

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038595.D
 Acq On : 06 Jun 2020 02:32
 Operator : SY/MD
 Sample : L2910-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D06

Quant Time: Jun 06 03:40:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 06 02:36:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	303430	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	298044	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	150471	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	60693	3.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.80%
7) Chloroethane-d5	1.93	69	58850	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.00%
11) 1,1-Dichloroethene-d2	2.59	63	104752	2.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.20%#
20) 2-Butanone-d5	4.67	46	313189	52.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.00%
24) Chloroform-d	5.10	84	161810	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.74	65	96497	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.76	84	318475	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.72	67	100205	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.60%
41) Toluene-d8	7.92	98	267615	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	8.20	79	40497	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.65	63	258894	53.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.56%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	94195	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	117030	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

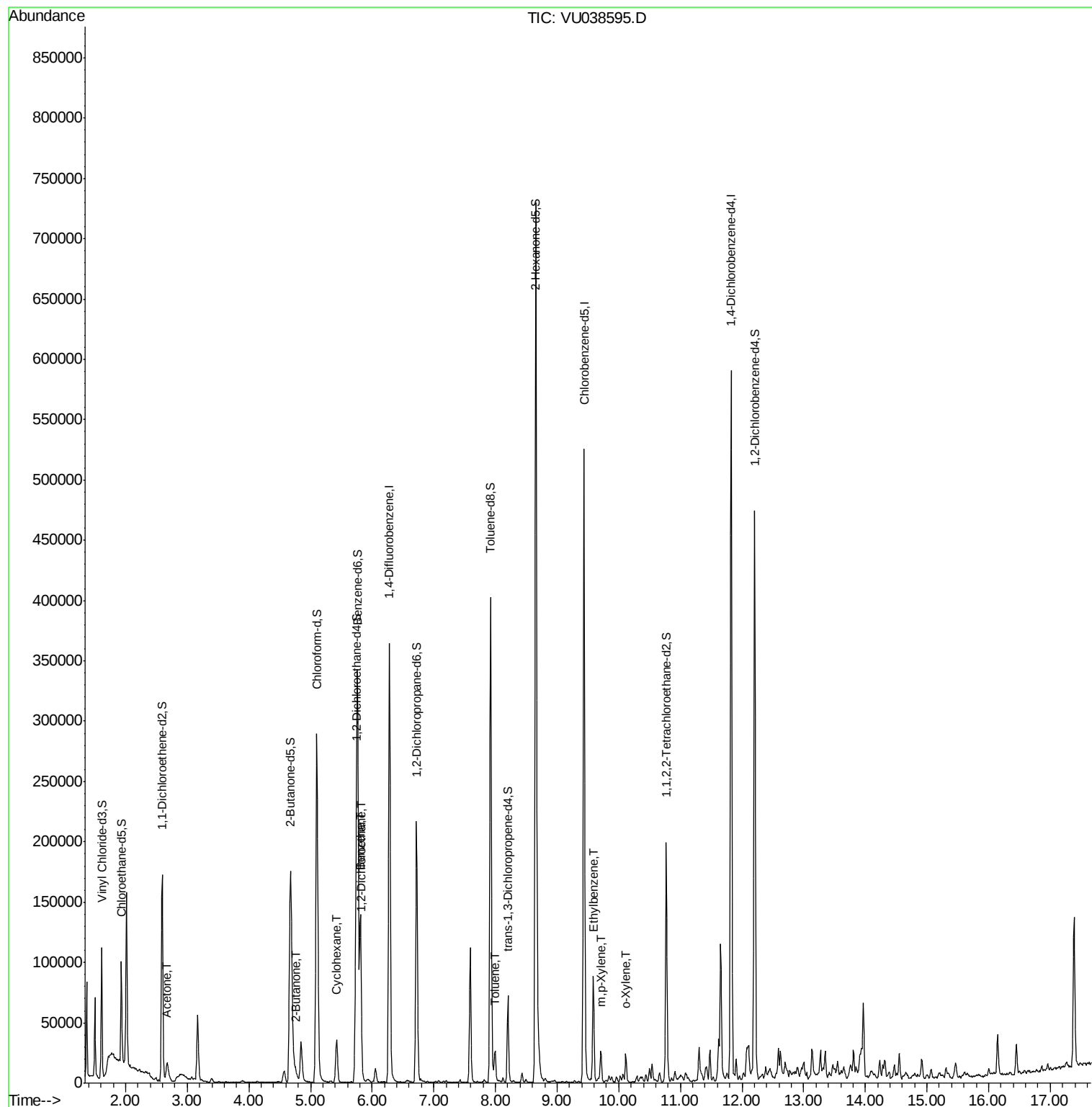
					Ovalue
13) Acetone	2.67	43	29511	7.559 ug/L	98
21) 2-Butanone	4.76	43	9375	1.428 ug/L	87
27) 1,2-Dichloroethane	5.83	62	8046	0.312 ug/L #	90
30) Cyclohexane	5.42	56	17217	0.521 ug/L	99
33) Benzene	5.81	78	127375	1.533 ug/L	100
42) Toluene	7.99	91	17169	0.197 ug/L	95
52) Ethylbenzene	9.59	91	63074	0.650 ug/L	98
53) m,p-Xylene	9.71	106	6406	0.172 ug/L	76
54) o-Xylene	10.11	106	6199	0.173 ug/L	84

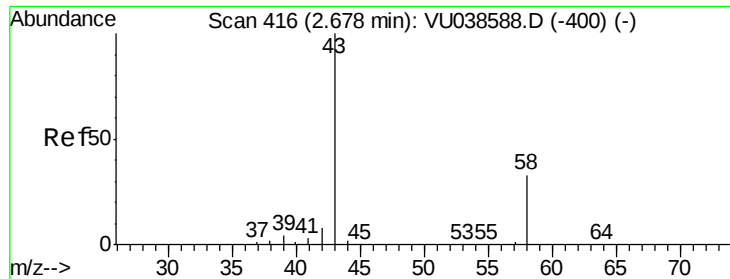
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.559 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.00 min

Lab File: VU038595.D

Acq: 06 Jun 2020 02:32

Instrument :

MSVOA_U

ClientSampleId :

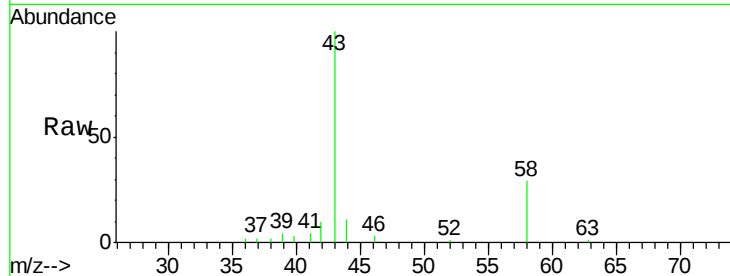
F9D06

Tot Ion: 43 Resp: 29511

Ion Ratio Lower Upper

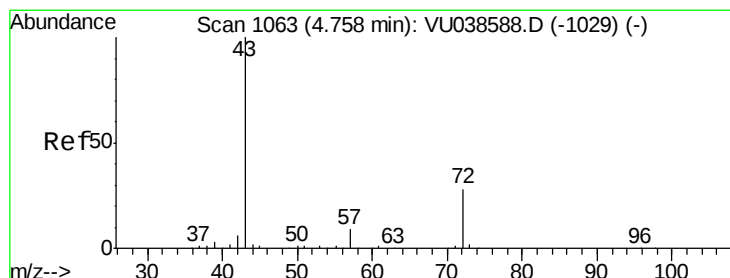
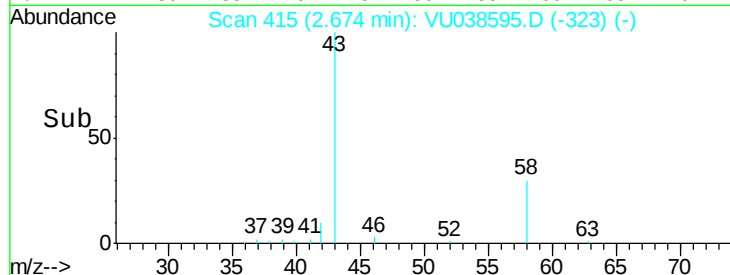
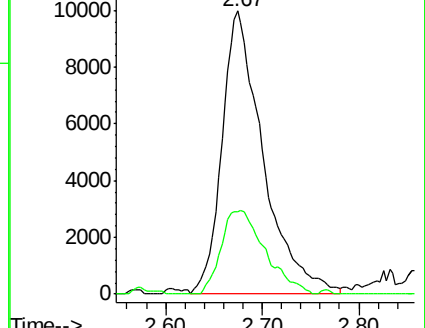
43 100

58 31.5 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038588.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU038588.D (-400) (-)



#21

2-Butanone

Concen: 1.428 ug/L

RT: 4.76 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VU038595.D

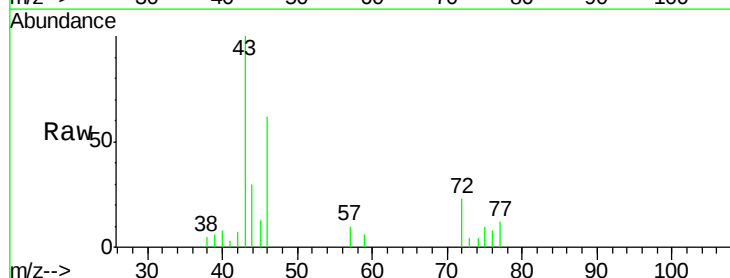
Acq: 06 Jun 2020 02:32

Tgt Ion: 43 Resp: 9375

Ion Ratio Lower Upper

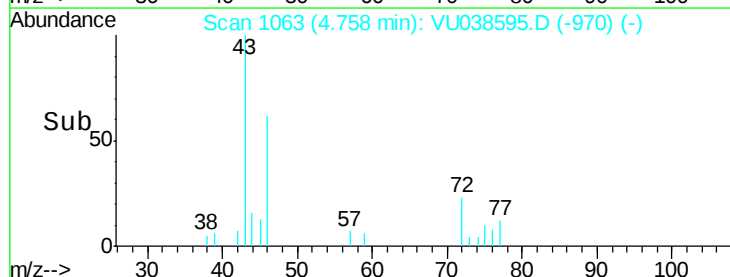
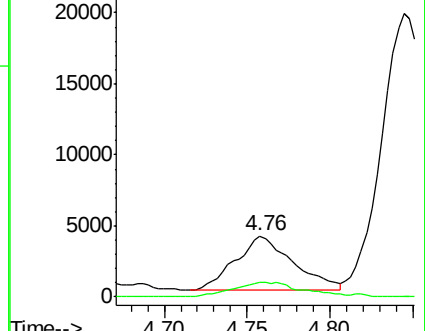
43 100

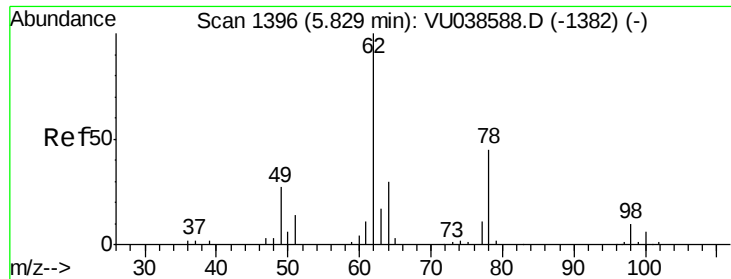
72 31.5 12.6 37.8



Abundance Ion 43.05 (42.75 to 43.75): VU038588.D (-1029) (-)

Ion 72.10 (71.80 to 72.80): VU038588.D (-1029) (-)

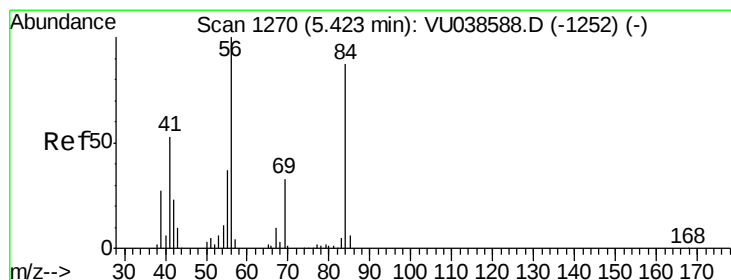
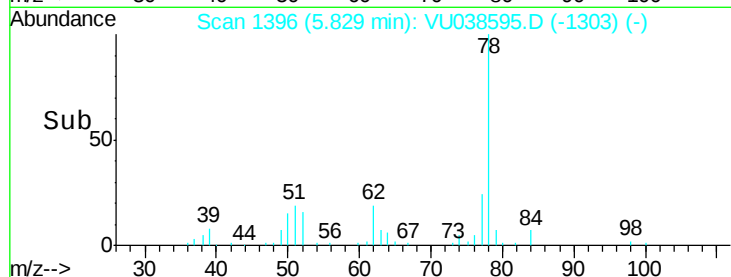
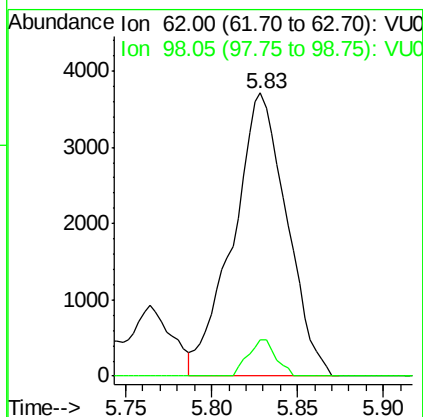
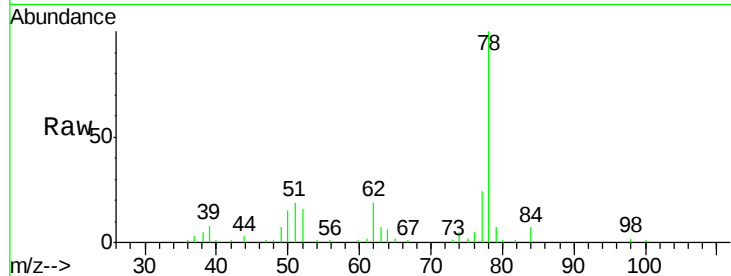




#27
 1,2-Dichloroethane
 Concen: 0.312 ug/L
 RT: 5.83 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VU038595.D
 Acq: 06 Jun 2020 02:32

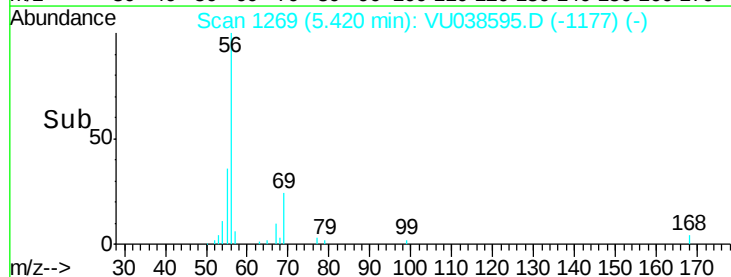
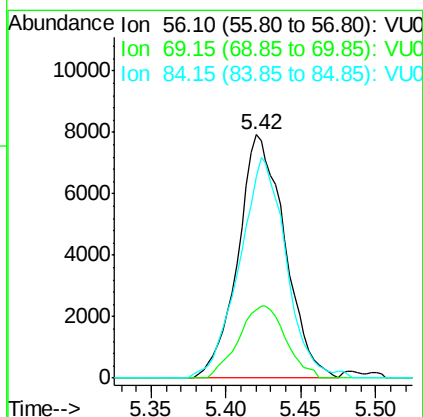
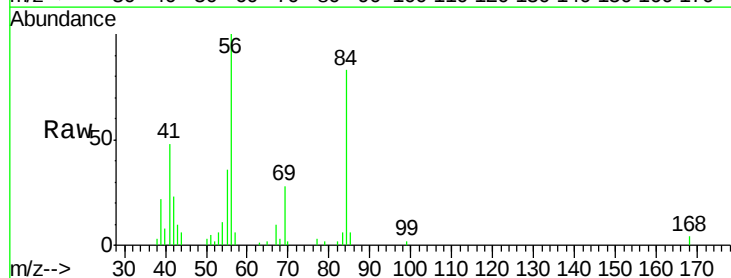
Instrument :
 MSVOA_U
 ClientSampleId :
 F9D06

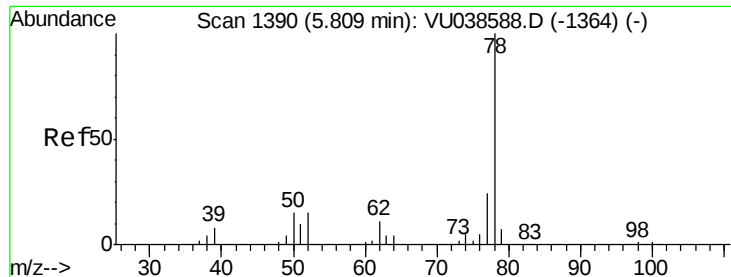
Tot Ion: 62 Resp: 8046
 Ion Ratio Lower Upper
 62 100
 98 13.0 7.4 11.2#



#30
 Cyclohexane
 Concen: 0.521 ug/L
 RT: 5.42 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VU038595.D
 Acq: 06 Jun 2020 02:32

Tgt Ion: 56 Resp: 17217
 Ion Ratio Lower Upper
 56 100
 69 29.8 24.2 36.4
 84 90.1 70.8 106.2





#33

Benzene

Concen: 1.533 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU038595.D

Acq: 06 Jun 2020 02:32

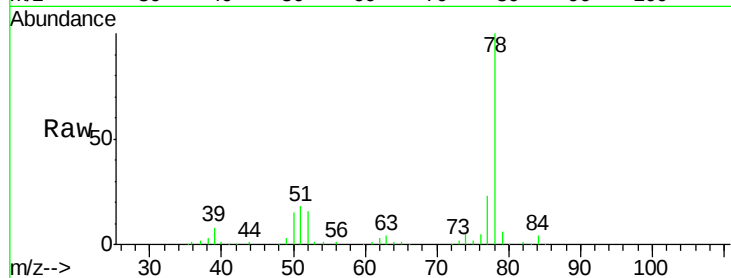
Instrument :

MSVOA_U

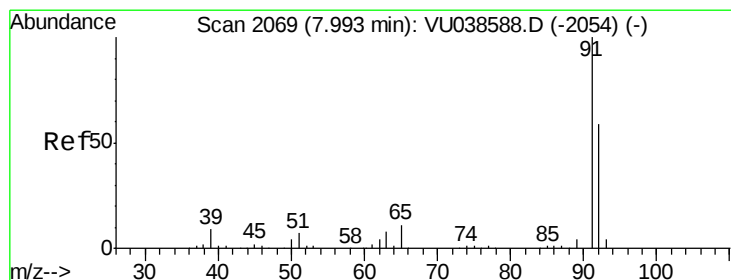
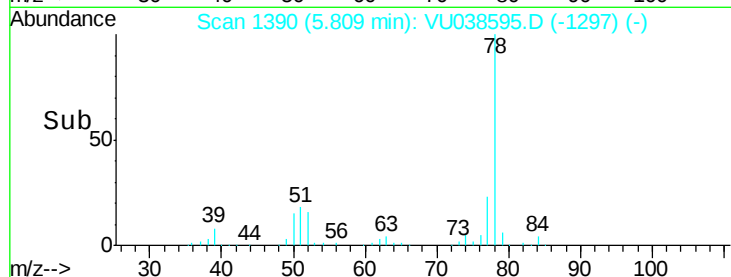
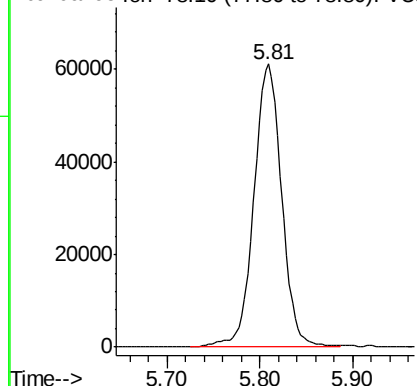
ClientSampleId :

F9D06

Tgt Ion: 78 Resp: 127375



Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.197 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038595.D

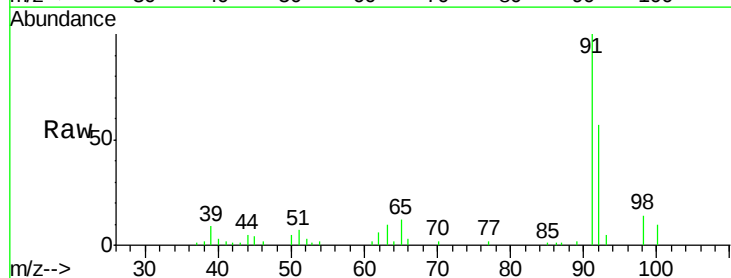
Acq: 06 Jun 2020 02:32

Tgt Ion: 91 Resp: 17169

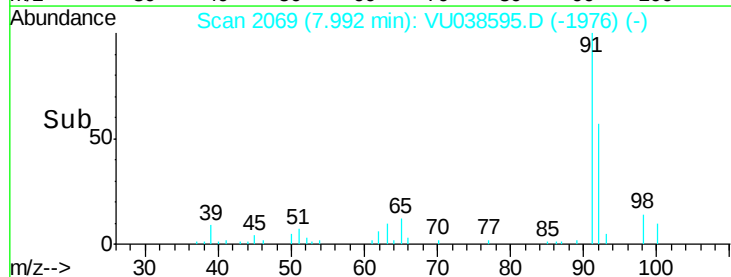
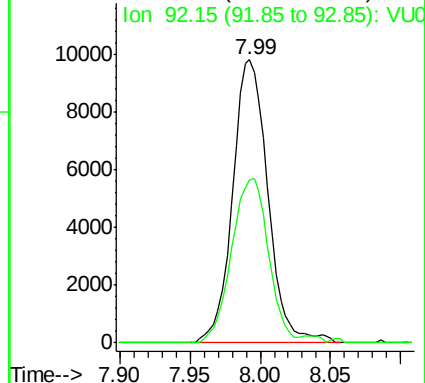
Ion Ratio Lower Upper

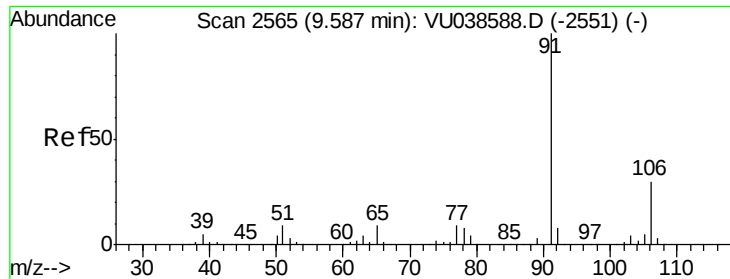
91 100

92 57.4 43.0 79.8



Abundance Ion 91.15 (90.85 to 91.85): VU0





#52

Ethylbenzene

Concen: 0.650 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038595.D

Acq: 06 Jun 2020 02:32

Instrument :

MSVOA_U

ClientSampleId :

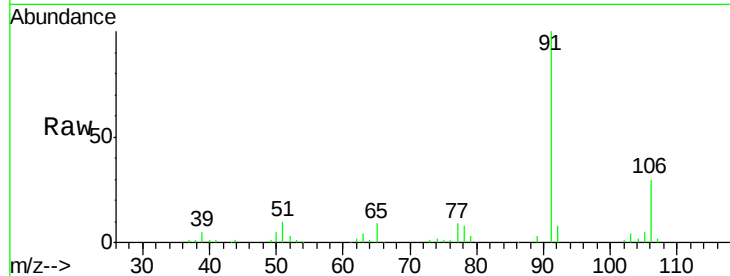
F9D06

Tot Ion: 91 Resp: 63074

Ion Ratio Lower Upper

91 100

106 30.0 21.7 40.3



Abundance Ion 91.15 (90.85 to 91.85): VU038588.D (-2551) (-)

Ion 106.15 (105.85 to 106.85): VU038588.D (-2551) (-)

9.59

40000

30000

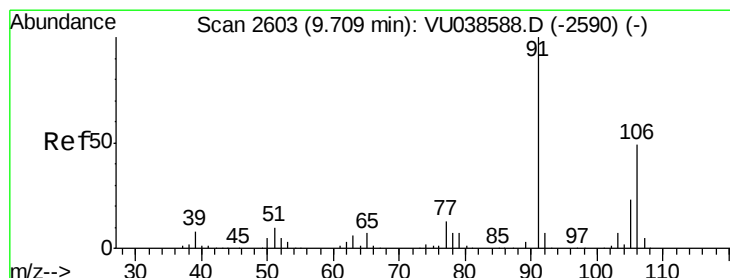
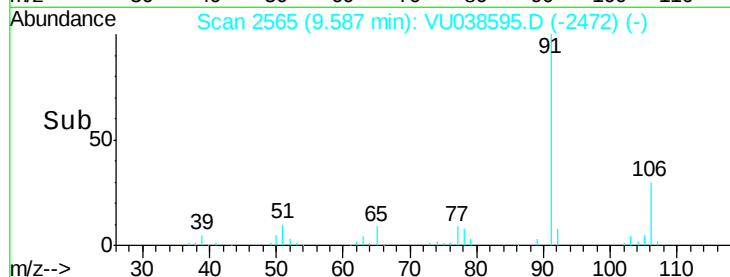
20000

10000

0

Time-->

9.50 9.55 9.60 9.65



#53

m,p-Xylene

Concen: 0.172 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU038595.D

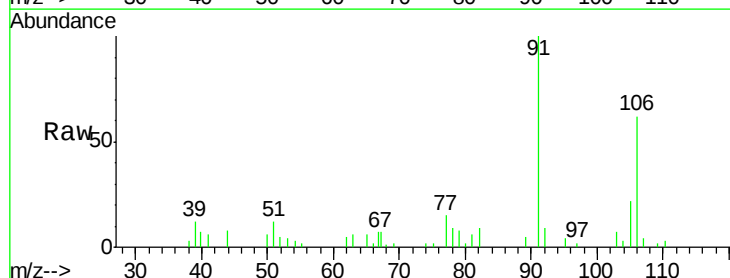
Acq: 06 Jun 2020 02:32

Tgt Ion: 106 Resp: 6406

Ion Ratio Lower Upper

106 100

91 161.5 138.1 256.5



Abundance Ion 106.15 (105.85 to 106.85): VU038588.D (-2590) (-)

Ion 91.15 (90.85 to 91.85): VU038588.D (-2590) (-)

9.71

8000

6000

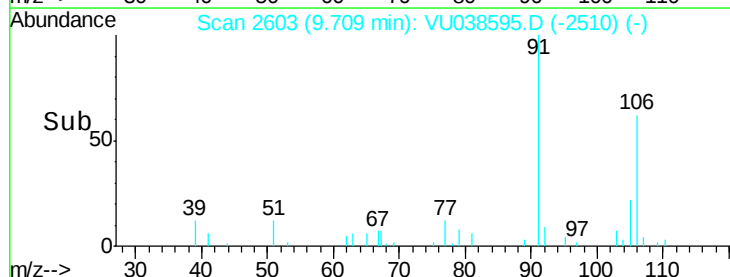
4000

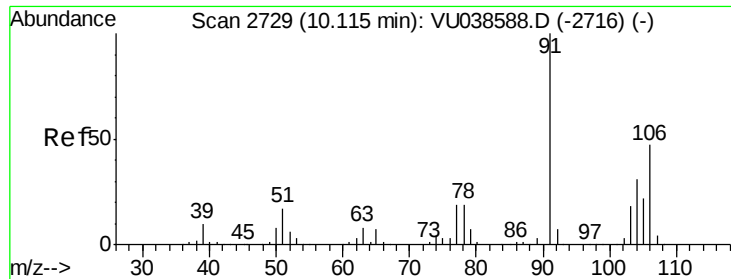
2000

0

Time-->

9.65 9.70 9.75





#54
 o-Xylene
 Concen: 0.173 ug/L
 RT: 10.11 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: VU038595.D
 Acq: 06 Jun 2020 02:32

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D06

Tot Ion:106 Resp: 6199
 Ion Ratio Lower Upper
 106 100
 91 239.9 150.6 279.8

