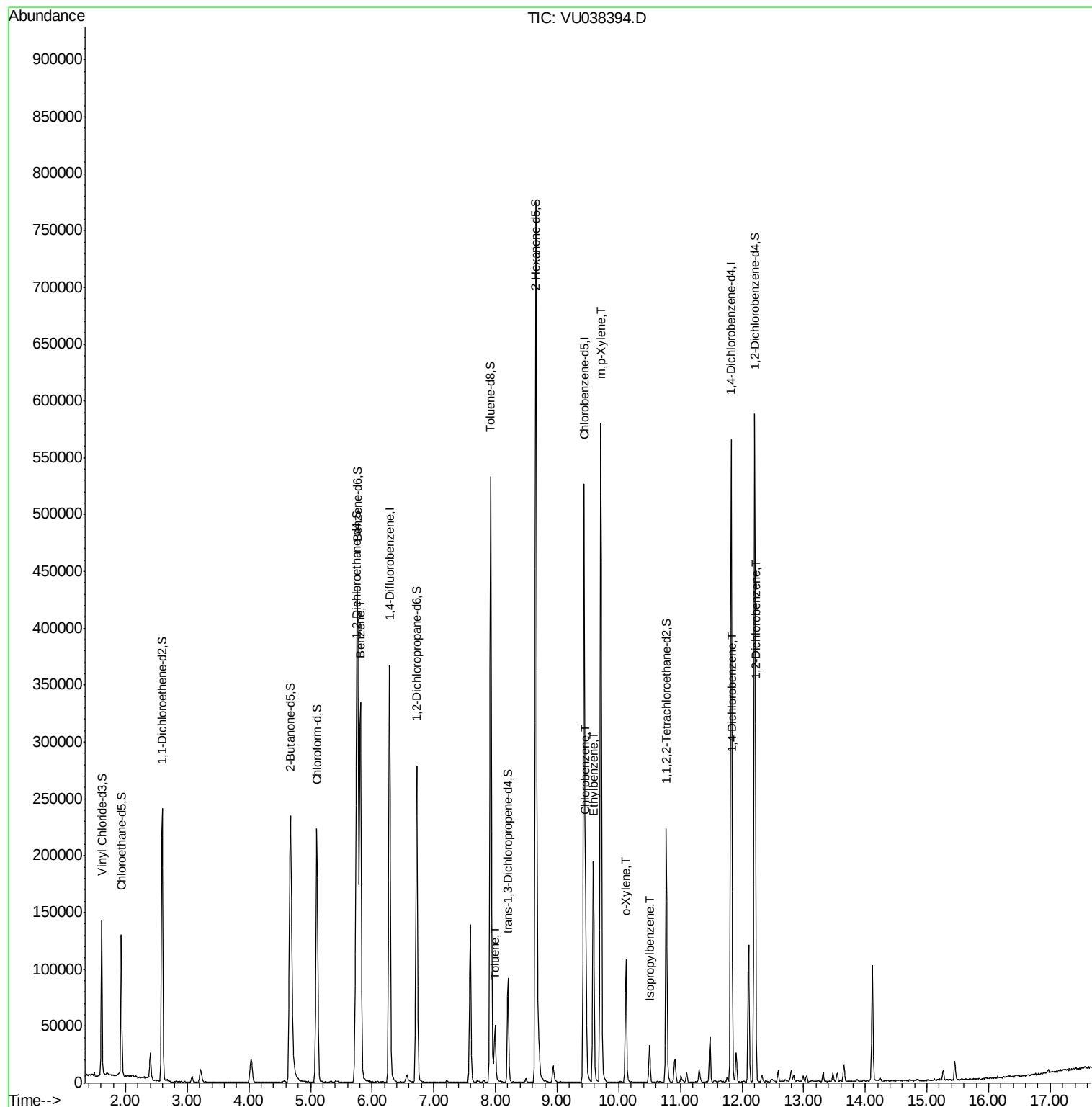
						Qvalue
33) Benzene	5.81	78	315533	3.34	ug/L	100
42) Toluene	7.99	91	34470	0.35	ug/L	99
51) Chlorobenzene	9.46	112	62236	1.01	ug/L	96
52) Ethylbenzene	9.59	91	142394	1.32	ug/L	99
53) m,p-Xylene	9.71	106	169812	4.10	ug/L	100
54) o-Xylene	10.12	106	29444	0.74	ug/L	96
56) Isopropylbenzene	10.50	105	20573	0.20	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	5227	0.11	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	11161	0.24	ug/L	97

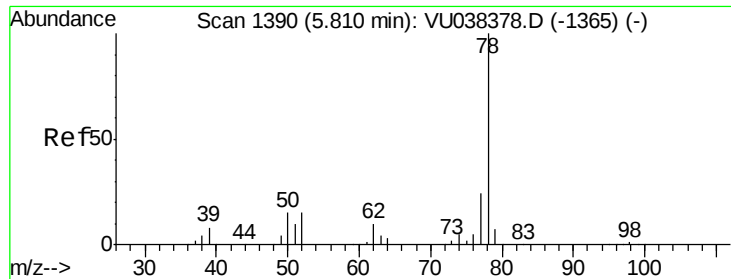
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053020\
Data File : VU038394.D
Acq On : 29 May 2020 22:20
Operator : JC/MD
Sample : L2766-13DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4Z6DL

Quant Time: May 30 02:10:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 30 00:03:10 2020
Response via : Initial Calibration





#33

Benzene

Concen: 3.34 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU038394.D

Acq: 29 May 2020 22:20

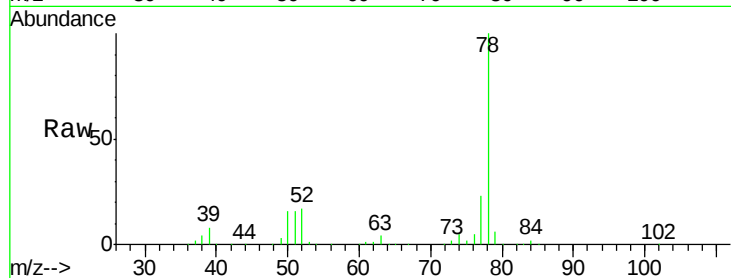
Instrument :

MSVOA_U

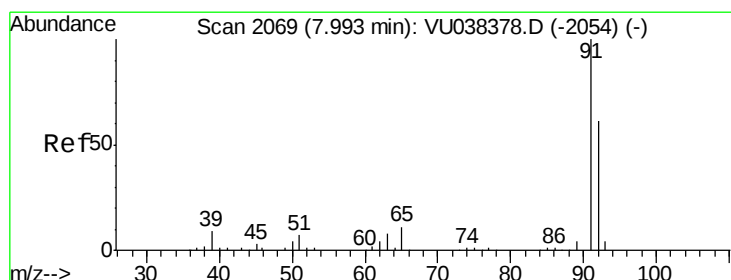
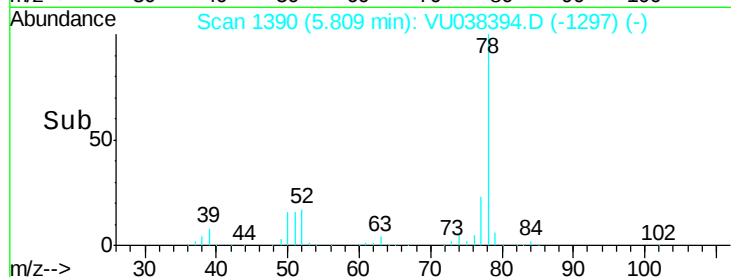
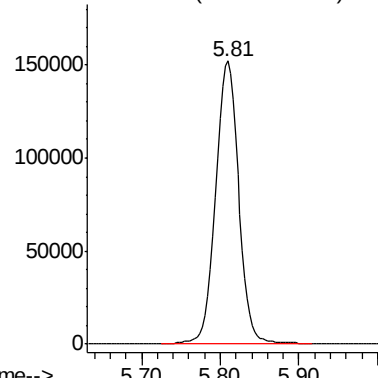
ClientSampleId :

BE4Z6DL

Tgt Ion: 78 Resp: 315533



Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.35 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038394.D

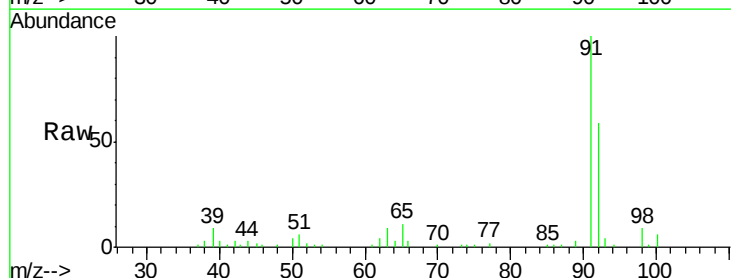
Acq: 29 May 2020 22:20

Tgt Ion: 91 Resp: 34470

Ion Ratio Lower Upper

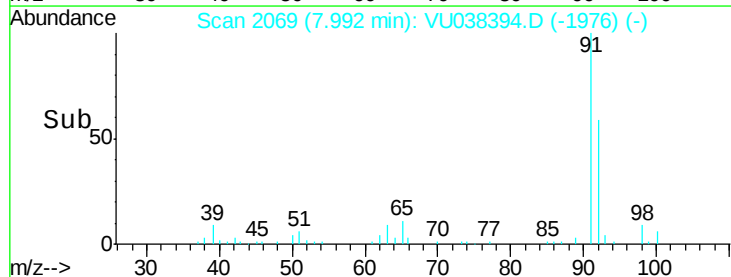
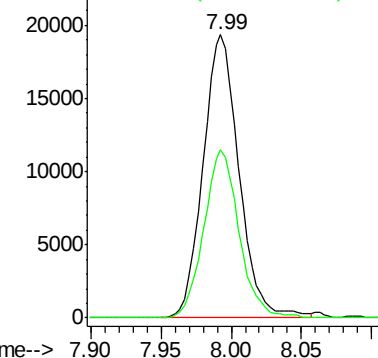
91 100

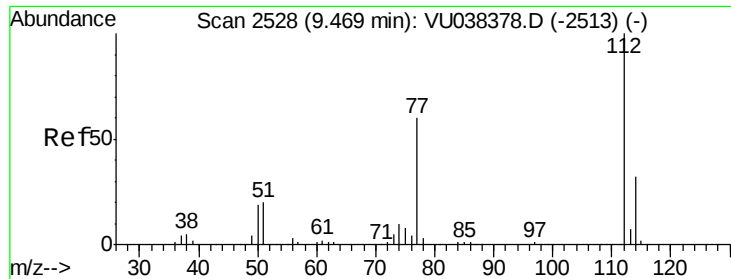
92 59.3 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#51

Chlorobenzene

Concen: 1.01 ug/L

RT: 9.46 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU038394.D

Acq: 29 May 2020 22:20

Instrument :

MSVOA_U

ClientSampleId :

BE4Z6DL

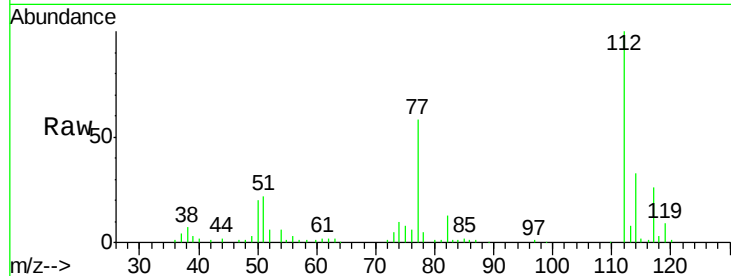
Tgt Ion: 112 Resp: 62236

Ion Ratio Lower Upper

112 100

114 32.6 22.5 41.7

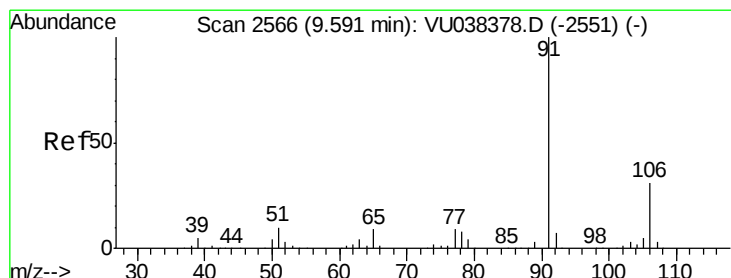
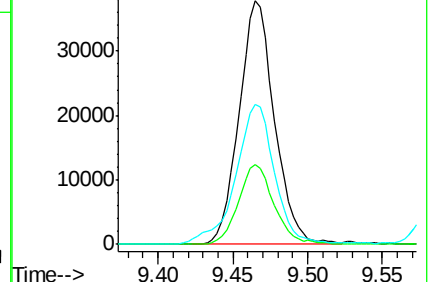
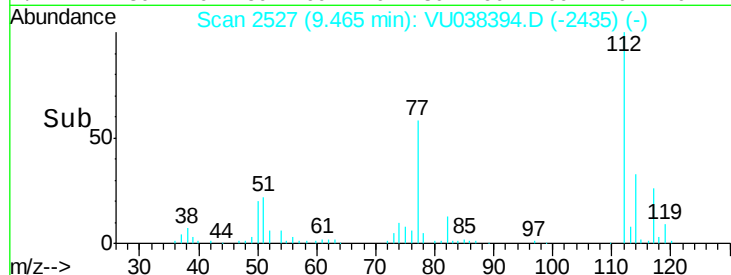
77 57.7 49.9 74.9



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V



#52

Ethylbenzene

Concen: 1.32 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038394.D

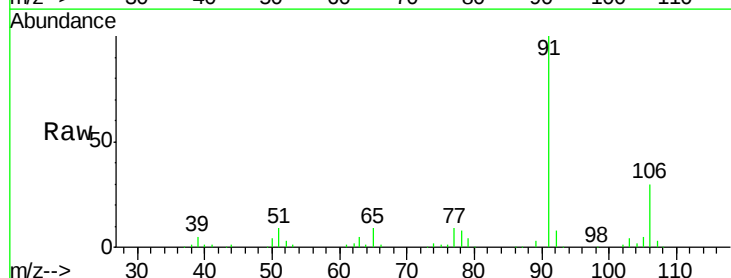
Acq: 29 May 2020 22:20

Tgt Ion: 91 Resp: 142394

Ion Ratio Lower Upper

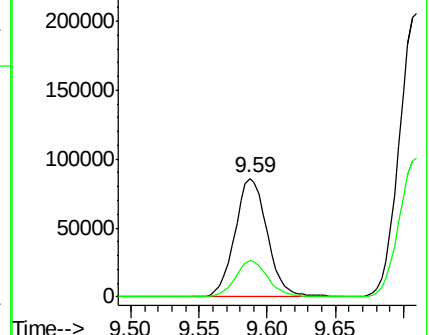
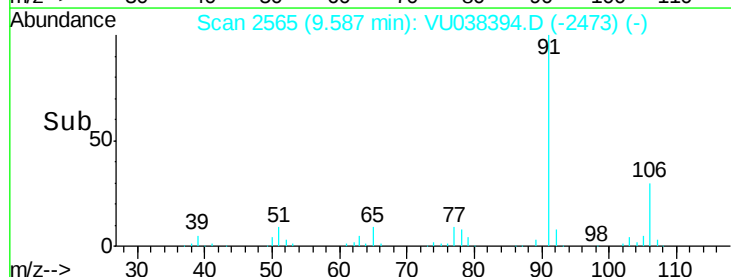
91 100

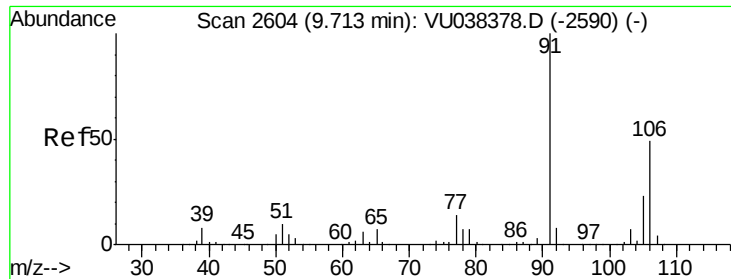
106 30.4 21.8 40.4



Abundance Ion 91.15 (90.85 to 91.85): V

Ion 106.15 (105.85 to 106.85): V





#53

m,p-Xylene

Concen: 4.10 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU038394.D

Acq: 29 May 2020 22:20

Instrument :

MSVOA_U

ClientSampleId :

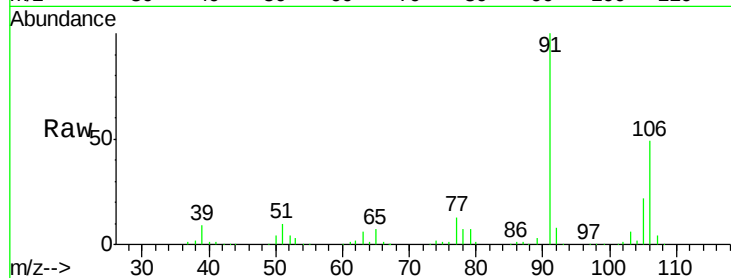
BE4Z6DL

Tgt Ion:106 Resp: 169812

Ion Ratio Lower Upper

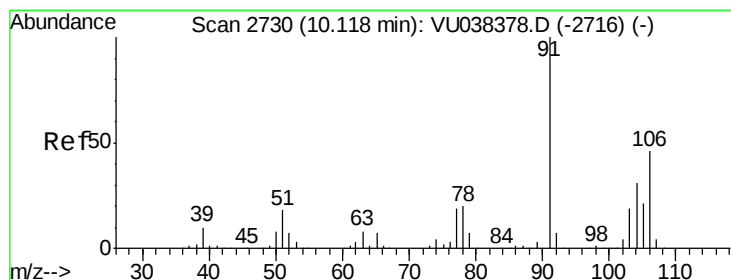
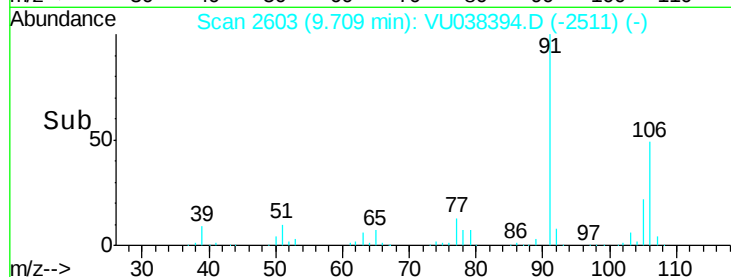
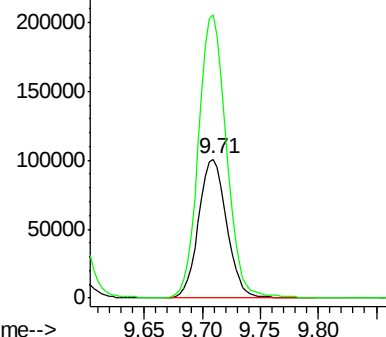
106 100

91 203.2 142.1 263.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 0.74 ug/L

RT: 10.12 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VU038394.D

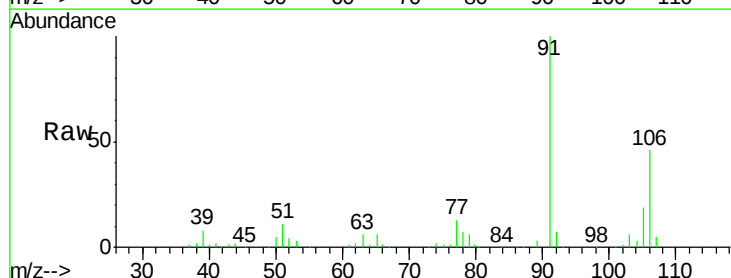
Acq: 29 May 2020 22:20

Tgt Ion:106 Resp: 29444

Ion Ratio Lower Upper

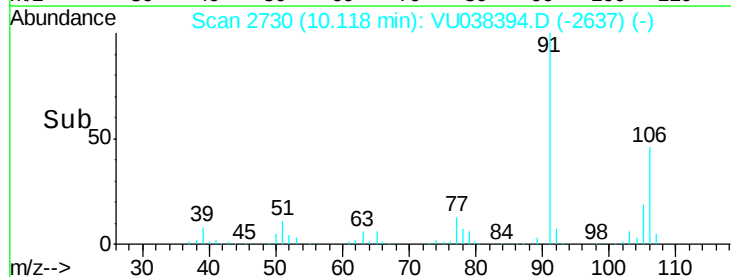
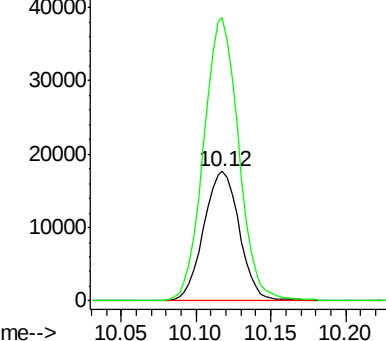
106 100

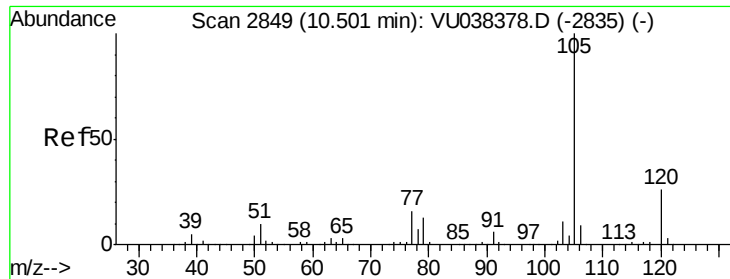
91 218.6 148.5 275.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#56

Isopropylbenzene

Concen: 0.20 ug/L

RT: 10.50 min Scan# 2849

Delta R.T. -0.00 min

Lab File: VU038394.D

Acq: 29 May 2020 22:20

Instrument :

MSVOA_U

ClientSampleId :

BE4Z6DL

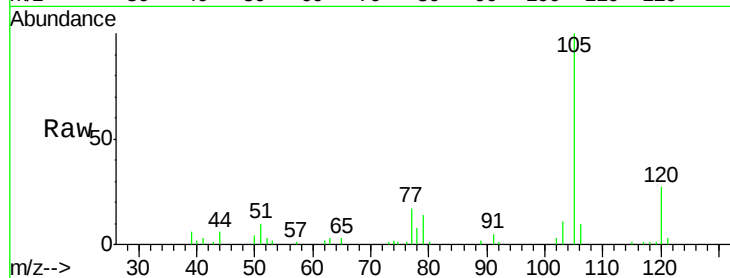
Tgt Ion:105 Resp: 20573

Ion Ratio Lower Upper

105 100

120 27.3 21.0 31.6

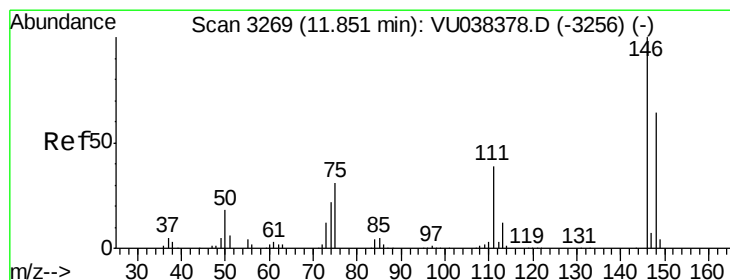
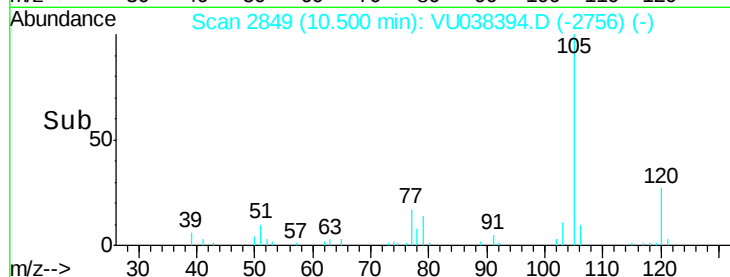
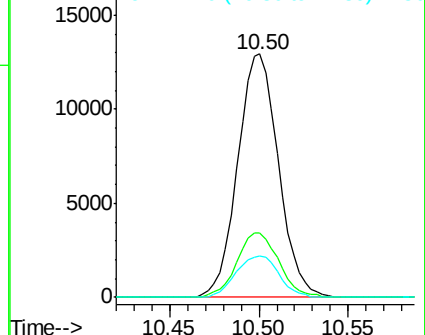
77 17.7 13.0 19.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#63

1,4-Dichlorobenzene

Concen: 0.11 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VU038394.D

Acq: 29 May 2020 22:20

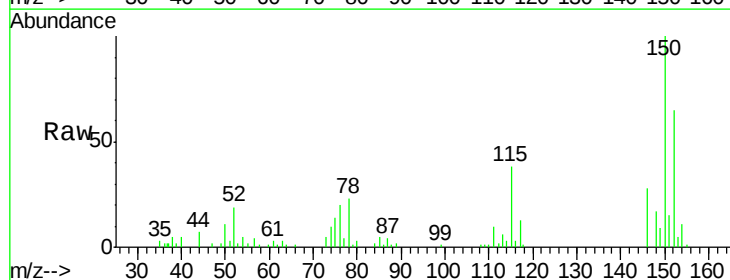
Tgt Ion:146 Resp: 5227

Ion Ratio Lower Upper

146 100

111 37.2 27.2 50.6

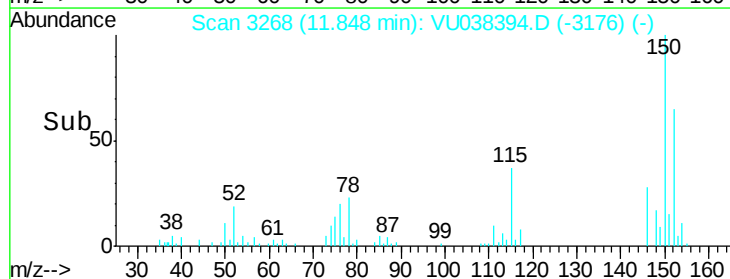
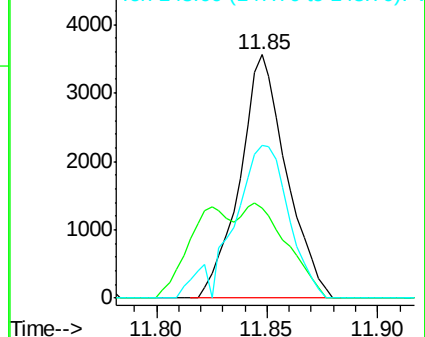
148 62.6 43.8 81.3

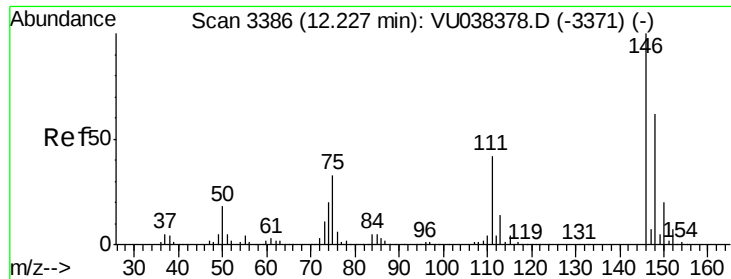


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

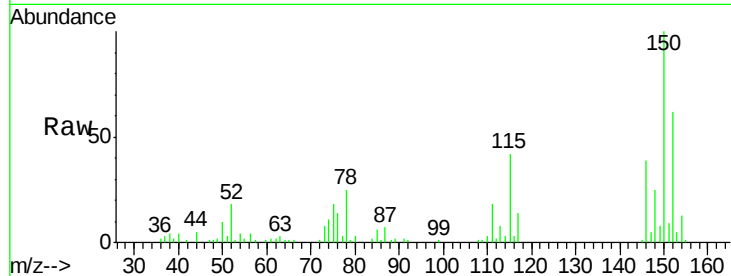




#65
 1,2-Dichlorobenzene
 Concen: 0.24 ug/L
 RT: 12.23 min Scan# 3386
 Delta R.T. -0.00 min
 Lab File: VU038394.D
 Acq: 29 May 2020 22:20

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4Z6DL

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.7	35.3	52.9
148	65.4	51.0	76.4



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

