

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052220\
 Data File : VU038288.D
 Acq On : 22 May 2020 19:25
 Operator : JC/MD
 Sample : L2724-14DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4W0DL

Quant Time: May 22 23:18:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 22 22:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	319438	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	309025	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	145128	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	99551	3.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.20%
7) Chloroethane-d5	1.93	69	91770	3.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.60%
11) 1,1-Dichloroethene-d2	2.59	63	148806	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.66	46	380110	52.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.46%
24) Chloroform-d	5.10	84	211514	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.74	65	126169	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.76	84	442325	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.72	67	141358	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.92	98	380485	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	8.20	79	53970	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.65	63	299886	53.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.08%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	112916	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	151347	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

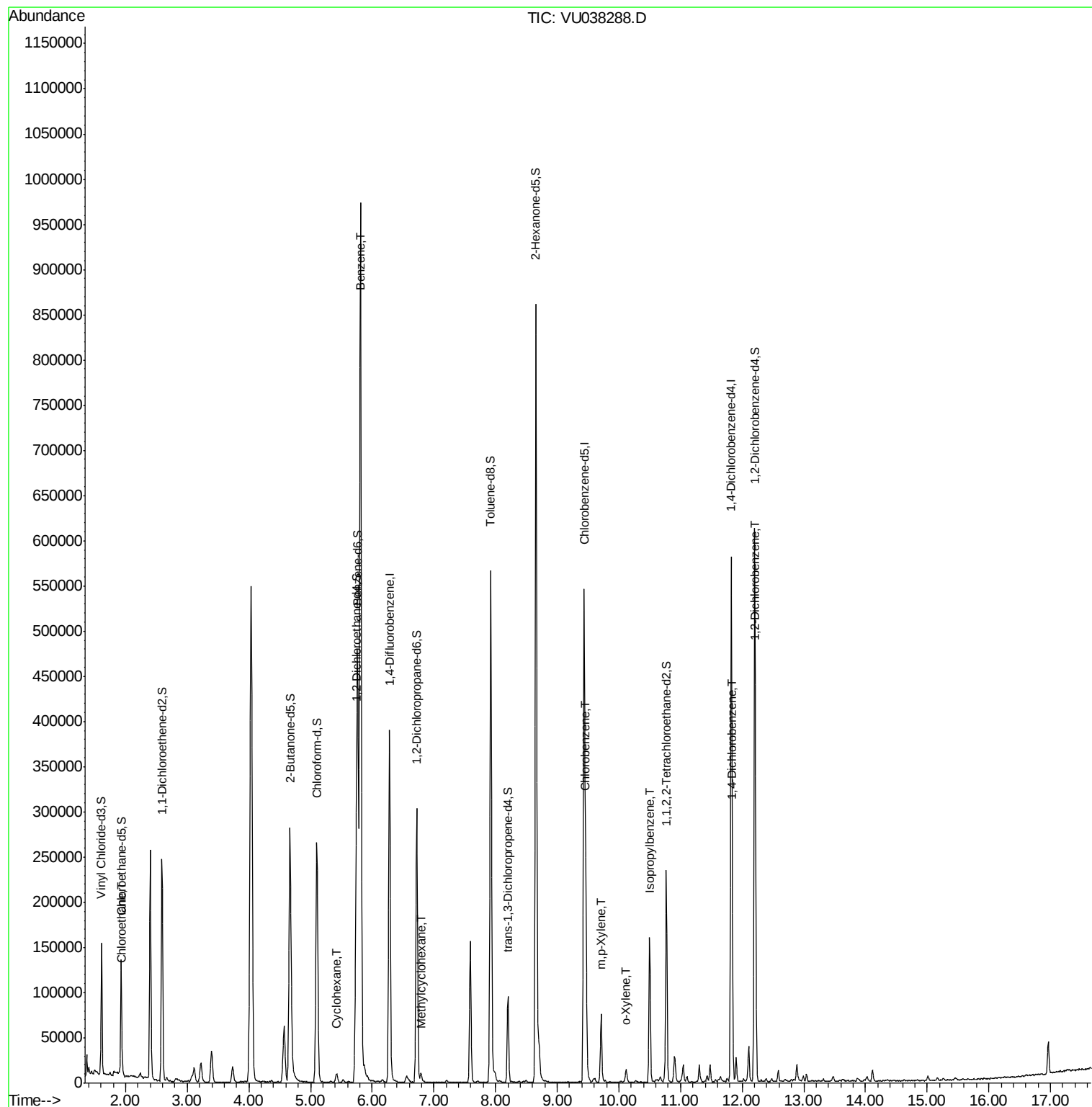
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.95	64	4035	0.190	ug/L	92
30) Cyclohexane	5.43	56	5032	0.120	ug/L #	92
33) Benzene	5.81	78	920982	9.307	ug/L	100
35) Methylcyclohexane	6.79	83	4294	0.107	ug/L	92
51) Chlorobenzene	9.47	112	114072	1.760	ug/L	98
53) m,p-Xylene	9.71	106	22403	0.516	ug/L	96
54) o-Xylene	10.11	106	3653	0.087	ug/L	82
56) Isopropylbenzene	10.50	105	104148	0.966	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	13040	0.273	ug/L	95
65) 1,2-Dichlorobenzene	12.22	146	20305	0.447	ug/L	97

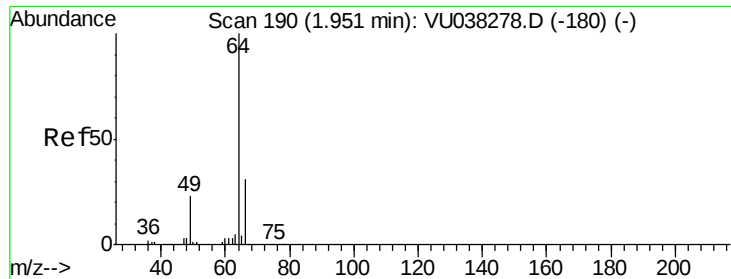
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 22 22:19:50 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.190 ug/L

RT: 1.95 min Scan# 189

Delta R.T. -0.00 min

Lab File: VU038288.D

Acq: 22 May 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

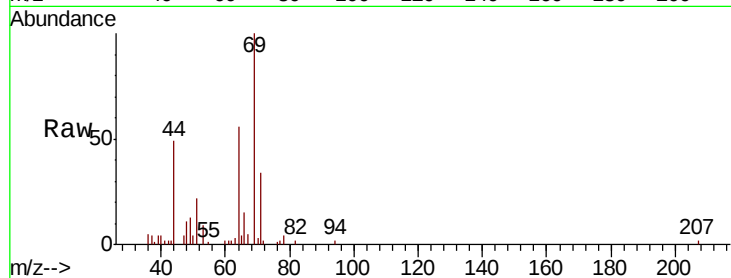
BE4W0DL

Tot Ion: 64 Resp: 4035

Ion Ratio Lower Upper

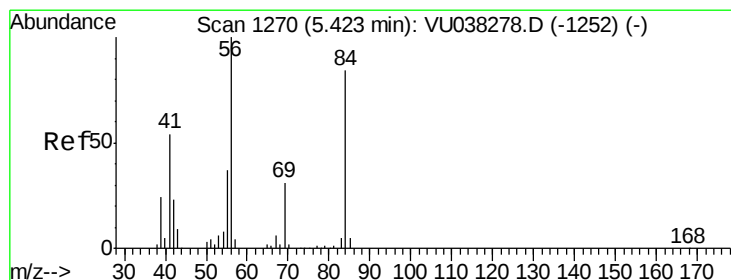
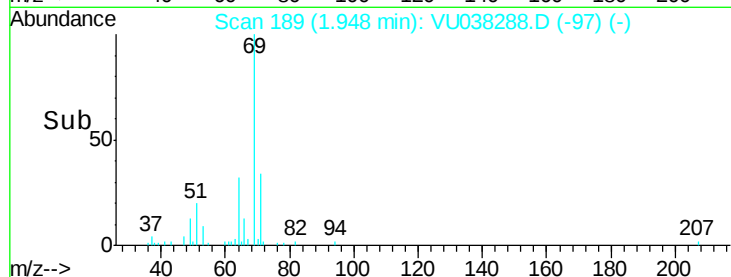
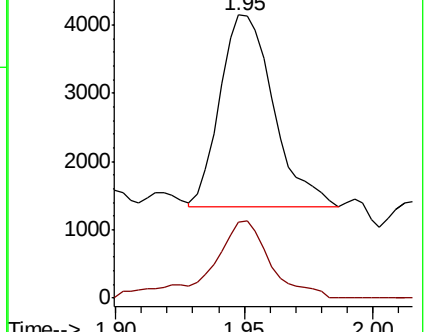
64 100

66 26.8 21.8 40.4



Abundance Ion 64.10 (63.80 to 64.80): VU038288.D (-180) (-)

Ion 66.05 (65.75 to 66.75): VU038288.D (-180) (-)



#30

Cyclohexane

Concen: 0.120 ug/L

RT: 5.43 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU038288.D

Acq: 22 May 2020 19:25

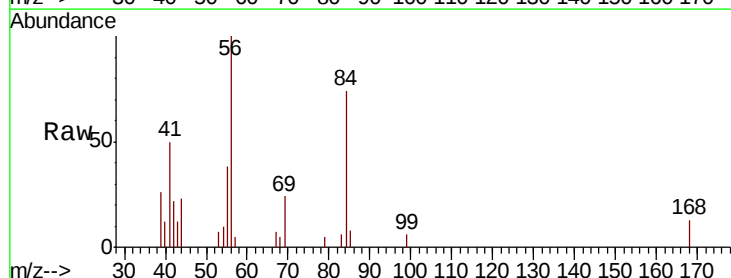
Tgt Ion: 56 Resp: 5032

Ion Ratio Lower Upper

56 100

69 19.3 24.2 36.4#

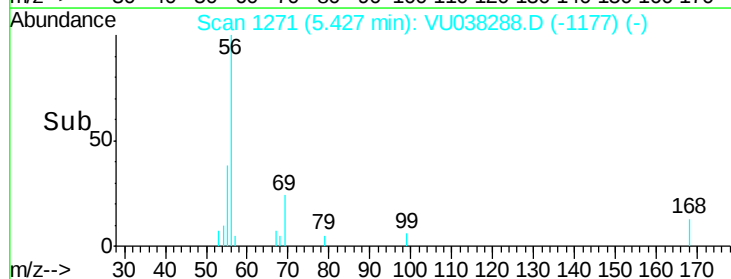
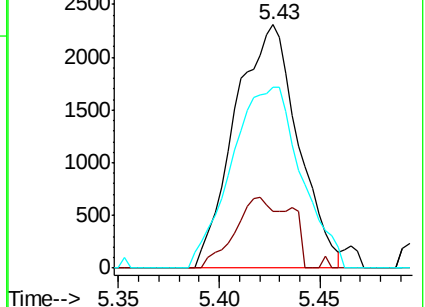
84 82.0 68.5 102.7

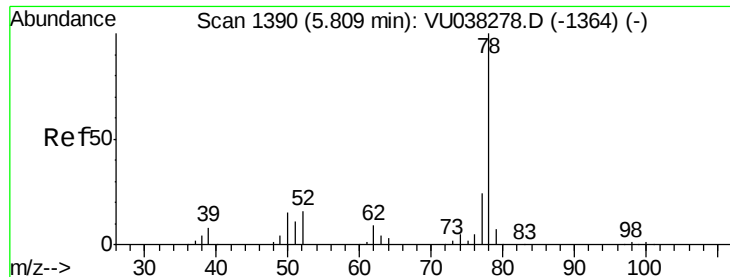


Abundance Ion 56.10 (55.80 to 56.80): VU038288.D (-1252) (-)

Ion 69.15 (68.85 to 69.85): VU038288.D (-1252) (-)

Ion 84.15 (83.85 to 84.85): VU038288.D (-1252) (-)





#33

Benzene

Concen: 9.307 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU038288.D

Acq: 22 May 2020 19:25

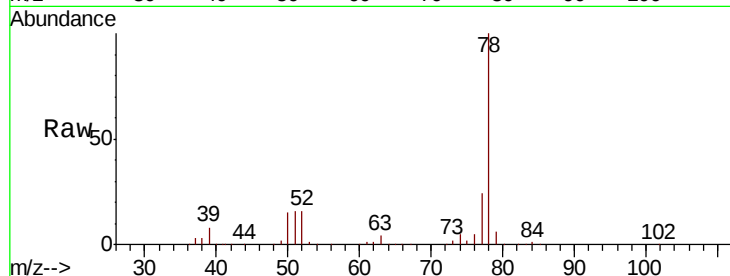
Instrument :

MSVOA_U

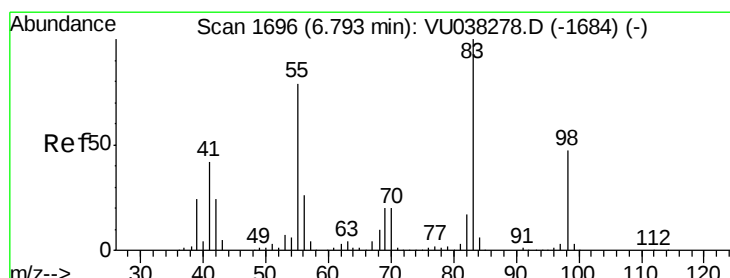
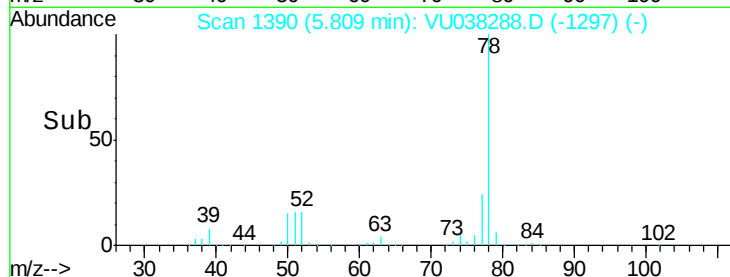
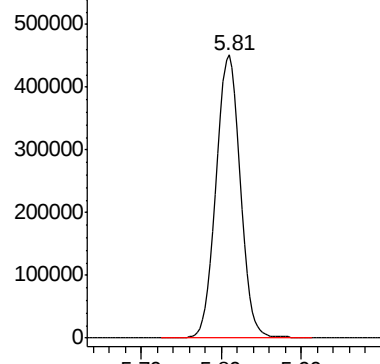
ClientSampleId :

BE4W0DL

Tgt Ion: 78 Resp: 920982



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.107 ug/L

RT: 6.79 min Scan# 1696

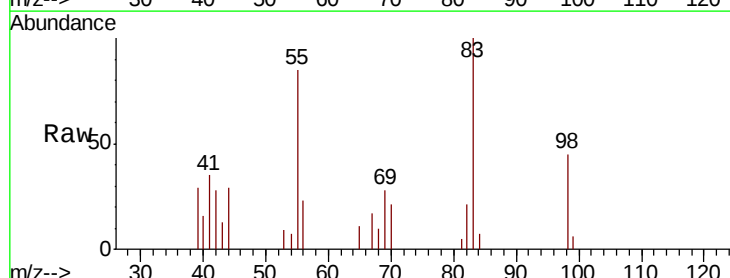
Delta R.T. 0.00 min

Lab File: VU038288.D

Acq: 22 May 2020 19:25

Tgt Ion: 83 Resp: 4294

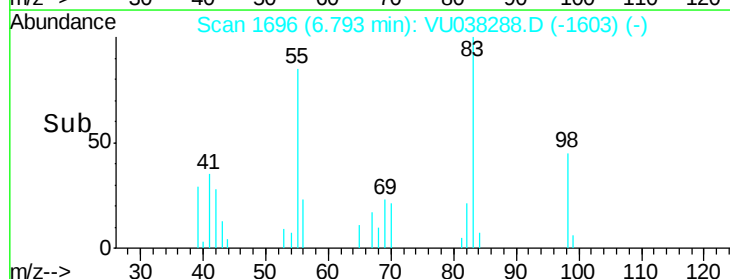
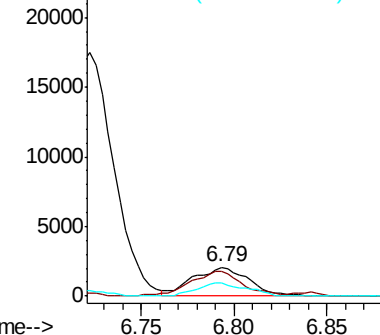
Ion	Ratio	Lower	Upper
83	100		
55	80.1	66.7	100.1
98	39.5	39.4	59.2

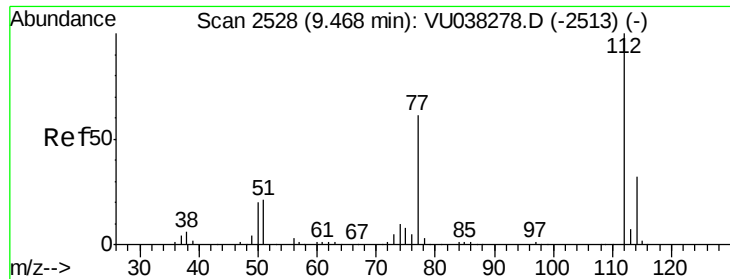


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#51

Chlorobenzene

Concen: 1.760 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU038288.D

Acq: 22 May 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

BE4W0DL

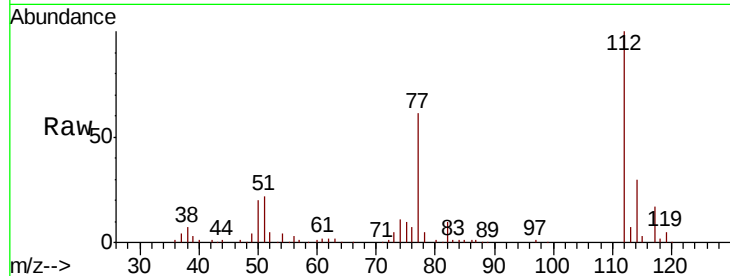
Tot Ion:112 Resp: 114072

Ion Ratio Lower Upper

112 100

114 30.4 22.5 41.7

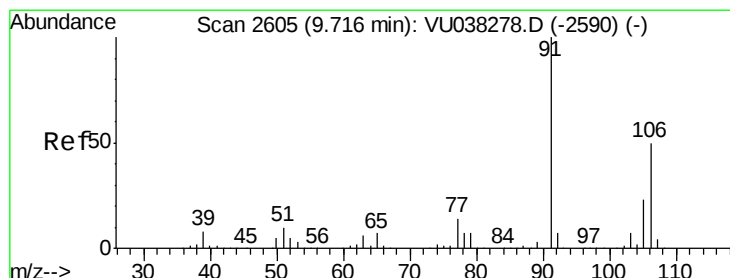
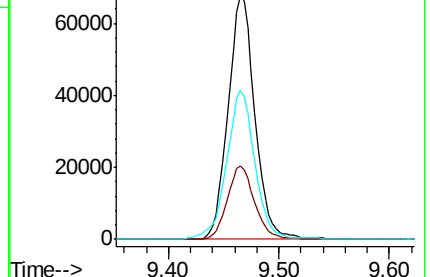
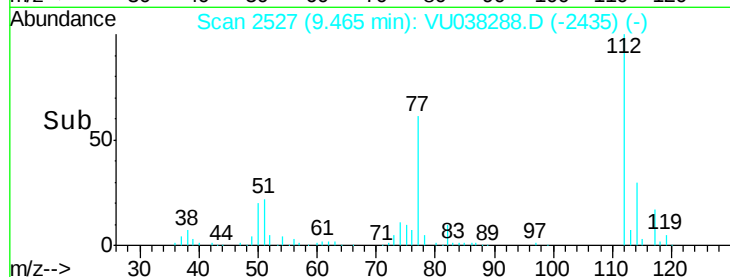
77 61.0 49.9 74.9



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): VU0



#53

m,p-Xylene

Concen: 0.516 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VU038288.D

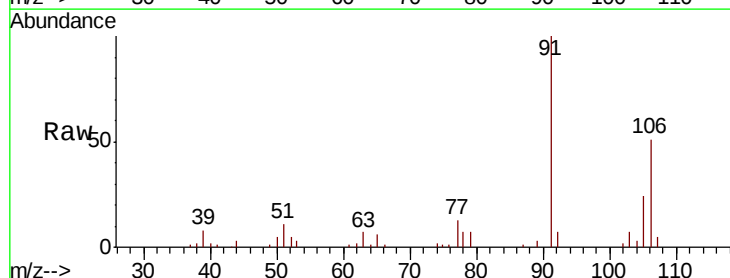
Acq: 22 May 2020 19:25

Tgt Ion:106 Resp: 22403

Ion Ratio Lower Upper

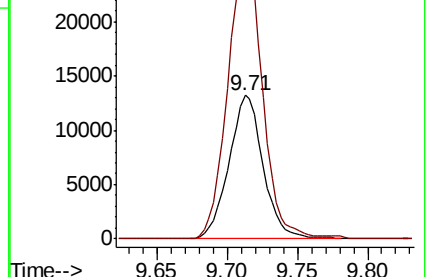
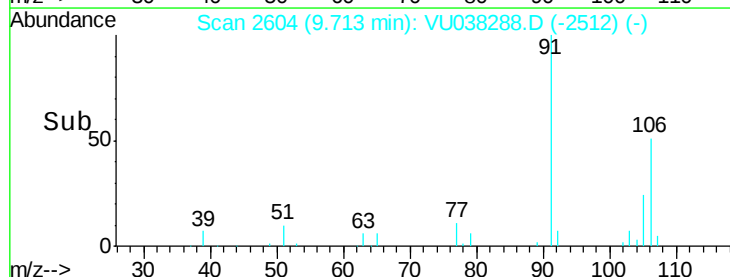
106 100

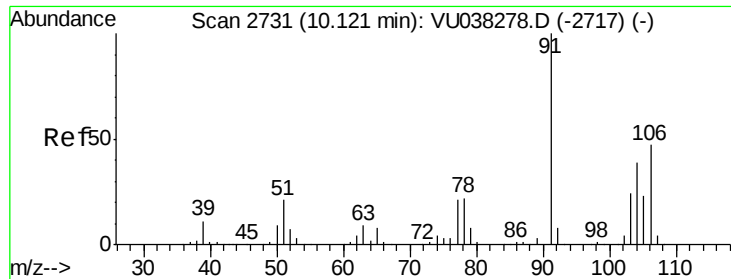
91 197.3 142.1 263.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

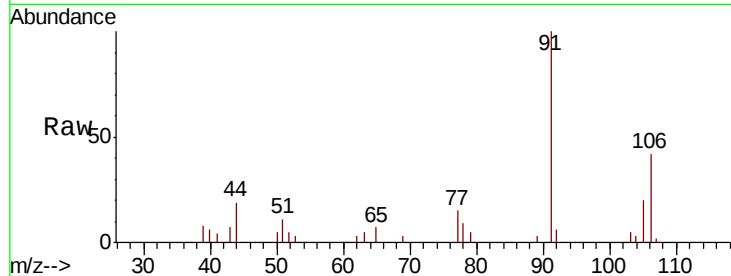




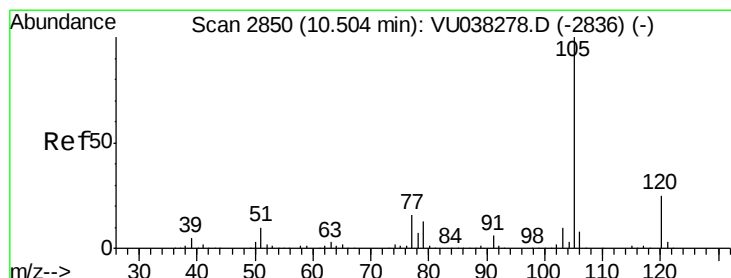
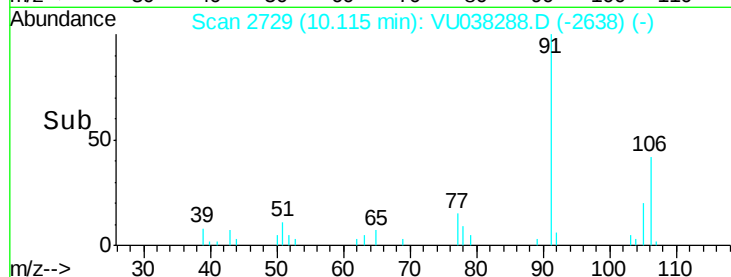
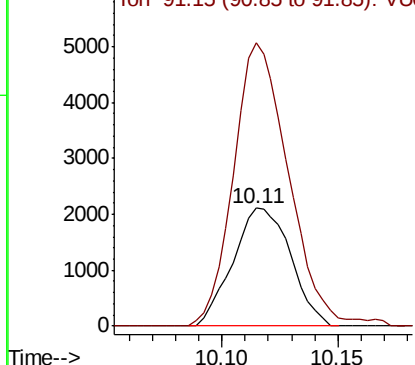
#54
o-Xylene
Concen: 0.087 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.01 min
Lab File: VU038288.D
Acq: 22 May 2020 19:25

Instrument :
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ClientSampleId :
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Tot Ion:106 Resp: 3653
Ion Ratio Lower Upper
106 100
91 240.0 148.5 275.9

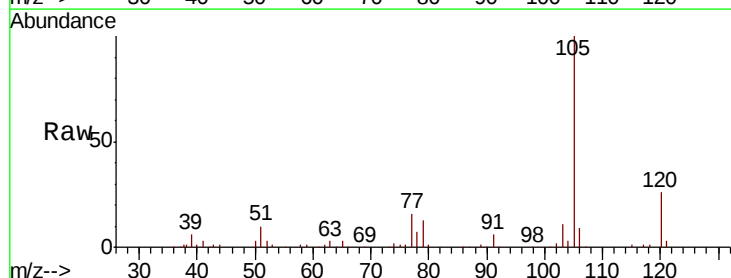


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

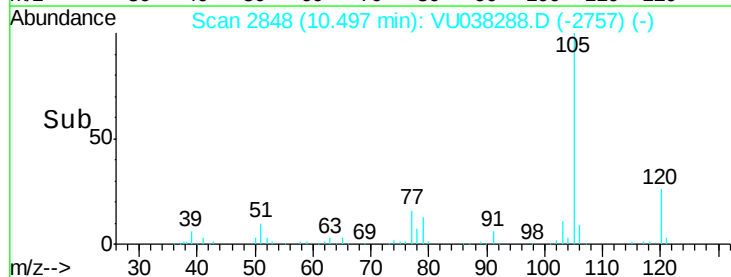
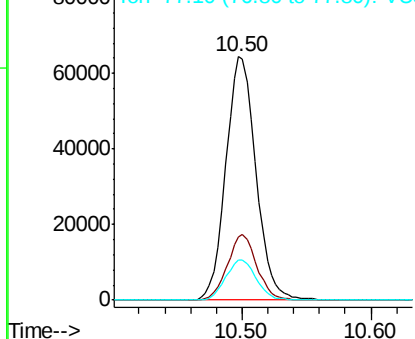


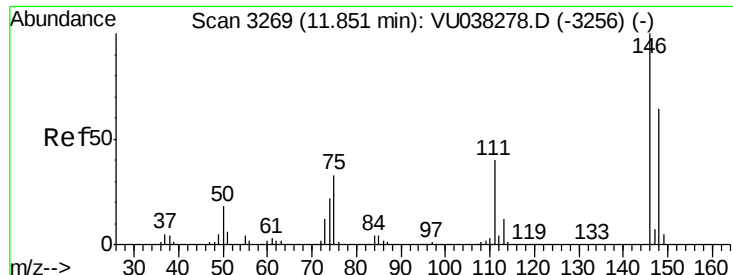
#56
Isopropylbenzene
Concen: 0.966 ug/L
RT: 10.50 min Scan# 2848
Delta R.T. -0.01 min
Lab File: VU038288.D
Acq: 22 May 2020 19:25

Tgt Ion:105 Resp: 104148
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.6
77 16.5 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): VU0





#63

1,4-Dichlorobenzene

Concen: 0.273 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VU038288.D

Acq: 22 May 2020 19:25

Instrument :

MSVOA_U

ClientSampleId :

BE4W0DL

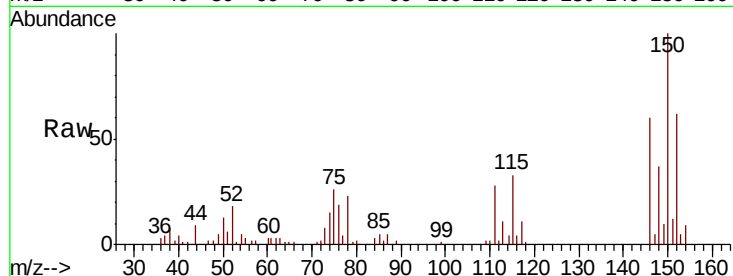
Tot Ion:146 Resp: 13040

Ion Ratio Lower Upper

146 100

111 47.2 27.2 50.6

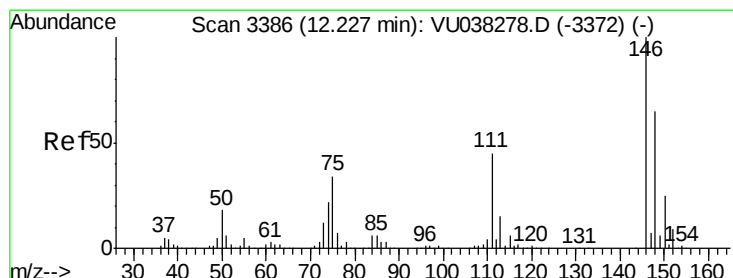
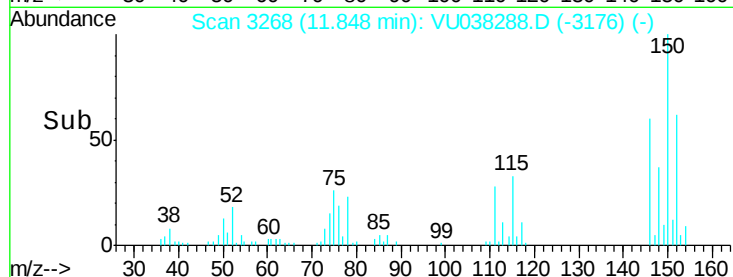
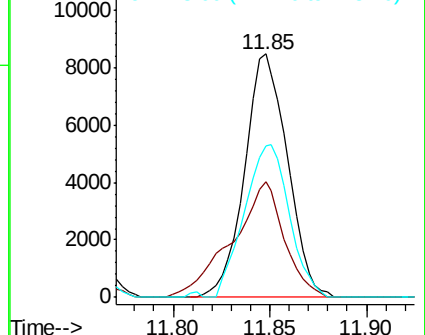
148 62.3 43.8 81.3



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: 0.447 ug/L

RT: 12.22 min Scan# 3385

Delta R.T. -0.00 min

Lab File: VU038288.D

Acq: 22 May 2020 19:25

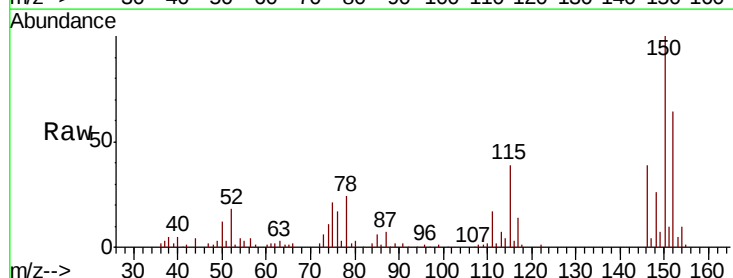
Tgt Ion:146 Resp: 20305

Ion Ratio Lower Upper

146 100

111 43.7 35.3 52.9

148 66.9 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

