

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\
 Data File : VU038804.D
 Acq On : 11 Jun 2020 03:01
 Operator : SY/MD
 Sample : L2915-11 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E19

Quant Time: Jun 11 07:14:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 07:12:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	574611	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	553613	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	260441	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	174897	54.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.96%
7) Chloroethane-d5	1.93	69	142680	57.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.58%
11) 1,1-Dichloroethene-d2	2.59	63	274698	39.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.52%
21) 2-Butanone-d5	4.66	46	368012	117.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.83%
24) Chloroform-d	5.10	84	361439	52.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.44%
26) 1,2-Dichloroethane-d4	5.74	65	251702	54.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.72%
32) Benzene-d6	5.76	84	729815	54.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.46%
36) 1,2-Dichloropropane-d6	6.72	67	224070	54.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.04%
41) Toluene-d8	7.92	98	626689	52.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.00%
43) trans-1,3-Dichloropropene-	8.20	79	106360	51.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.80%
47) 2-Hexanone-d5	8.65	63	258659	118.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.24%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	325696	53.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.26%
64) 1,2-Dichlorobenzene-d4	12.20	152	258361	57.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.28%

Target Compounds

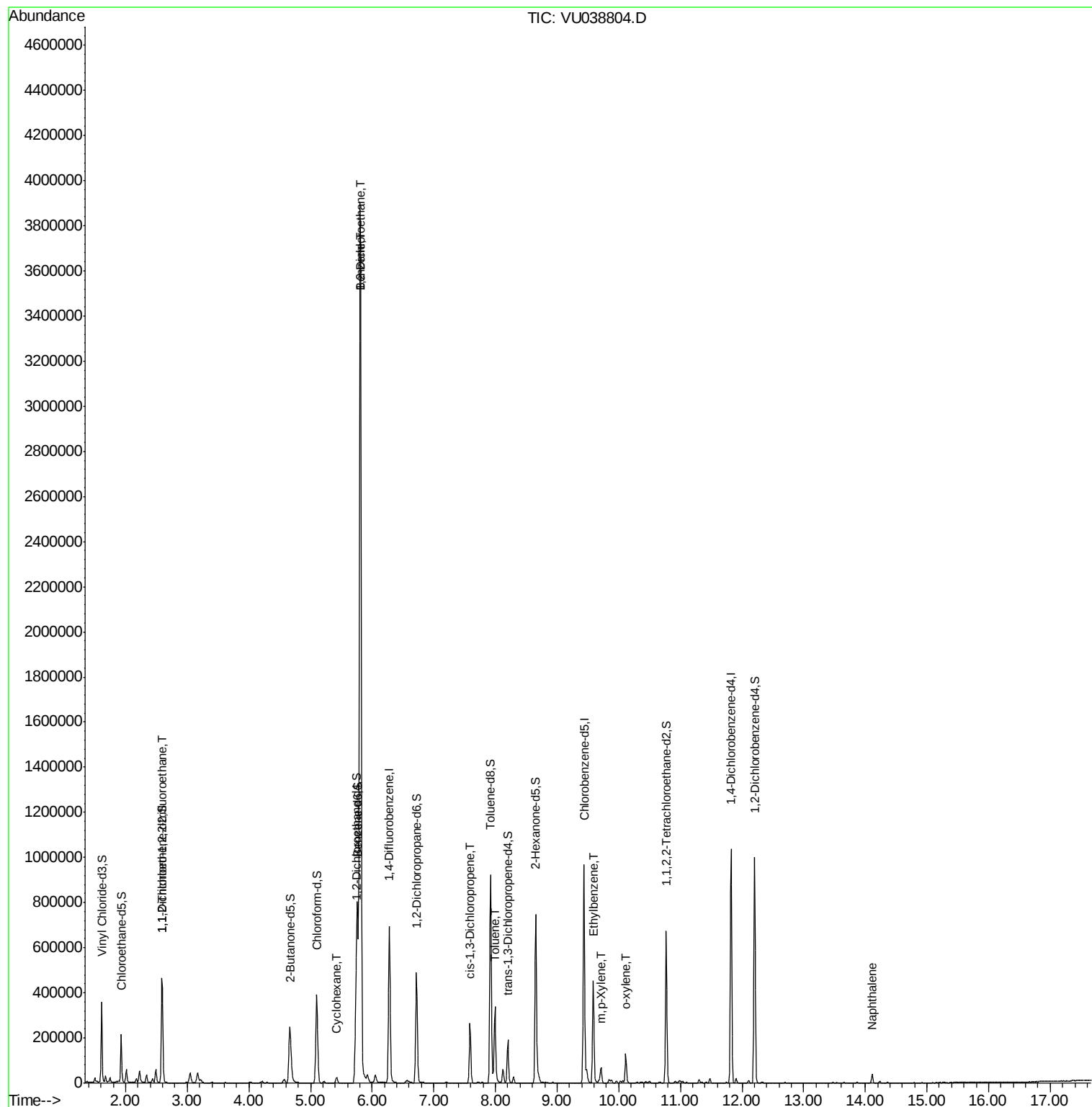
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2635	0.714	ug/L #	21
27) 1,2-Dichloroethane	5.81	62	34836	5.579	ug/L #	74
29) Cyclohexane	5.42	56	10427	1.646	ug/L	92
33) Benzene	5.81	78	3708033	225.552	ug/L	100
39) cis-1,3-Dichloropropene	7.59	75	6498	0.984	ug/L #	52
42) Toluene	7.99	91	251729	14.644	ug/L	100
52) Ethylbenzene	9.59	91	324171	17.088	ug/L	99
53) m,p-Xylene	9.71	106	17894	2.457	ug/L	98
54) o-xylene	10.11	106	35004	4.951	ug/L	99
69) Naphthalene	14.11	128	30283	1.574	ug/L	99

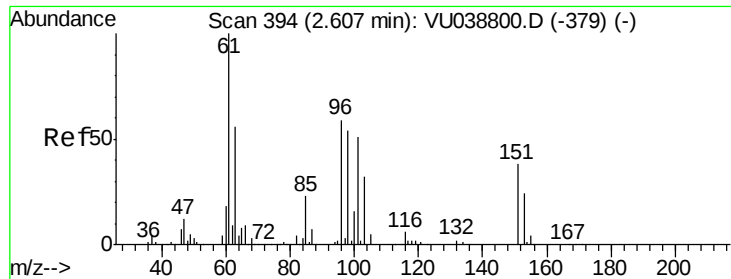
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\
Data File : VU038804.D
Acq On : 11 Jun 2020 03:01
Operator : SY/MD
Sample : L2915-11 100X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9E19

Quant Time: Jun 11 07:14:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 11 07:12:16 2020
Response via : Initial Calibration





#10

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

Concen: 0.714 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU038804.D

Acq: 11 Jun 2020 03:01

Instrument :

MSVOA_U

ClientSampleId :

F9E19

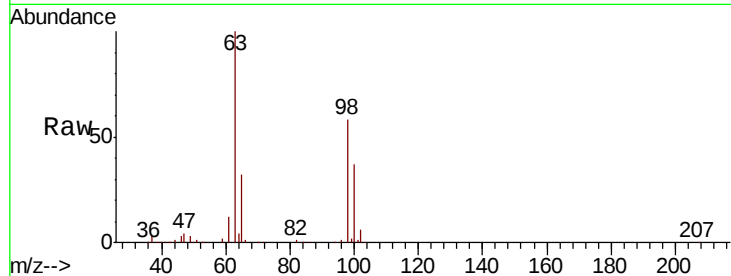
Tot Ion:101 Resp: 2635

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

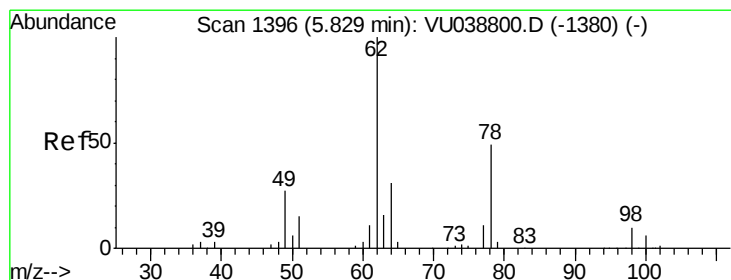
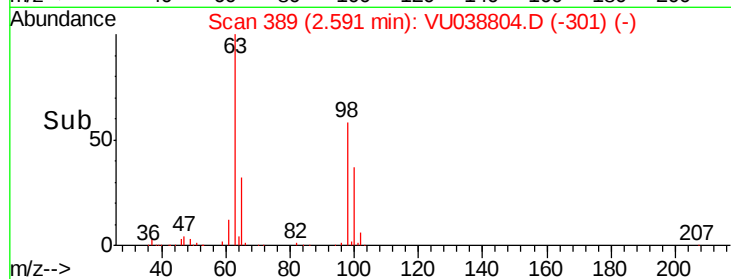
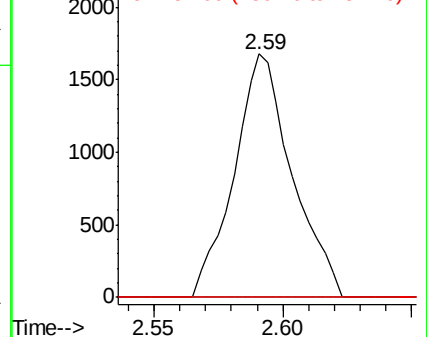
151 0.0 57.4 86.0#



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



#27

1,2-Dichloroethane

Concen: 5.579 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.02 min

Lab File: VU038804.D

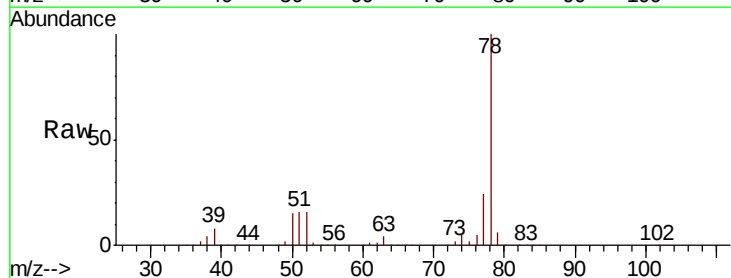
Acq: 11 Jun 2020 03:01

Tgt Ion: 62 Resp: 34836

Ion Ratio Lower Upper

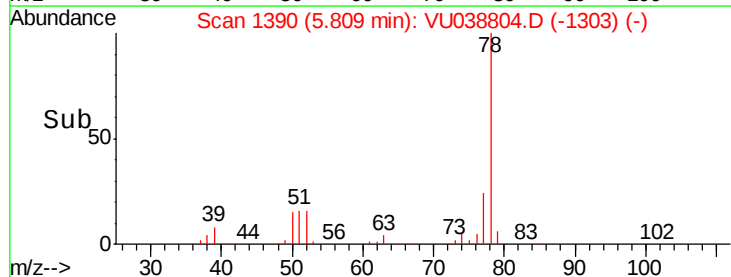
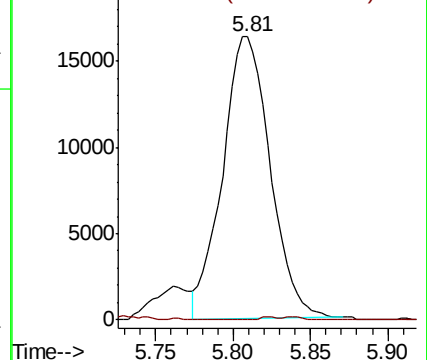
62 100

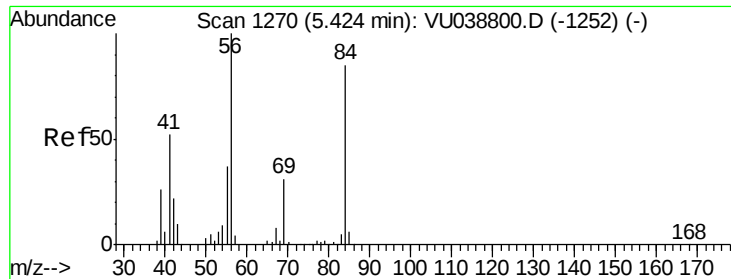
98 0.0 7.8 11.6#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

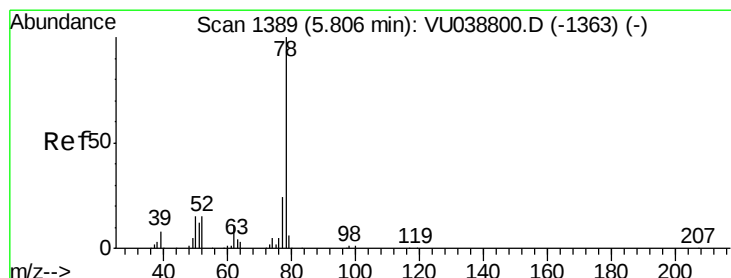
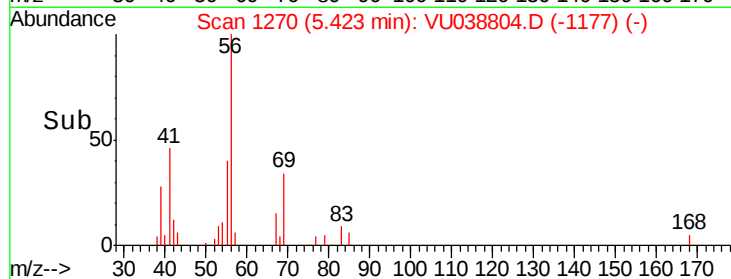
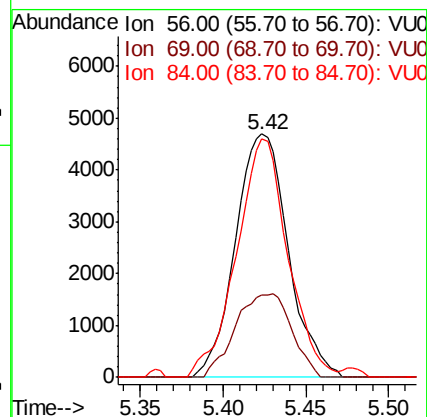
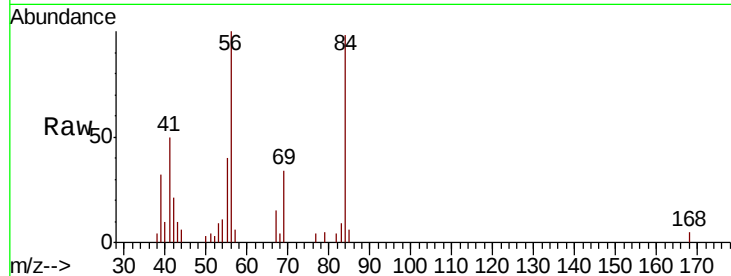




#29
Cyclohexane
Concen: 1.646 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038804.D
Acq: 11 Jun 2020 03:01

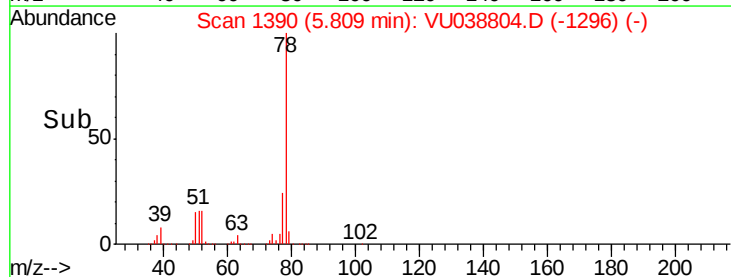
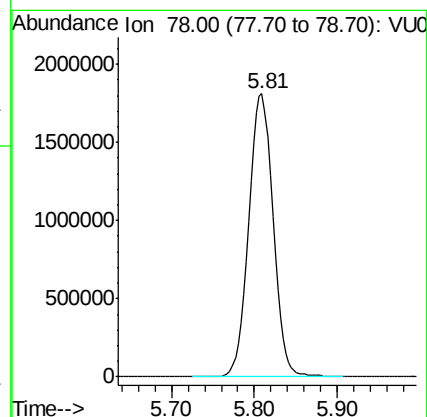
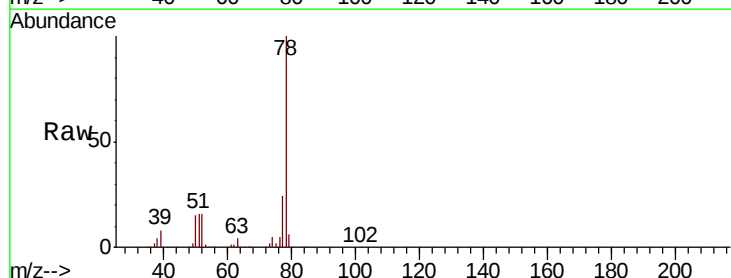
Instrument :
MSVOA_U
ClientSampleId :
F9E19

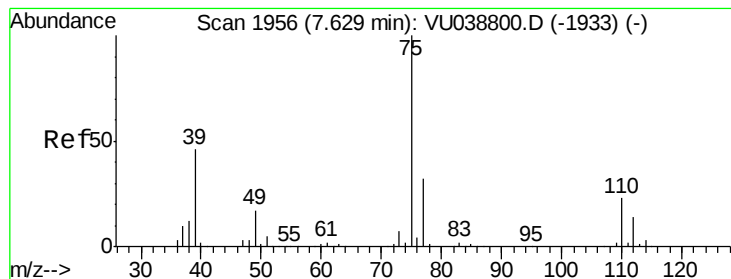
Tot Ion: 56 Resp: 10427
Ion Ratio Lower Upper
56 100
69 36.3 25.1 37.7
84 94.7 70.5 105.7



#33
Benzene
Concen: 225.552 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU038804.D
Acq: 11 Jun 2020 03:01

Tgt Ion: 78 Resp: 3708033



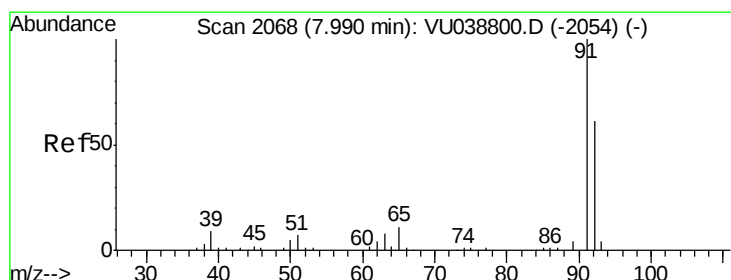
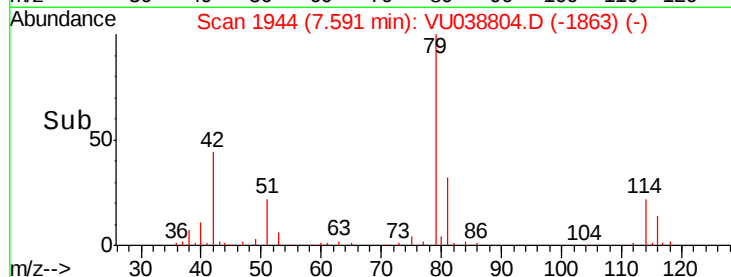
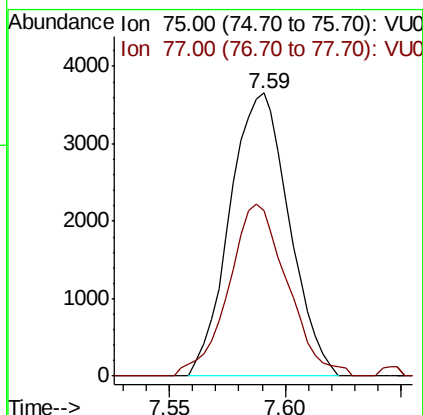
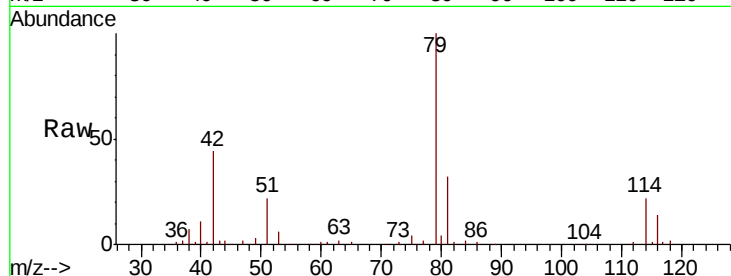


#39

cis-1,3-Dichloropropene
Concen: 0.984 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU038804.D
Acq: 11 Jun 2020 03:01

Instrument :
MSVOA_U
ClientSampleId :
F9E19

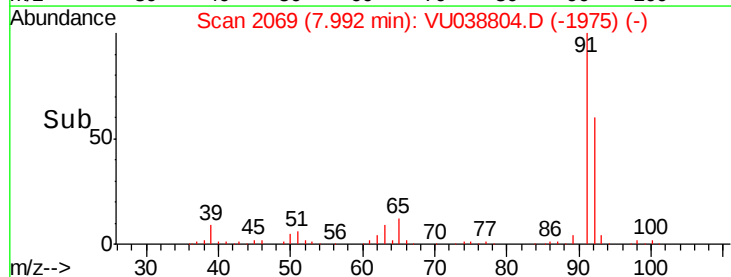
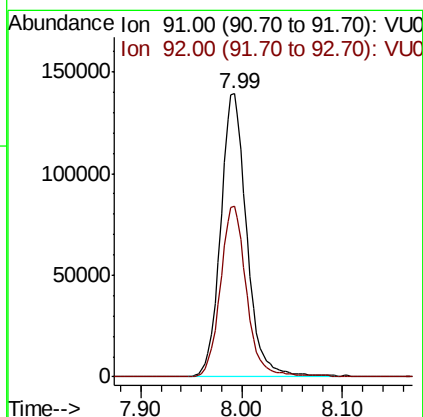
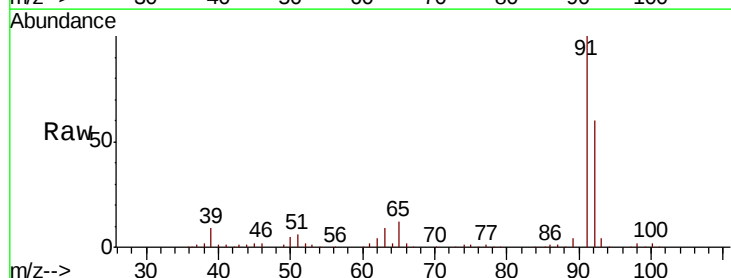
Tot Ion: 75 Resp: 6498
Ion Ratio Lower Upper
75 100
77 58.4 22.2 41.2#

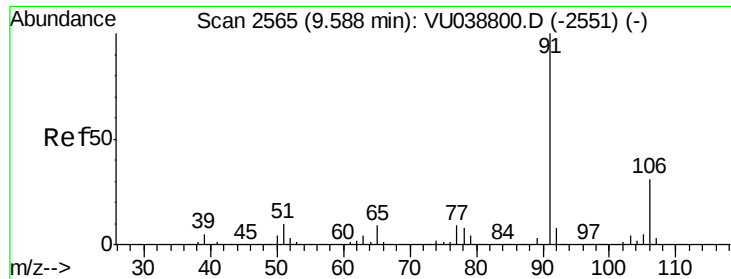


#42

Toluene
Concen: 14.644 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. 0.00 min
Lab File: VU038804.D
Acq: 11 Jun 2020 03:01

Tgt Ion: 91 Resp: 251729
Ion Ratio Lower Upper
91 100
92 60.1 42.2 78.4





#52

Ethylbenzene

Concen: 17.088 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038804.D

Acq: 11 Jun 2020 03:01

Instrument :

MSVOA_U

ClientSampled :

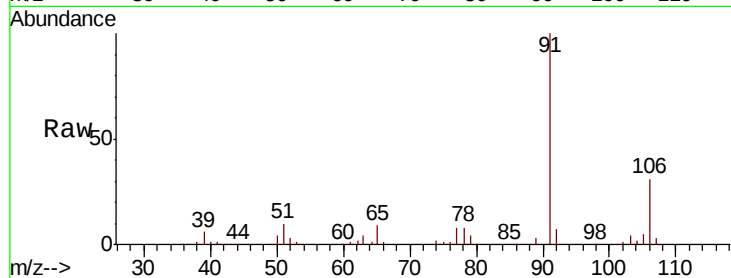
F9E19

Tot Ion: 91 Resp: 324171

Ion Ratio Lower Upper

91 100

106 31.2 21.5 39.9



Abundance Ion 91.00 (90.70 to 91.70): VU038800.D (-2551) (-)

Ion 106.00 (105.70 to 106.70): VU038800.D (-2551) (-)

9.59

200000

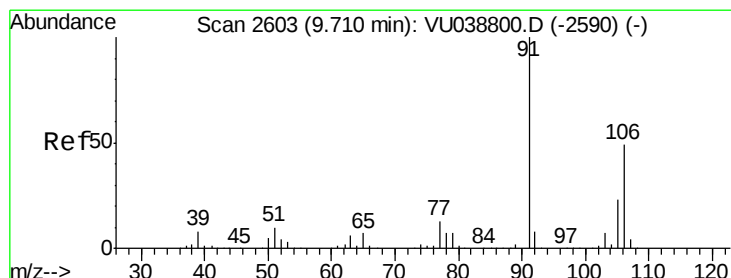
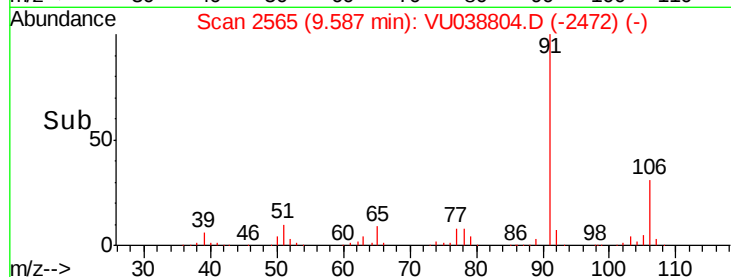
150000

100000

50000

0

Time--> 9.50 9.55 9.60 9.65



#53

m,p-Xylene

Concen: 2.457 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VU038804.D

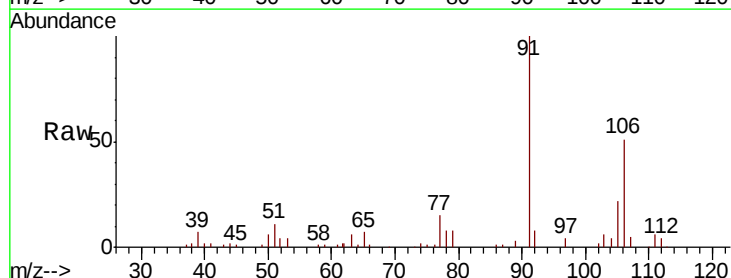
Acq: 11 Jun 2020 03:01

Tgt Ion: 106 Resp: 17894

Ion Ratio Lower Upper

106 100

91 196.9 140.1 260.3



Abundance Ion 106.00 (105.70 to 106.70): VU038800.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VU038800.D (-2590) (-)

9.71

25000

20000

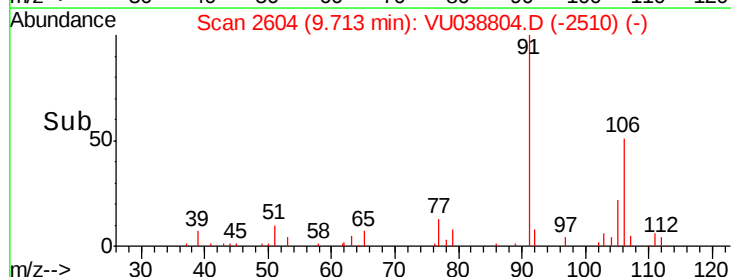
15000

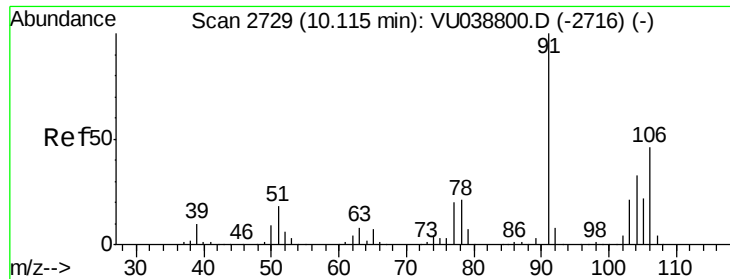
10000

5000

0

Time--> 9.65 9.70 9.75

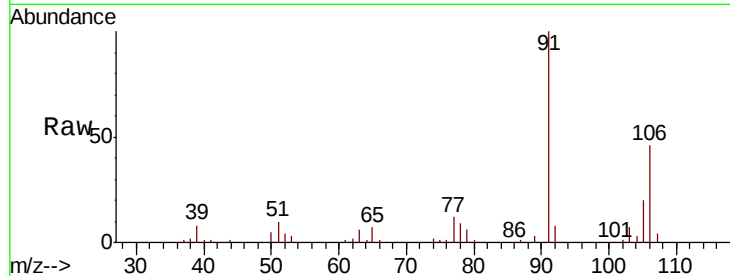




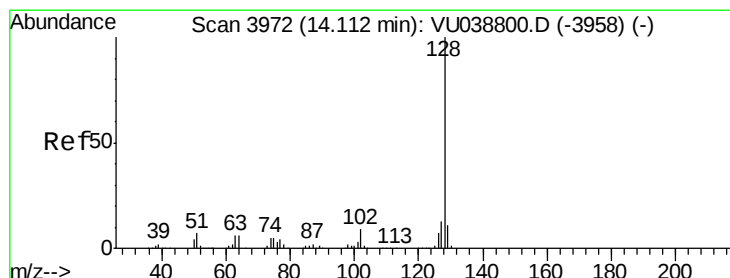
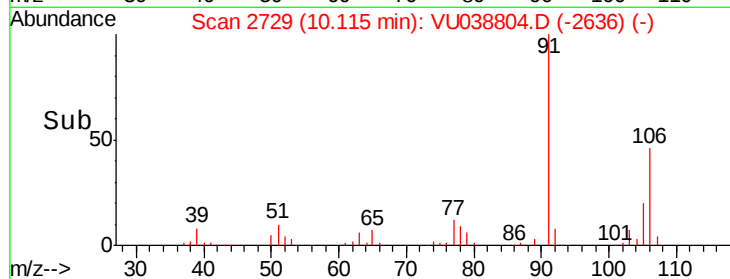
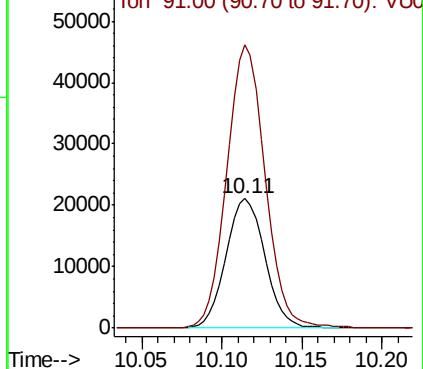
#54
o-xylene
Concen: 4.951 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU038804.D
Acq: 11 Jun 2020 03:01

Instrument :
MSVOA_U
ClientSampled :
F9E19

Tot Ion:106 Resp: 35004
Ion Ratio Lower Upper
106 100
91 218.2 151.2 280.8

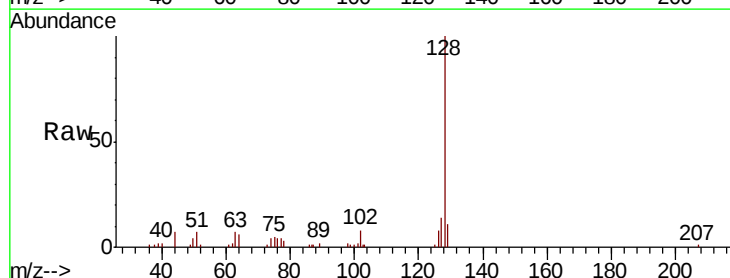


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0



#69
Naphthalene
Concen: 1.574 ug/L
RT: 14.11 min Scan# 3972
Delta R.T. -0.00 min
Lab File: VU038804.D
Acq: 11 Jun 2020 03:01

Tgt Ion:128 Resp: 30283
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

