

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\
 Data File : VU038786.D
 Acq On : 10 Jun 2020 19:18
 Operator : SY/MD
 Sample : L2913-09 40X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E49DL

Quant Time: Jun 11 03:45:09 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	575998	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	554774	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	261750	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	193028	59.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	119.96%
7) Chloroethane-d5	1.93	69	150449	60.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.52%
11) 1,1-Dichloroethene-d2	2.59	63	289849	41.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.66%
21) 2-Butanone-d5	4.67	46	377365	120.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.53%
24) Chloroform-d	5.10	84	375474	54.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.24%
26) 1,2-Dichloroethane-d4	5.74	65	260334	56.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.22%
32) Benzene-d6	5.76	84	761446	56.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.96%
36) 1,2-Dichloropropane-d6	6.72	67	232213	56.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.76%
41) Toluene-d8	7.92	98	654024	54.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.32%
43) trans-1,3-Dichloropropene-	8.20	79	110191	53.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.28%
47) 2-Hexanone-d5	8.65	63	258078	117.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.72%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	325907	53.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.10%
64) 1,2-Dichlorobenzene-d4	12.20	152	265438	58.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.82%

Target Compounds

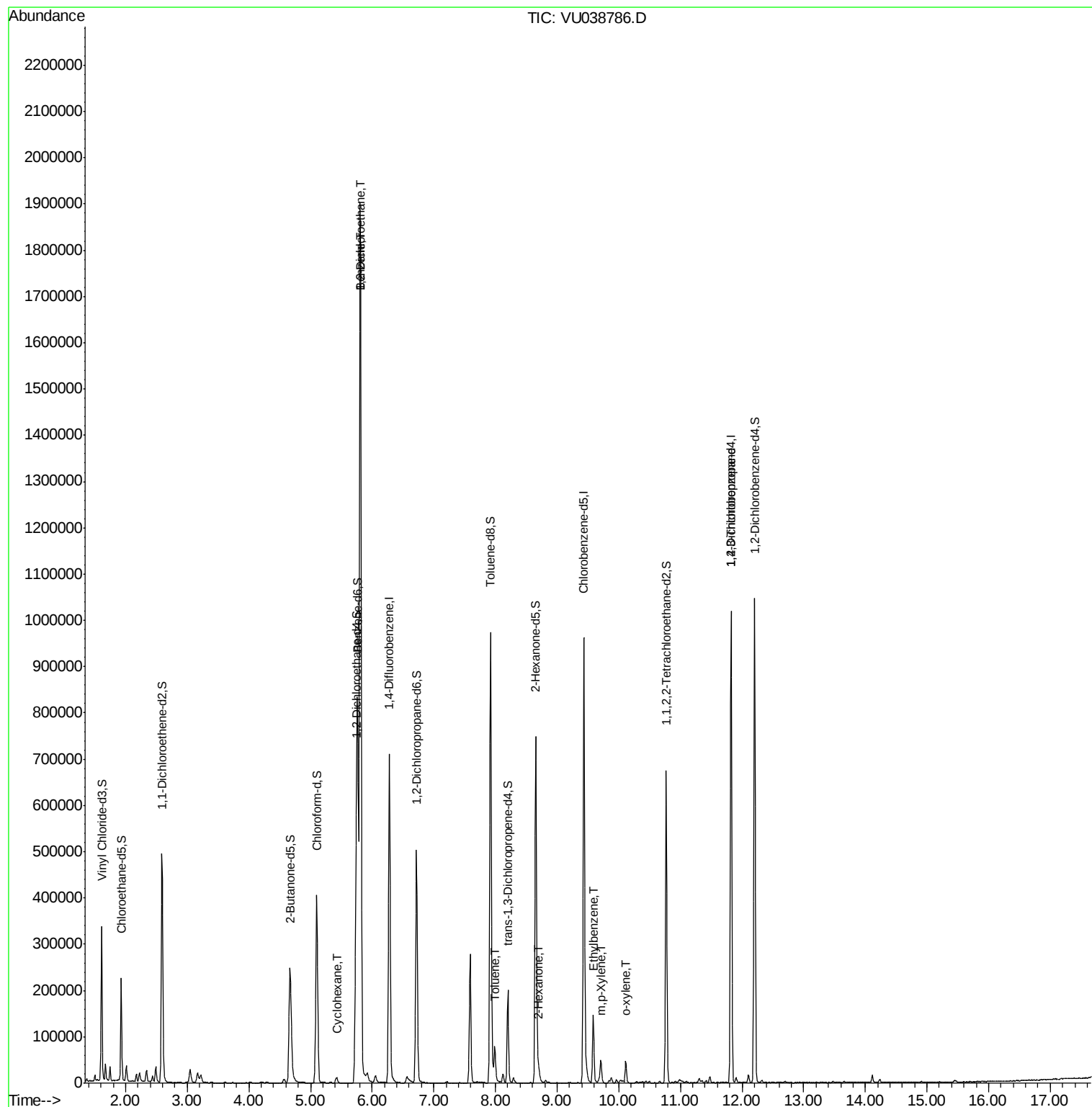
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
27) 1,2-Dichloroethane	5.81	62	17222	2.752	ug/L #	74
29) Cyclohexane	5.42	56	5281	0.832	ug/L #	81
33) Benzene	5.81	78	1809164	109.817	ug/L	100
42) Toluene	7.99	91	51155	2.970	ug/L	97
48) 2-Hexanone	8.71	43	15202	2.740	ug/L #	96
52) Ethylbenzene	9.59	91	105908	5.571	ug/L	99
53) m,p-Xylene	9.71	106	12958	1.776	ug/L	92
54) o-xylene	10.11	106	12511	1.766	ug/L	96
59) 1,2,3-Trichloropropane	11.82	75	32547	5.407	ug/L	91

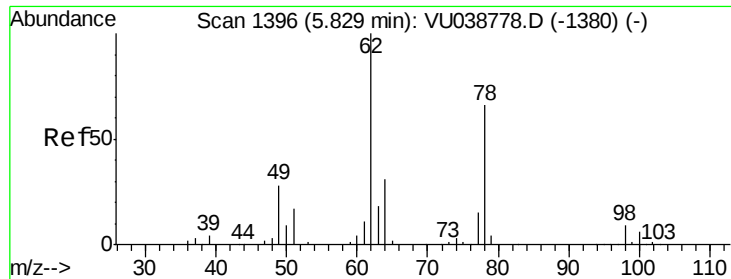
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 11 03:42:48 2020
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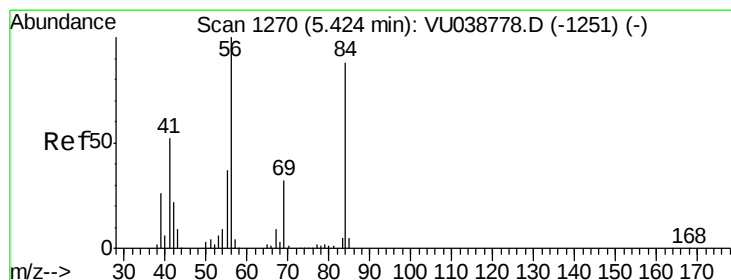
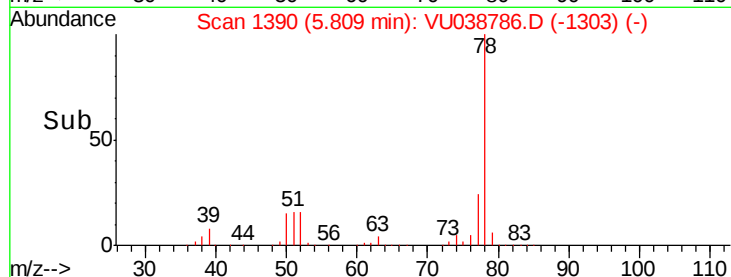
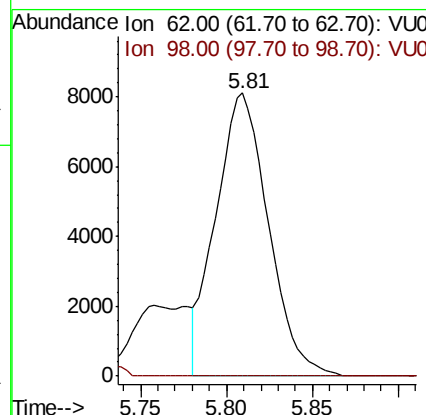
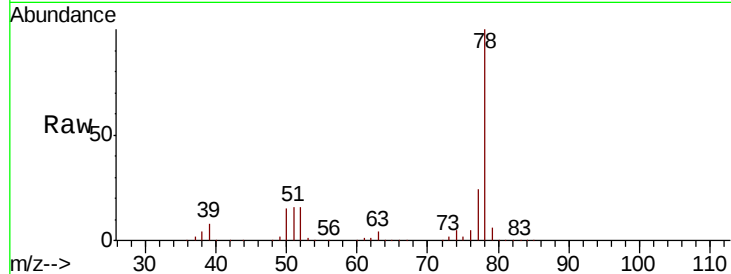




#27
 1,2-Dichloroethane
 Concen: 2.752 ug/L
 RT: 5.81 min Scan# 1390
 Delta R.T. -0.02 min
 Lab File: VU038786.D
 Acq: 10 Jun 2020 19:18

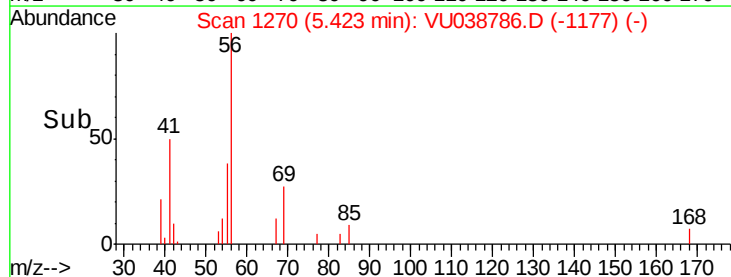
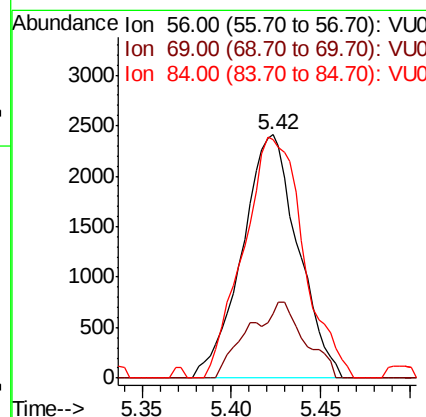
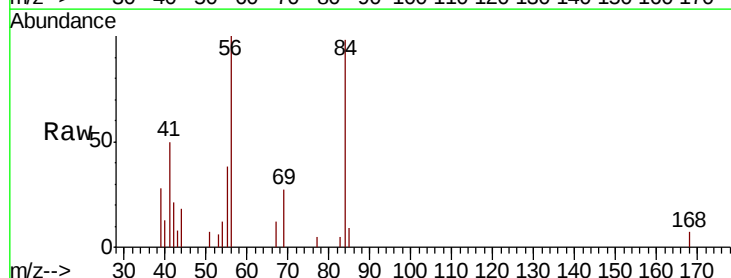
Instrument :
 MSVOA_U
 ClientSampleId :
 F9E49DL

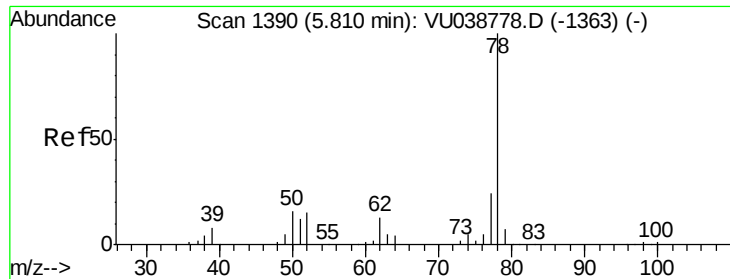
Tot Ion: 62 Resp: 17222
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.6#



#29
 Cyclohexane
 Concen: 0.832 ug/L
 RT: 5.42 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VU038786.D
 Acq: 10 Jun 2020 19:18

Tgt Ion: 56 Resp: 5281
 Ion Ratio Lower Upper
 56 100
 69 20.2 25.1 37.7#
 84 106.0 70.5 105.7#





#33

Benzene

Concen: 109.817 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU038786.D

Acq: 10 Jun 2020 19:18

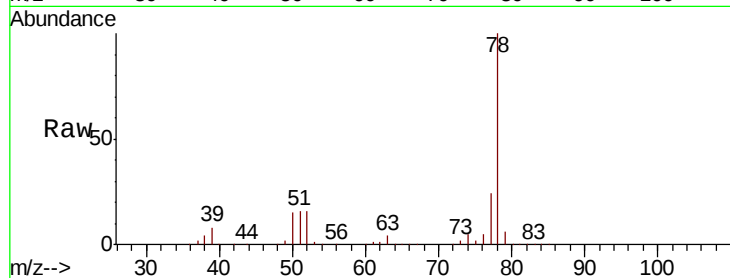
Instrument :

MSVOA_U

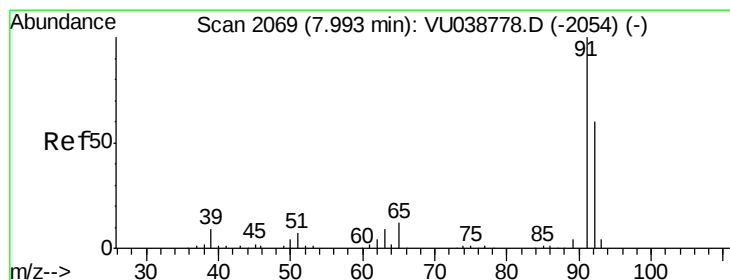
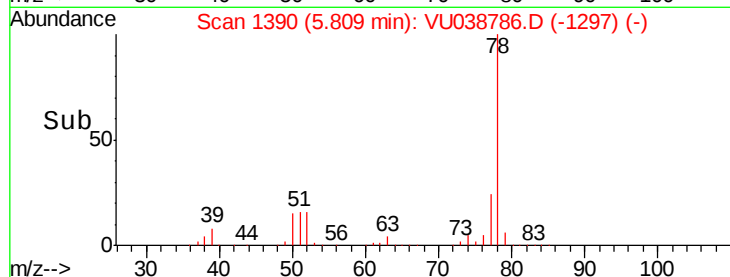
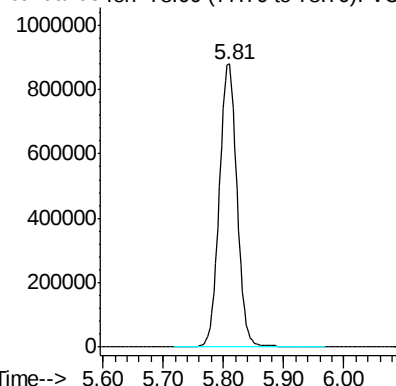
ClientSampleId :

F9E49DL

Tgt Ion: 78 Resp: 1809164



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 2.970 ug/L

RT: 7.99 min Scan# 2068

Delta R.T. -0.00 min

Lab File: VU038786.D

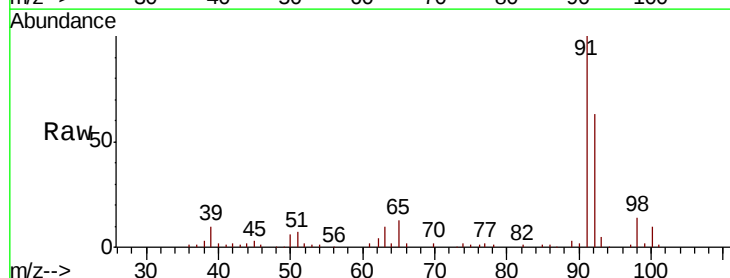
Acq: 10 Jun 2020 19:18

Tgt Ion: 91 Resp: 51155

Ion Ratio Lower Upper

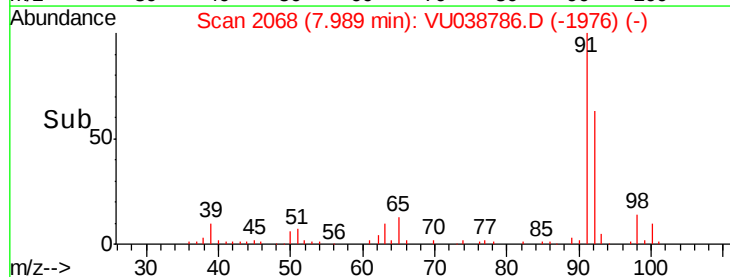
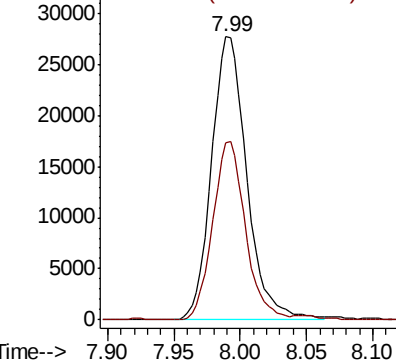
91 100

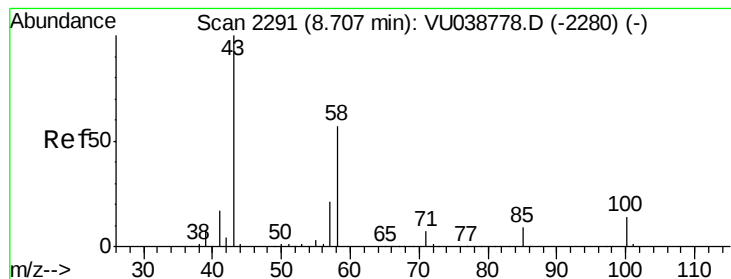
92 62.8 42.2 78.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#48

2-Hexanone

Concen: 2.740 ug/L

RT: 8.71 min Scan# 2291

Delta R.T. -0.00 min

Lab File: VU038786.D

Acq: 10 Jun 2020 19:18

Instrument :

MSVOA_U

ClientSampled :

F9E49DL

Tot Ion: 43 Resp: 15202

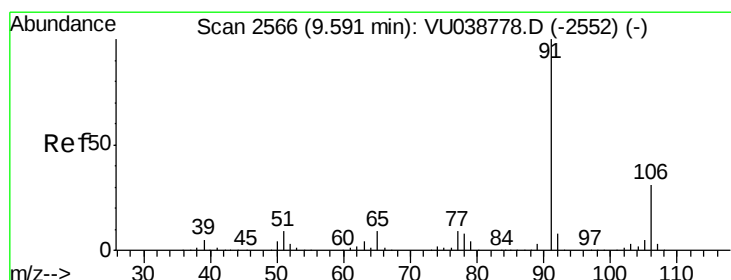
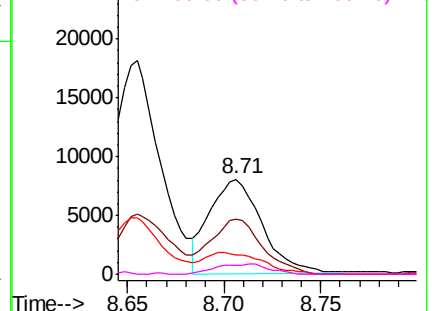
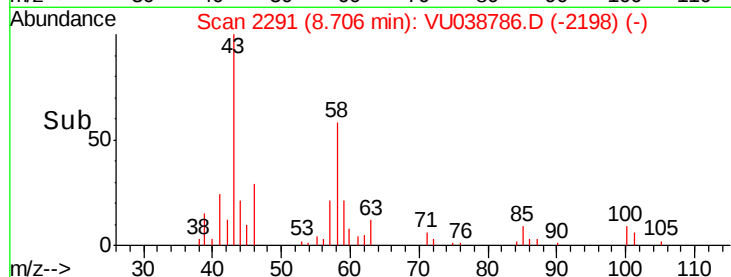
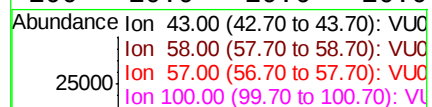
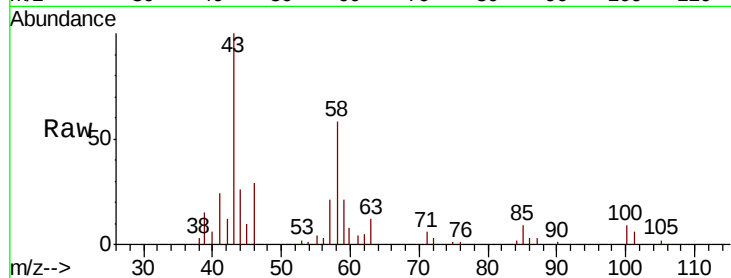
Ion Ratio Lower Upper

43 100

58 58.8 46.2 69.4

57 25.4 16.6 24.8#

100 10.9 10.6 16.0



#52

Ethylbenzene

Concen: 5.571 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038786.D

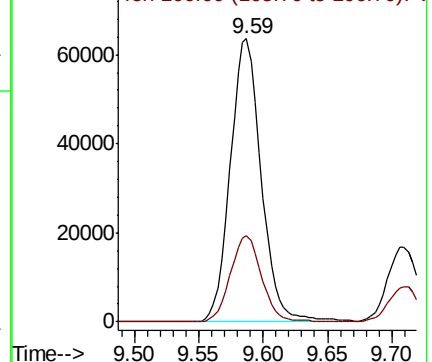
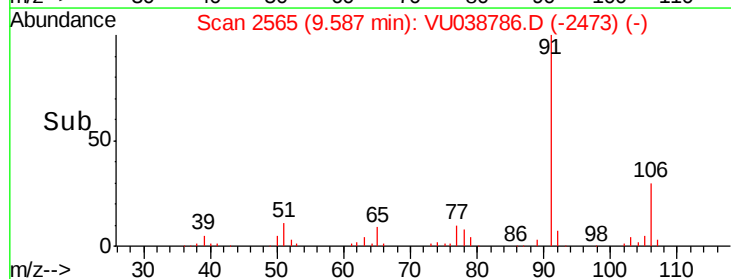
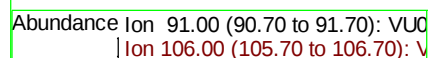
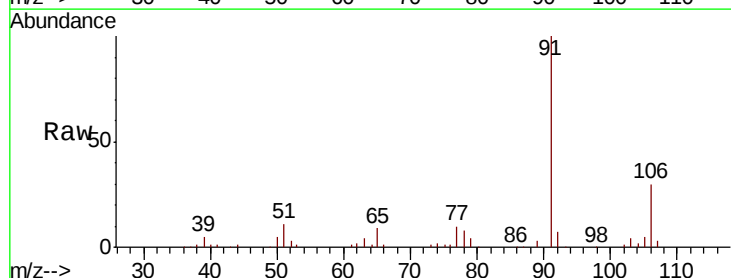
Acq: 10 Jun 2020 19:18

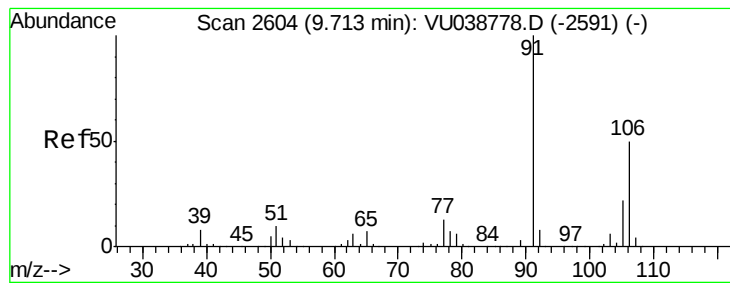
Tgt Ion: 91 Resp: 105908

Ion Ratio Lower Upper

91 100

106 30.3 21.5 39.9





#53

m,p-Xylene

Concen: 1.776 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU038786.D

Acq: 10 Jun 2020 19:18

Instrument :

MSVOA_U

ClientSampleId :

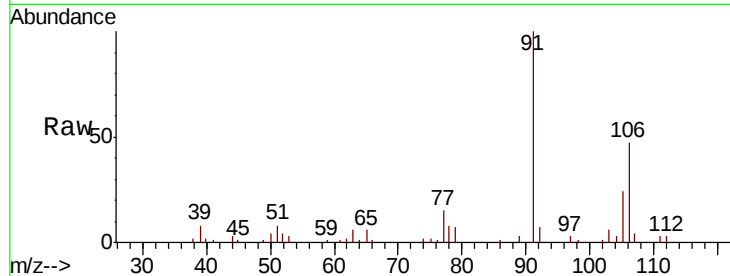
F9E49DL

Tot Ion:106 Resp: 12958

Ion Ratio Lower Upper

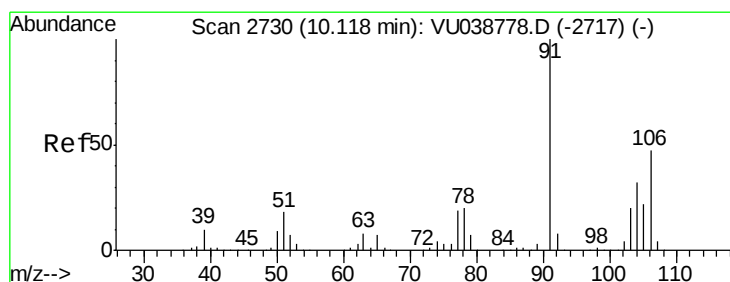
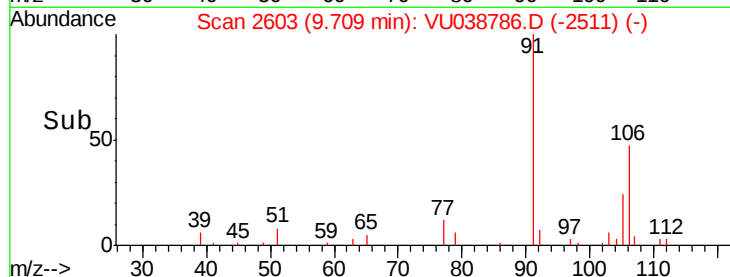
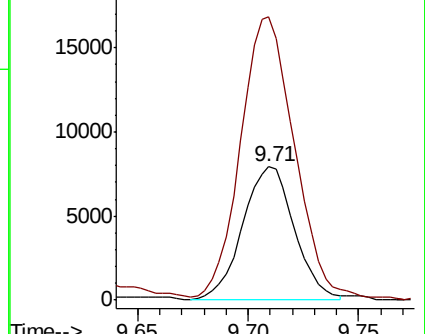
106 100

91 212.4 140.1 260.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 1.766 ug/L

RT: 10.11 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VU038786.D

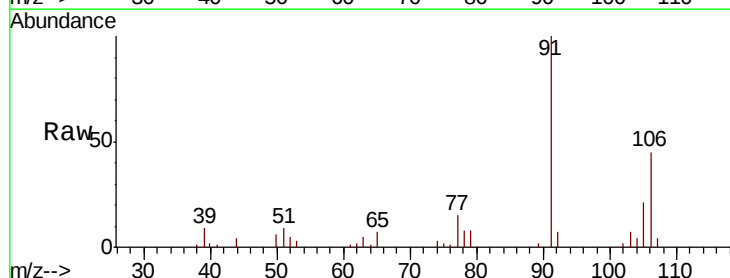
Acq: 10 Jun 2020 19:18

Tgt Ion:106 Resp: 12511

Ion Ratio Lower Upper

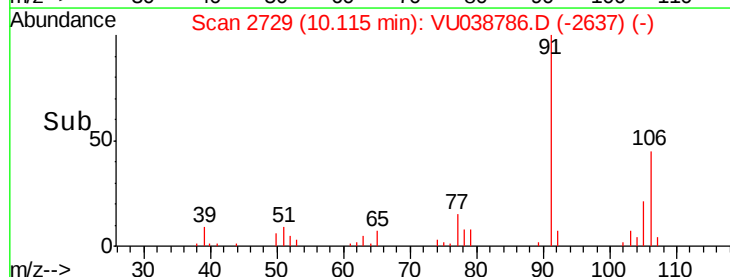
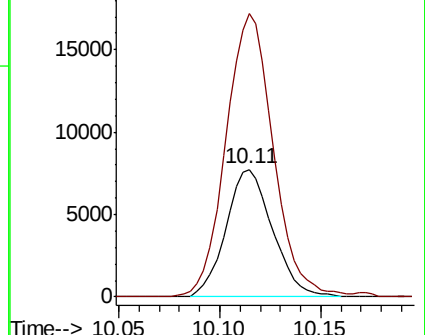
106 100

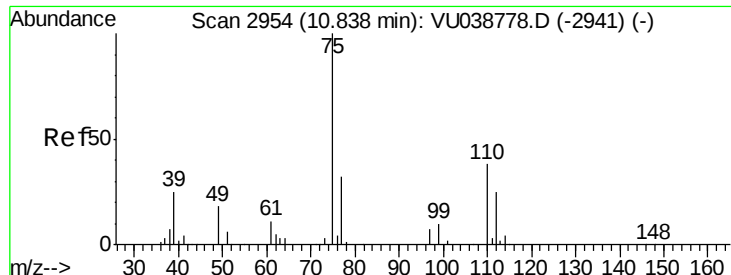
91 222.2 151.2 280.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.407 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038786.D

Acq: 10 Jun 2020 19:18

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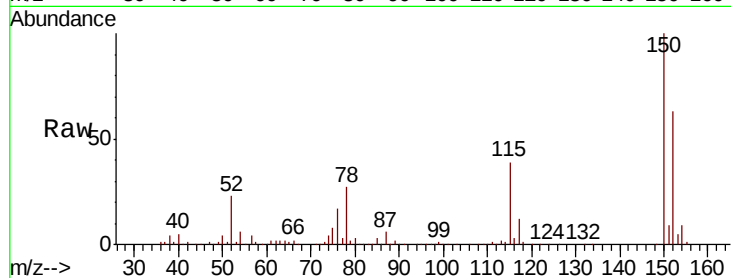
F9E49DL

Tot Ion: 75 Resp: 32547

Ion Ratio Lower Upper

75 100

77 36.8 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

