

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052820\
 Data File : VU038359.D
 Acq On : 28 May 2020 20:18
 Operator : JC/MD
 Sample : L2756-05MS 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETKW8MS

Quant Time: May 29 08:49:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 29 04:31:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	606461	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	577177	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	275392	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	189898	49.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.76%
7) Chloroethane-d5	1.93	69	157868	53.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.34%
11) 1,1-Dichloroethene-d2	2.59	63	385855	49.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.18%
21) 2-Butanone-d5	4.66	46	394193	108.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.98%
24) Chloroform-d	5.10	84	374535	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.74	65	260039	50.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.50%
32) Benzene-d6	5.76	84	776305	51.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.52%
36) 1,2-Dichloropropane-d6	6.72	67	241540	51.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.90%
41) Toluene-d8	7.92	98	664709	50.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.28%
43) trans-1,3-Dichloropropene-	8.20	79	115795	50.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.06%
47) 2-Hexanone-d5	8.65	63	286414	117.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.02%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	345803	50.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.52%
64) 1,2-Dichlorobenzene-d4	12.20	152	259777	50.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.78%

Target Compounds

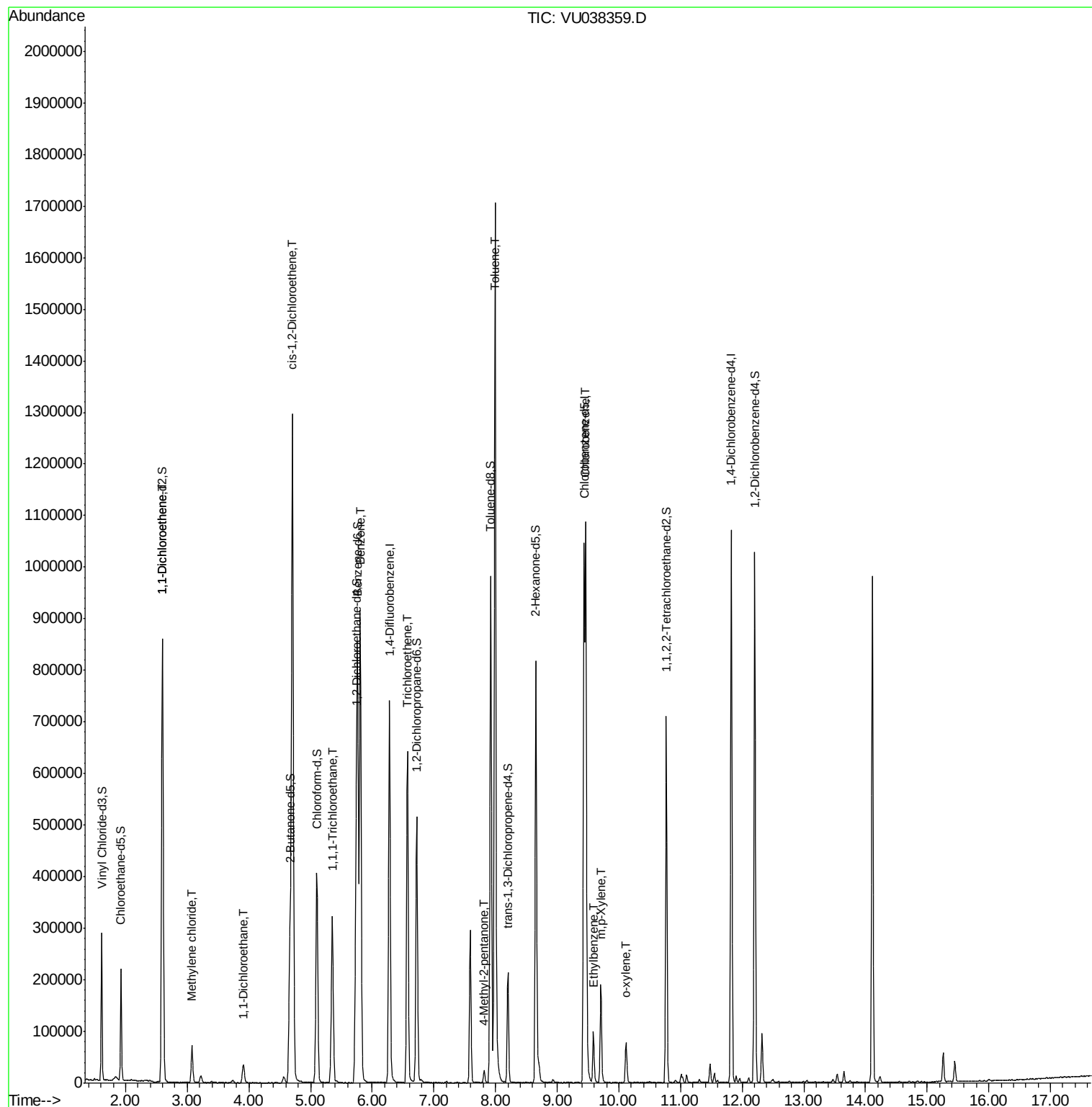
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.60	96	186356	50.68	ug/L	91
16) Methylene chloride	3.08	84	32838	7.77	ug/L	92
19) 1,1-Dichloroethane	3.91	63	41496	5.55	ug/L	97
20) cis-1,2-Dichloroethene	4.71	96	654616	151.30	ug/L	99
30) 1,1,1-Trichloroethane	5.35	97	236542	37.69	ug/L	99
33) Benzene	5.81	78	860598	53.09	ug/L	100
34) Trichloroethene	6.57	95	218501	52.68	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	13758	2.06	ug/L	99
42) Toluene	7.99	91	1279656	75.19	ug/L	100
51) Chlorobenzene	9.47	112	556369	50.87	ug/L	100
52) Ethylbenzene	9.59	91	75515	3.96	ug/L	100
53) m,p-Xylene	9.71	106	56124	7.70	ug/L	99
54) o-xylene	10.12	106	20609	2.91	ug/L	94

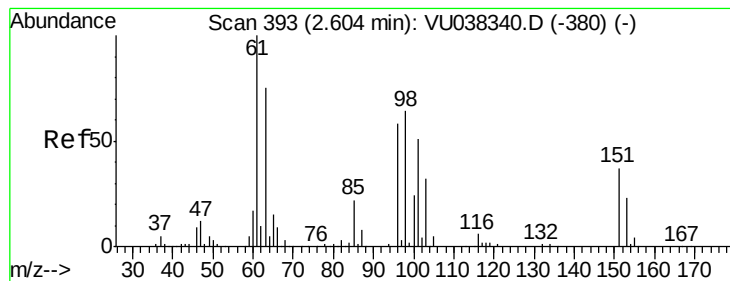
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU052820\
Data File : VU038359.D
Acq On : 28 May 2020 20:18
Operator : JC/MD
Sample : L2756-05MS 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETKW8MS

Quant Time: May 29 08:49:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 29 04:31:03 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 50.68 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU038359.D

Acq: 28 May 2020 20:18

Instrument :

MSVOA_U

ClientSampleId :

ETKW8MS

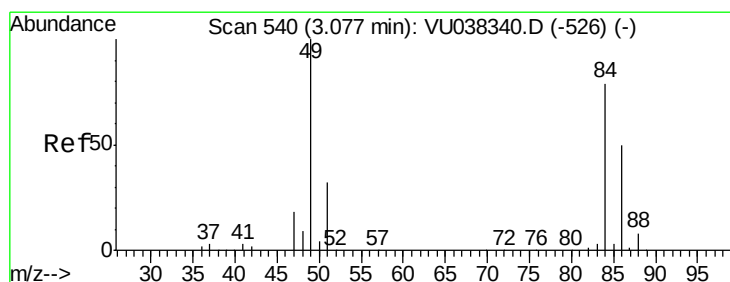
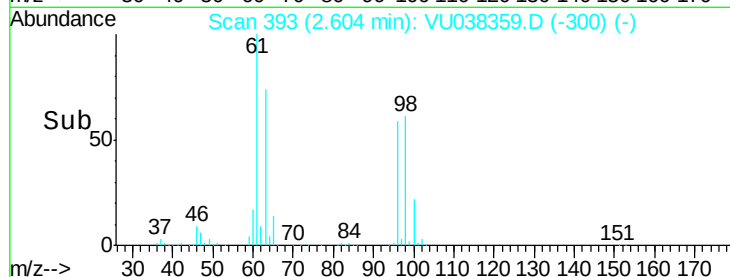
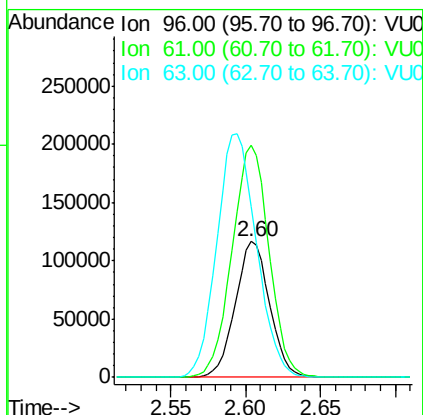
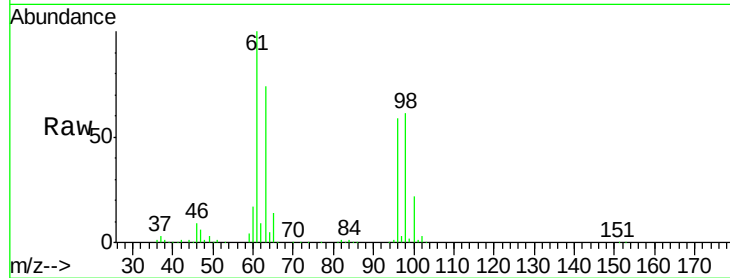
Tgt Ion: 96 Resp: 186356

Ion Ratio Lower Upper

96 100

61 170.7 123.5 229.3

63 125.9 76.6 142.2



#16

Methylene chloride

Concen: 7.77 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU038359.D

Acq: 28 May 2020 20:18

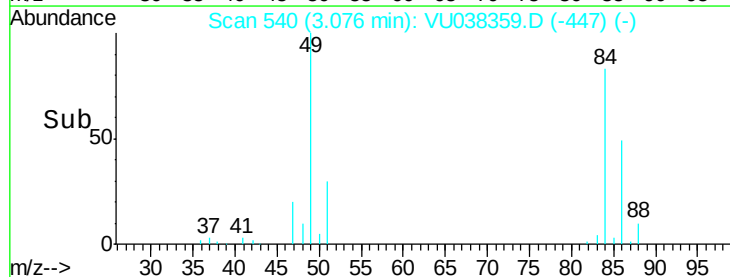
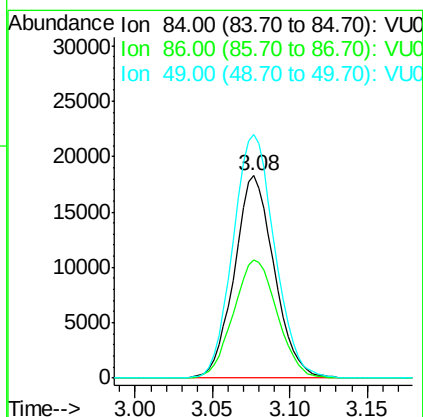
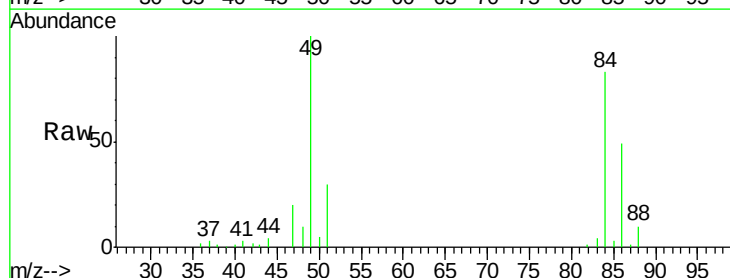
Tgt Ion: 84 Resp: 32838

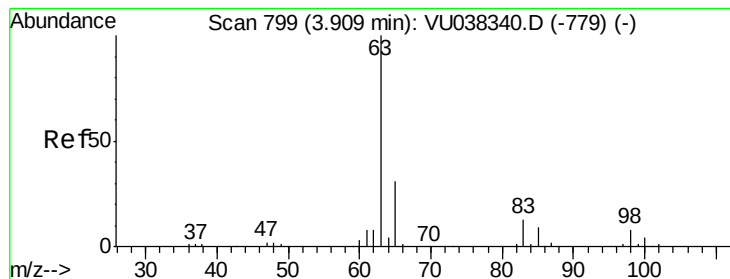
Ion Ratio Lower Upper

84 100

86 58.6 46.1 85.7

49 120.4 90.0 167.2





#19

1,1-Dichloroethane

Concen: 5.55 ug/L

RT: 3.91 min Scan# 799

Delta R.T. -0.00 min

Lab File: VU038359.D

Acq: 28 May 2020 20:18

Instrument :

MSVOA_U

ClientSampleId :

ETKW8MS

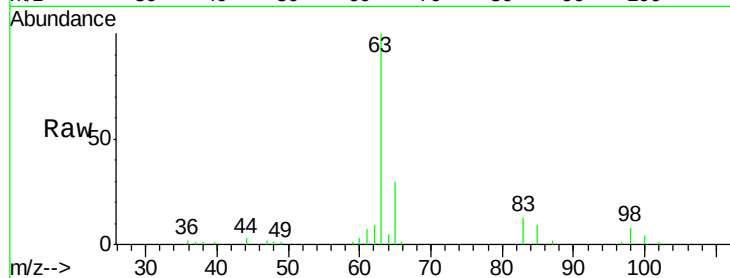
Tgt Ion: 63 Resp: 41496

Ion Ratio Lower Upper

63 100

65 29.7 22.2 41.2

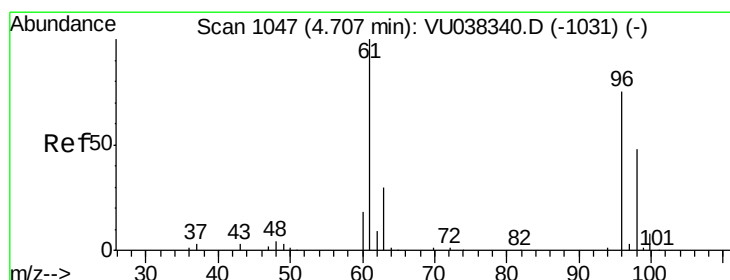
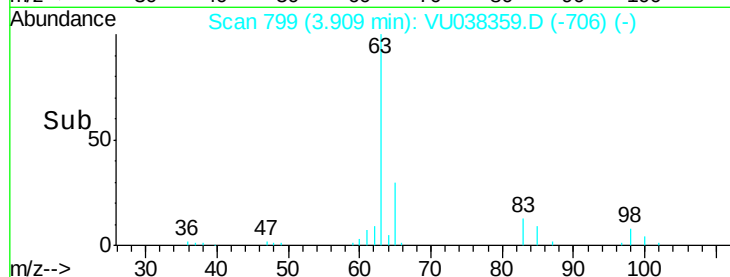
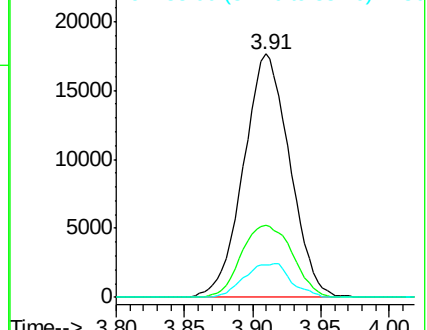
83 13.3 9.4 17.4



Abundance Ion 63.00 (62.70 to 63.70): VU038340.D (-779) (-)

Ion 65.00 (64.70 to 65.70): VU038340.D (-779) (-)

Ion 83.00 (82.70 to 83.70): VU038340.D (-779) (-)



#20

cis-1,2-Dichloroethene

Concen: 151.30 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038359.D

Acq: 28 May 2020 20:18

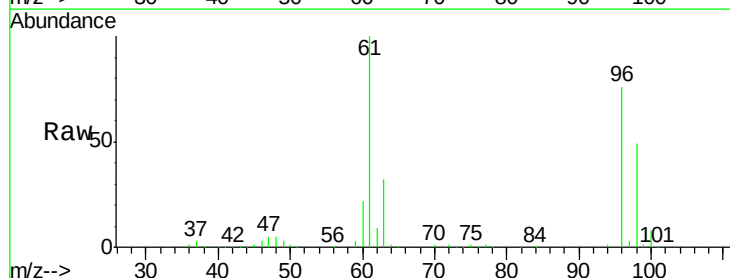
Tgt Ion: 96 Resp: 654616

Ion Ratio Lower Upper

96 100

61 132.1 93.4 173.4

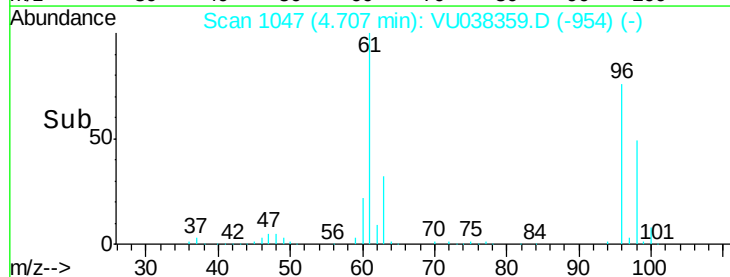
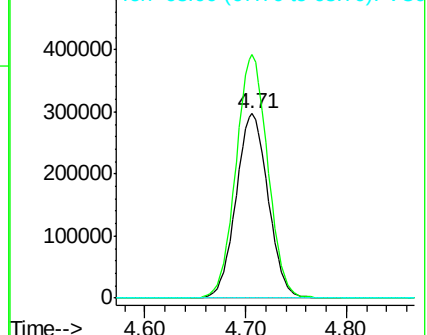
68 0.0 0.0 0.0

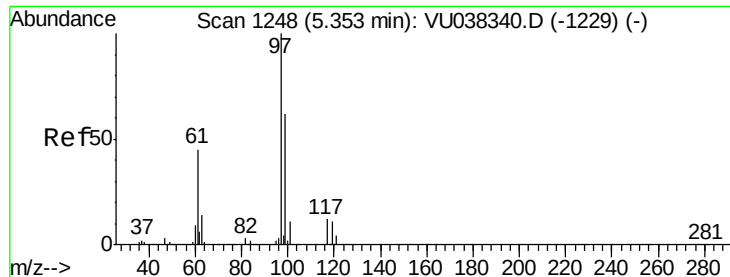


Abundance Ion 96.00 (95.70 to 96.70): VU038340.D (-1031) (-)

Ion 61.00 (60.70 to 61.70): VU038340.D (-1031) (-)

Ion 68.00 (67.70 to 68.70): VU038340.D (-1031) (-)

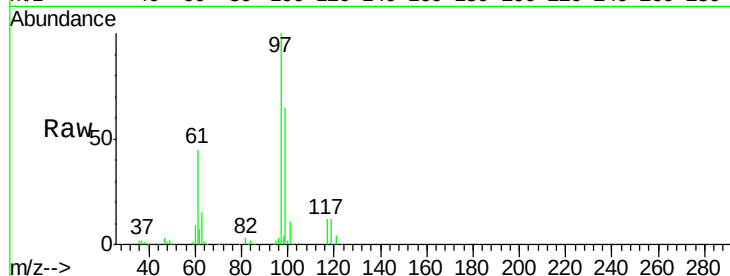




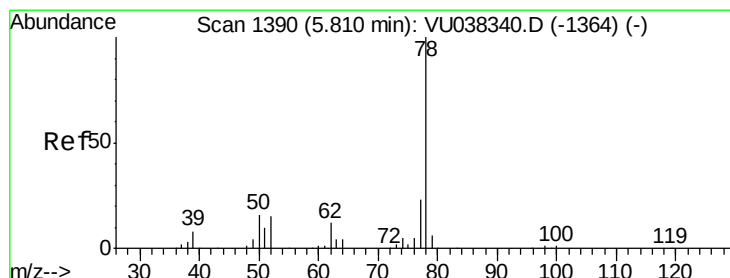
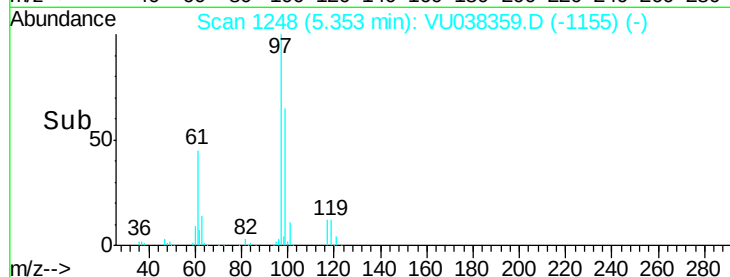
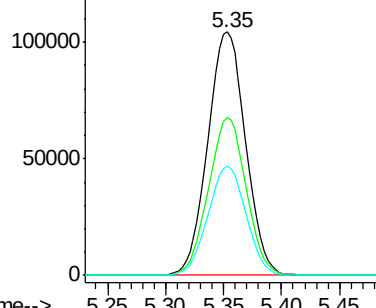
#30
 1,1,1-Trichloroethane
 Concen: 37.69 ug/L
 RT: 5.35 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VU038359.D
 Acq: 28 May 2020 20:18

Instrument :
 MSVOA_U
 ClientSampleId :
 ETKW8MS

Tgt Ion: 97 Resp: 236542
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.2 76.8
 61 45.1 35.9 53.9

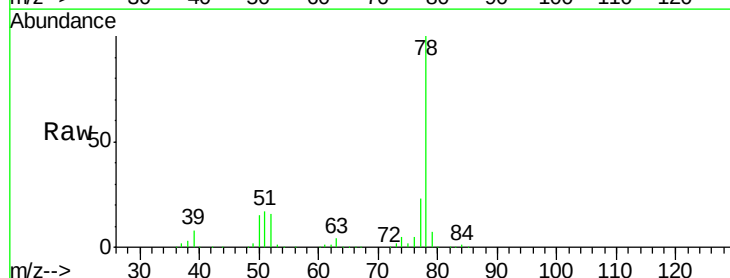


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0

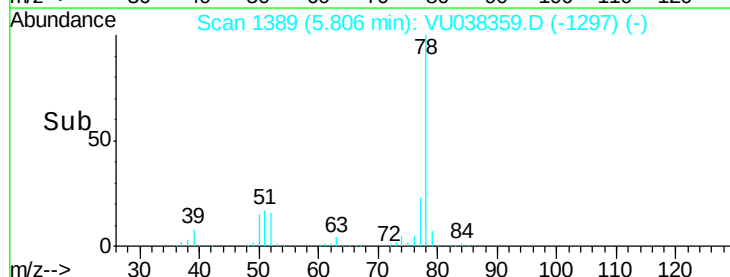
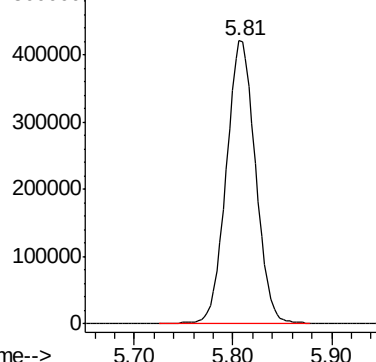


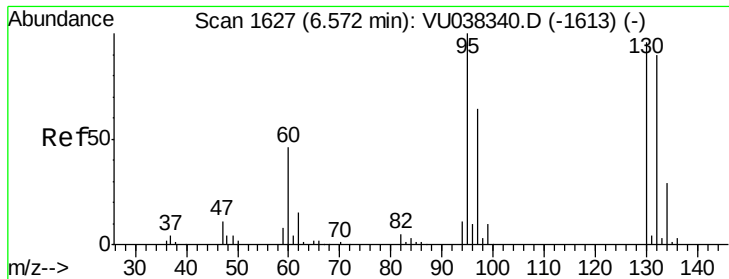
#33
 Benzene
 Concen: 53.09 ug/L
 RT: 5.81 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VU038359.D
 Acq: 28 May 2020 20:18

Tgt Ion: 78 Resp: 860598



Abundance Ion 78.00 (77.70 to 78.70): VU0

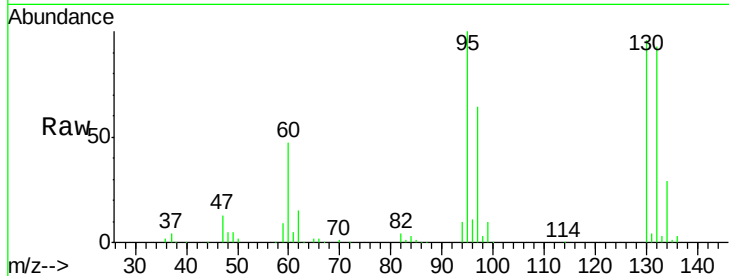




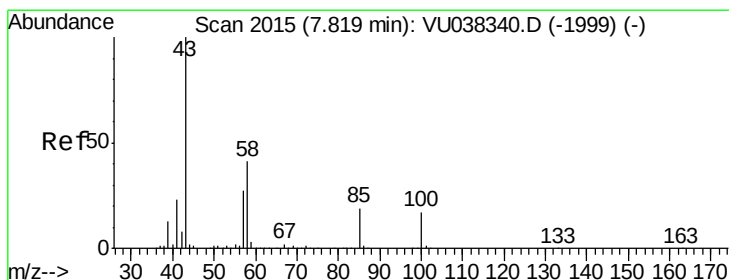
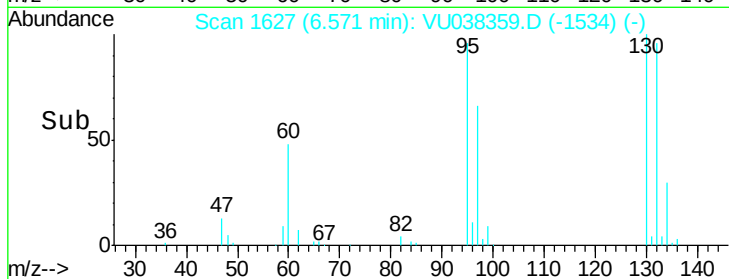
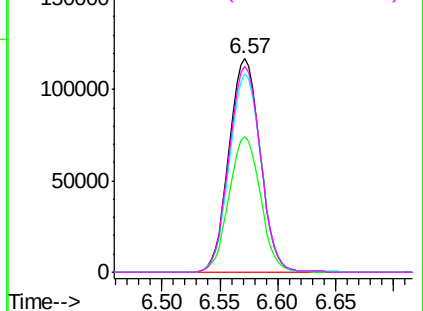
#34
 Trichloroethene
 Concen: 52.68 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038359.D
 Acq: 28 May 2020 20:18

Instrument :
 MSVOA_U
 ClientSampleId :
 ETKW8MS

Tgt Ion: 95 Resp: 218501
 Ion Ratio Lower Upper
 95 100
 97 63.8 44.3 82.3
 132 92.7 64.7 120.1
 130 96.3 68.5 127.1

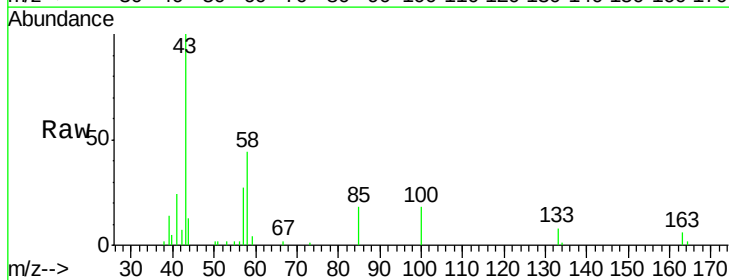


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

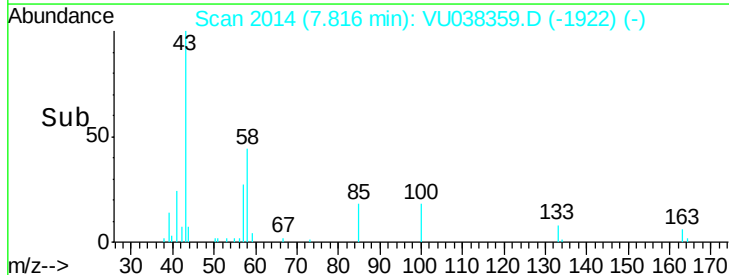
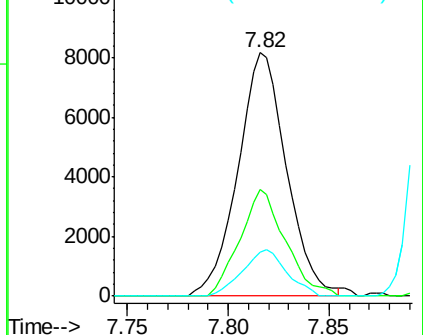


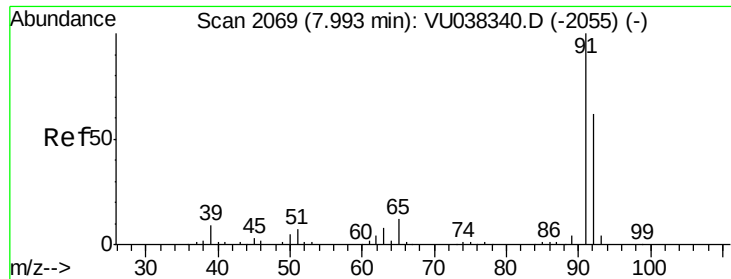
#40
 4-Methyl-2-pentanone
 Concen: 2.06 ug/L
 RT: 7.82 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: VU038359.D
 Acq: 28 May 2020 20:18

Tgt Ion: 43 Resp: 13758
 Ion Ratio Lower Upper
 43 100
 58 40.8 32.6 48.8
 100 17.4 12.9 19.3



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 100.00 (99.70 to 100.70): VU





#42

Toluene

Concen: 75.19 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038359.D

Acq: 28 May 2020 20:18

Instrument :

MSVOA_U

ClientSampleId :

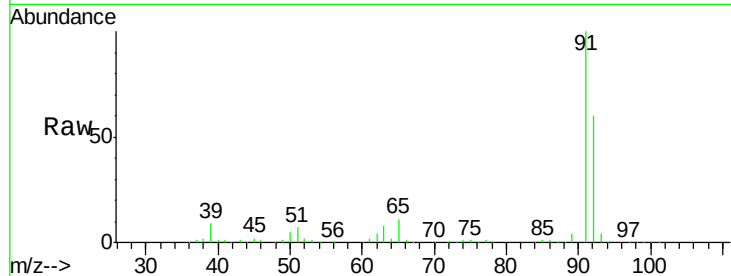
ETKW8MS

Tgt Ion: 91 Resp: 1279656

Ion Ratio Lower Upper

91 100

92 60.0 42.0 78.0



Abundance Ion 91.00 (90.70 to 91.70): VU038340.D (-2055) (-)

Ion 92.00 (91.70 to 92.70): VU038340.D (-2055) (-)

7.99

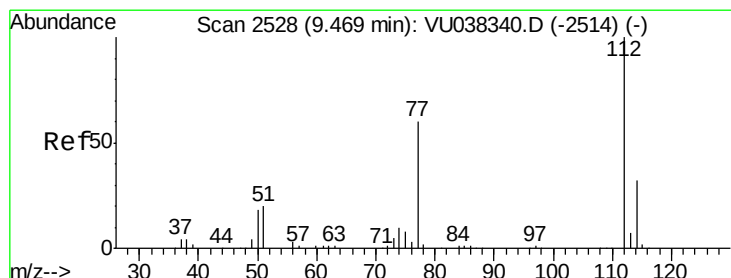
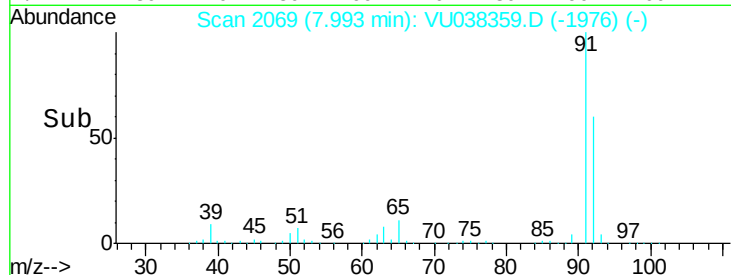
600000

400000

200000

0

Time-->



#51

Chlorobenzene

Concen: 50.87 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU038359.D

Acq: 28 May 2020 20:18

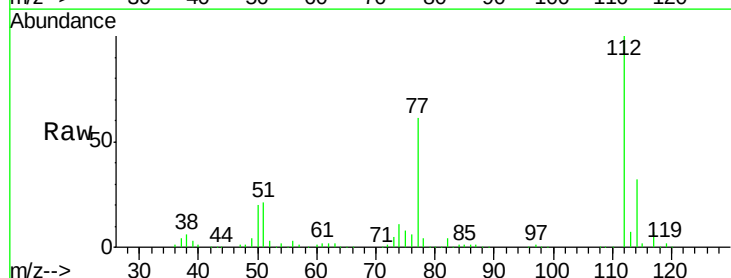
Tgt Ion: 112 Resp: 556369

Ion Ratio Lower Upper

112 100

114 32.2 22.6 42.0

77 61.1 48.8 73.2



Abundance Ion 112.00 (111.70 to 112.70): VU038340.D (-2514) (-)

Ion 114.00 (113.70 to 114.70): VU038340.D (-2514) (-)

Ion 77.00 (76.70 to 77.70): VU038340.D (-2514) (-)

9.47

400000

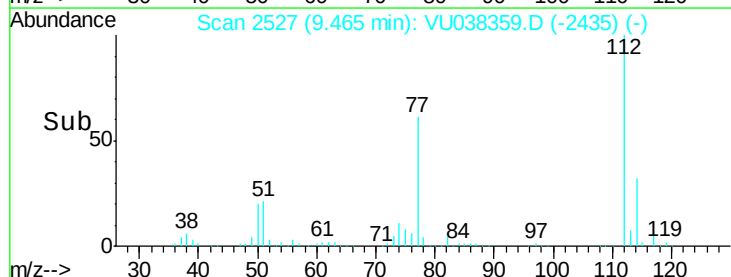
300000

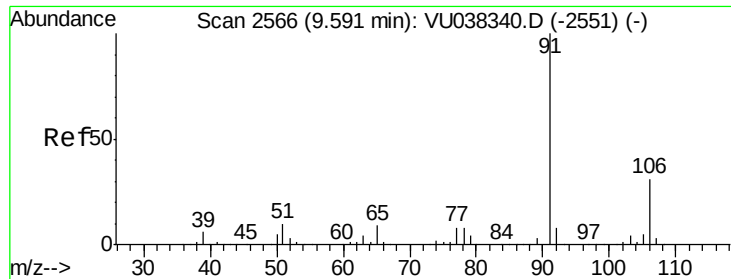
200000

100000

0

Time-->





#52

Ethylbenzene

Concen: 3.96 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038359.D

Acq: 28 May 2020 20:18

Instrument :

MSVOA_U

ClientSampleId :

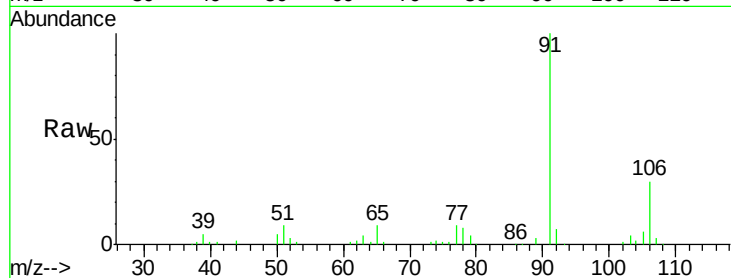
ETKW8MS

Tgt Ion: 91 Resp: 75515

Ion Ratio Lower Upper

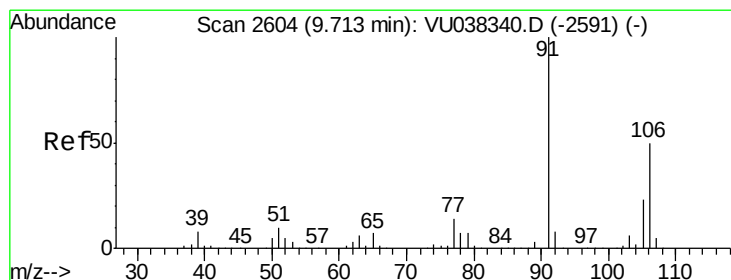
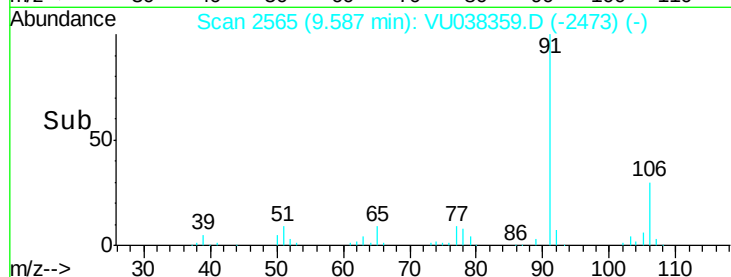
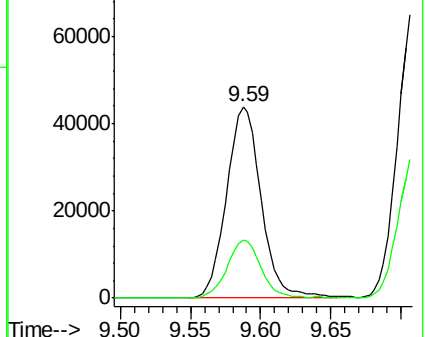
91 100

106 30.1 21.2 39.4



Abundance Ion 91.00 (90.70 to 91.70): VU038340.D (-2551) (-)

Ion 106.00 (105.70 to 106.70): VU038340.D (-2551) (-)



#53

m,p-Xylene

Concen: 7.70 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU038359.D

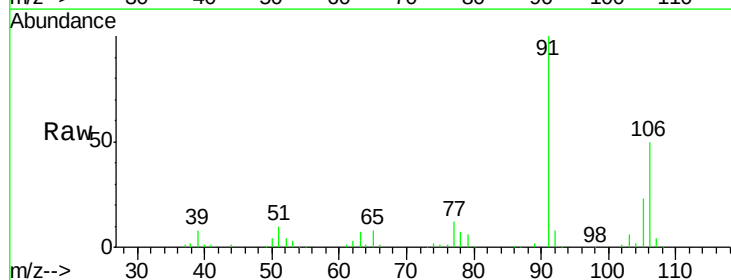
Acq: 28 May 2020 20:18

Tgt Ion: 106 Resp: 56124

Ion Ratio Lower Upper

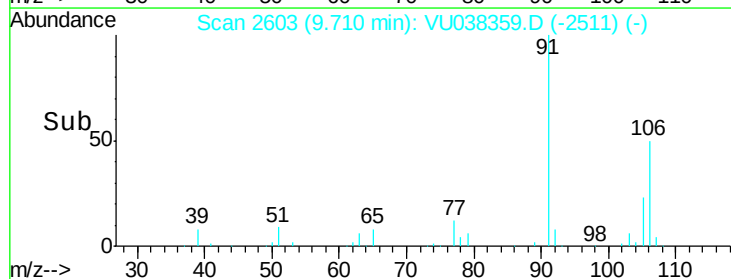
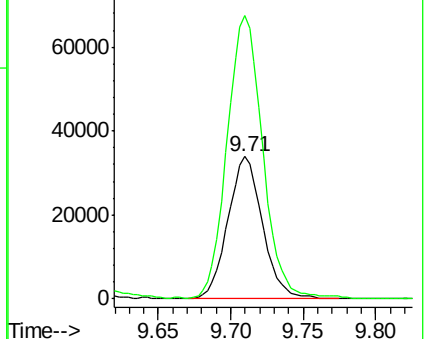
106 100

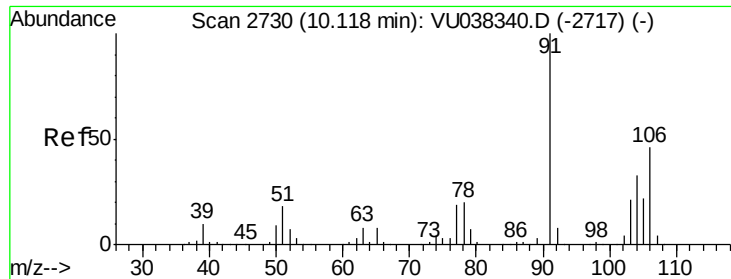
91 199.2 140.8 261.4



Abundance Ion 106.00 (105.70 to 106.70): VU038340.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VU038340.D (-2591) (-)





#54
 o-xylene
 Concen: 2.91 ug/L
 RT: 10.12 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VU038359.D
 Acq: 28 May 2020 20:18

Instrument :
 MSVOA_U
 ClientSampleId :
 ETKW8MS

Tgt Ion:106 Resp: 20609
 Ion Ratio Lower Upper
 106 100
 91 207.0 151.3 280.9

