

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111919\
 Data File : VU035762.D
 Acq On : 19 Nov 2019 11:36
 Operator : JC/SP
 Sample : K5910-20DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQK3DL

Quant Time: Nov 20 00:52:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 20 00:37:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	225733	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	237386	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	131714	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	85167	3.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.20%
7) Chloroethane-d5	1.93	69	82177	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.59	63	115247	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	4.70	46	258358	50.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.72%
24) Chloroform-d	5.11	84	172607	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.75	65	90456	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.77	84	341907	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.73	67	113954	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.93	98	300395	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	8.21	79	39830	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.68	63	189873	50.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.42%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	102079	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	132340	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

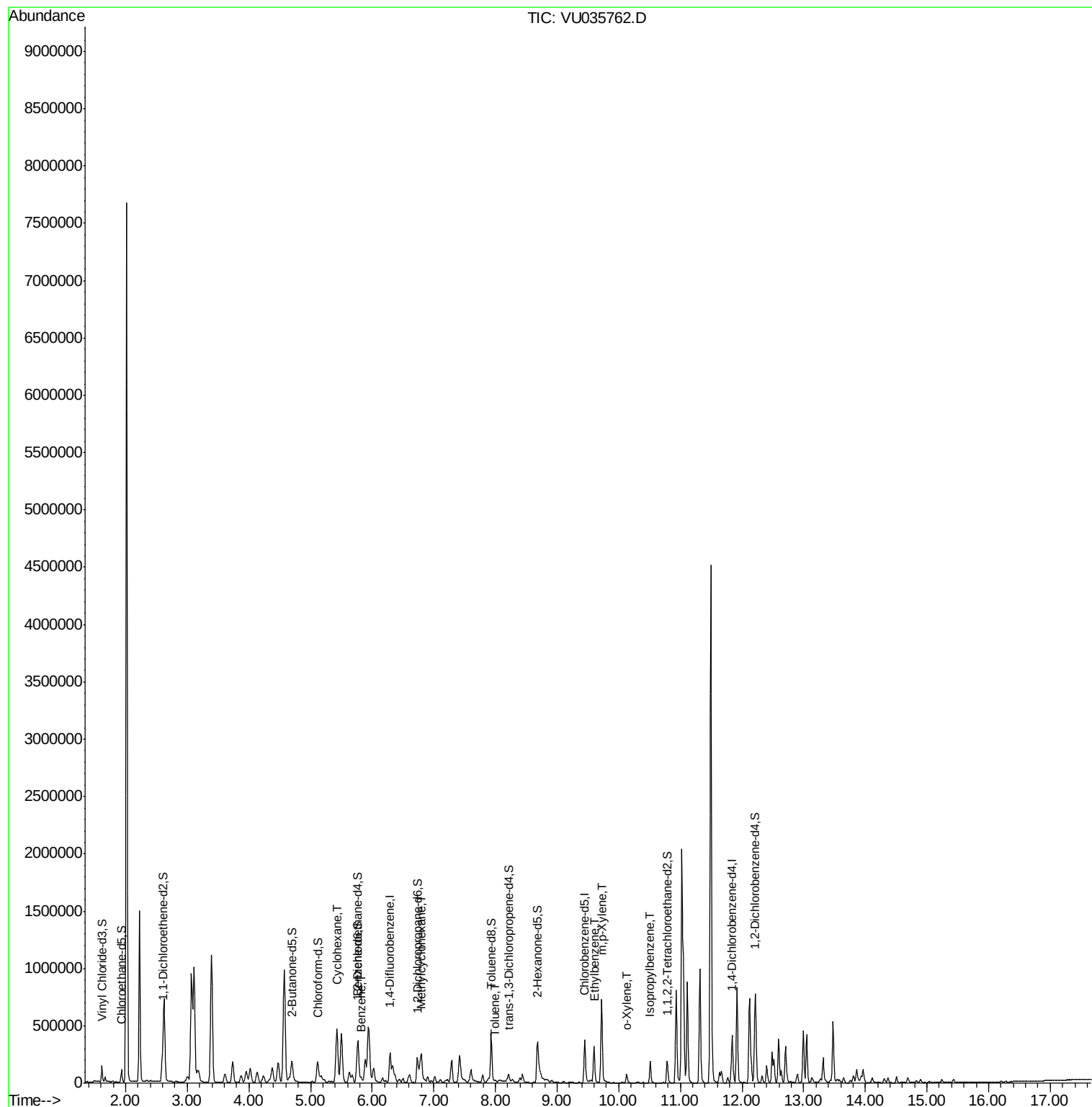
					Ovalue
30) Cyclohexane	5.43	56	231584	7.412 ug/L	96
33) Benzene	5.82	78	31072	0.372 ug/L	100
35) Methylcyclohexane	6.80	83	95326	2.927 ug/L #	77
42) Toluene	8.00	91	7388	0.084 ug/L	92
52) Ethylbenzene	9.60	91	226342	2.447 ug/L	97
53) m,p-Xylene	9.72	106	227065	6.483 ug/L	97
54) o-Xylene	10.13	106	21003	0.620 ug/L	94
56) Isopropylbenzene	10.51	105	119929	1.343 ug/L	99

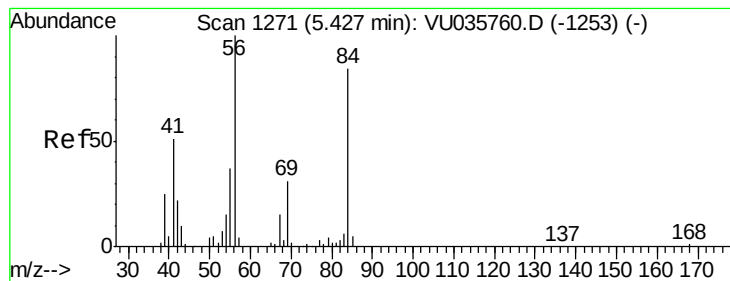
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 20 00:37:27 2019
Response via : Initial Calibration





#30

Cyclohexane

Concen: 7.412 ug/L

RT: 5.43 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU035762.D

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Instrument :

MSVOA_U

ClientSampleId :

GAQK3DL

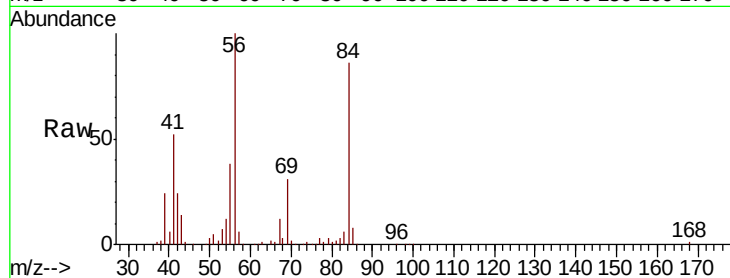
Tot Ion: 56 Resp: 231584

Ion Ratio Lower Upper

56 100

69 34.1 24.6 37.0

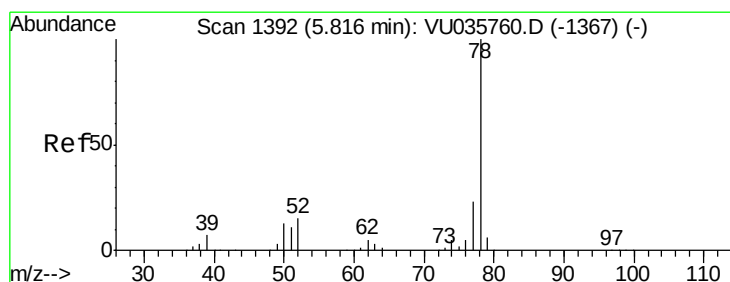
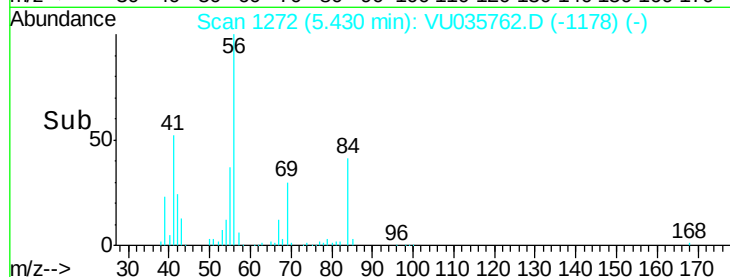
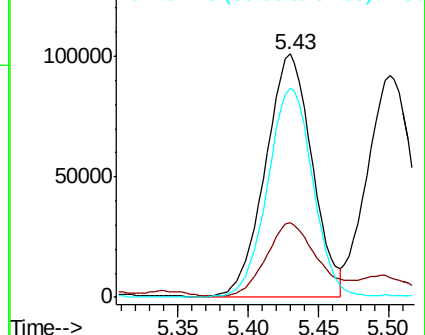
84 83.7 69.7 104.5



Abundance Ion 56.10 (55.80 to 56.80): VU035762.D (-1178) (-)

Ion 69.15 (68.85 to 69.85): VU035762.D (-1178) (-)

Ion 84.15 (83.85 to 84.85): VU035762.D (-1178) (-)



#33

Benzene

Concen: 0.372 ug/L

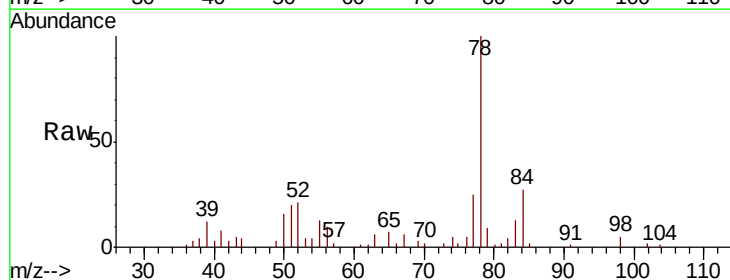
RT: 5.82 min Scan# 1393

Delta R.T. 0.00 min

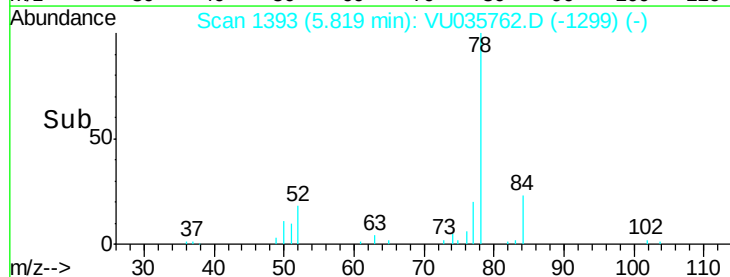
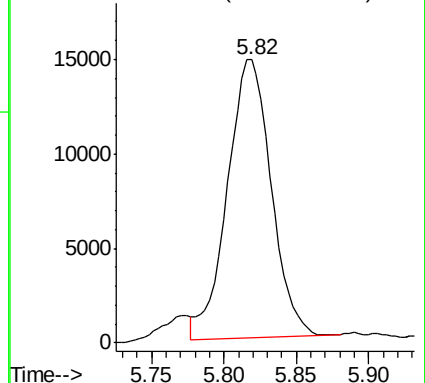
Lab File: VU035762.D

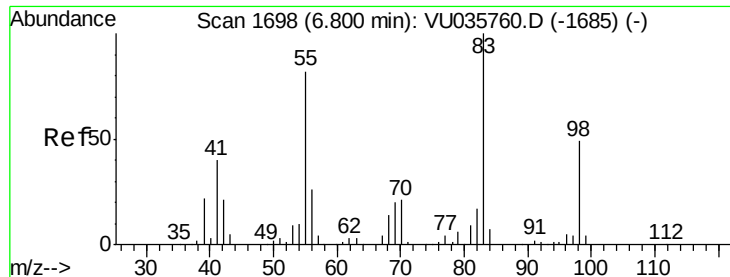
Acq: 19 Nov 2019 11:36

Tgt Ion: 78 Resp: 31072



Abundance Ion 78.10 (77.80 to 78.80): VU035762.D (-1299) (-)

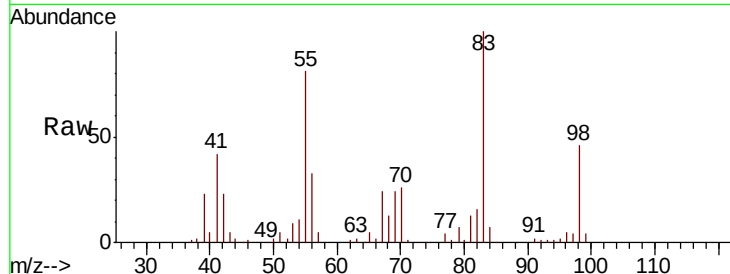




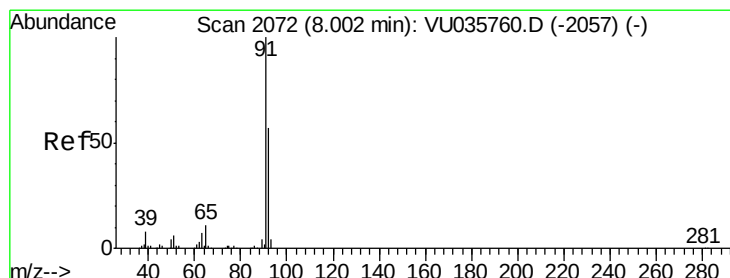
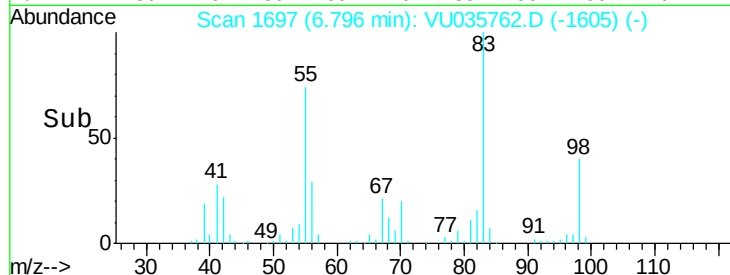
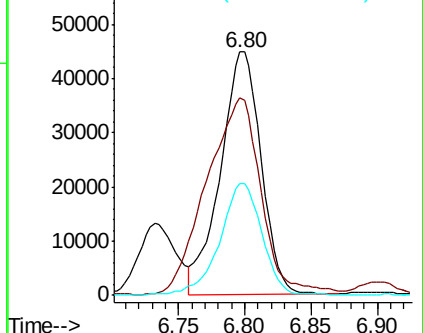
#35
Methylvlcyclohexane
Concen: 2.927 ug/L
RT: 6.80 min Scan# 1697
Delta R.T. -0.00 min
Lab File: VU035762.D
Acq: 19 Nov 2019 11:36

Instrument :
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GAQK3DL

Tot Ion: 83 Resp: 95326
Ion Ratio Lower Upper
83 100
55 108.5 62.6 93.8#
98 48.4 37.2 55.8

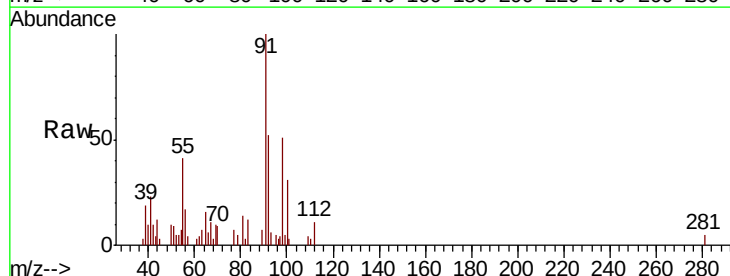


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

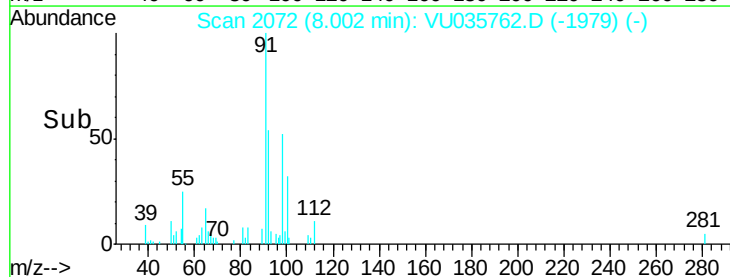
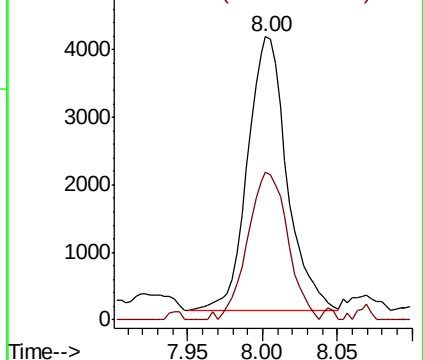


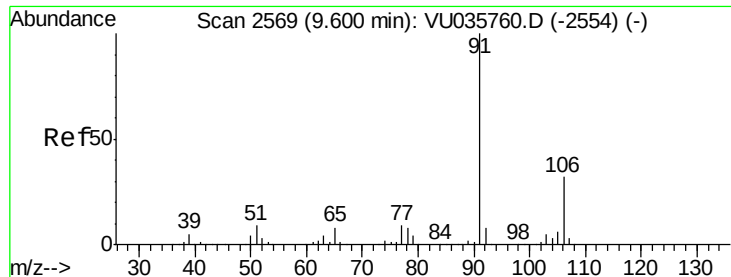
#42
Toluene
Concen: 0.084 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VU035762.D
Acq: 19 Nov 2019 11:36

Tgt Ion: 91 Resp: 7388
Ion Ratio Lower Upper
91 100
92 52.3 40.5 75.3



Abundance Ion 91.15 (90.85 to 91.85): VU0
Ion 92.15 (91.85 to 92.85): VU0

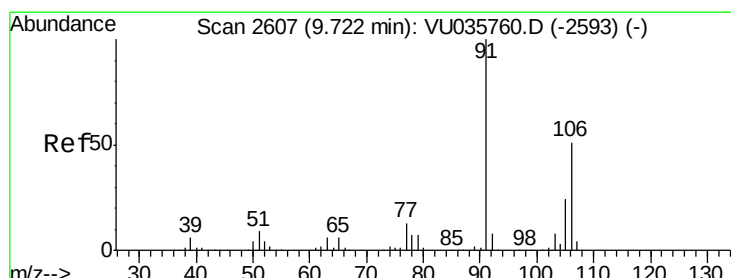
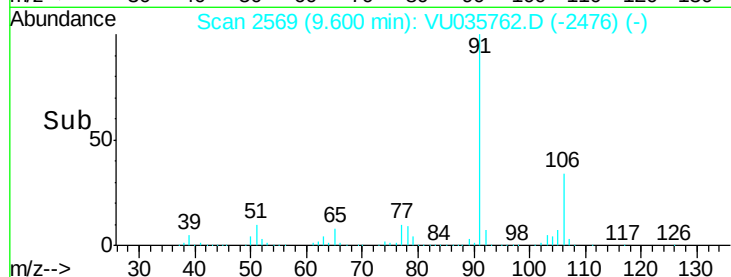
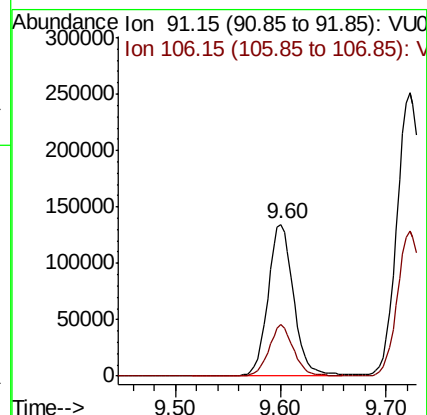
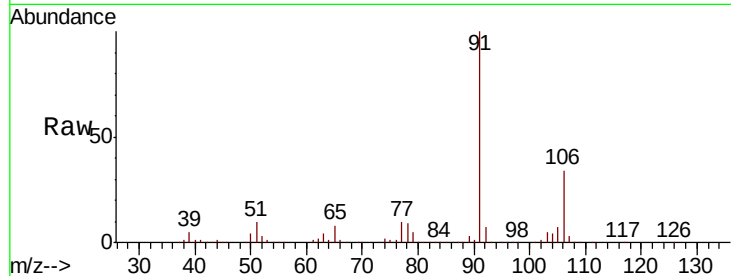




#52
Ethylbenzene
Concen: 2.447 ug/L
RT: 9.60 min Scan# 2569
Delta R.T. -0.00 min
Lab File: VU035762.D
Acq: 19 Nov 2019 11:36

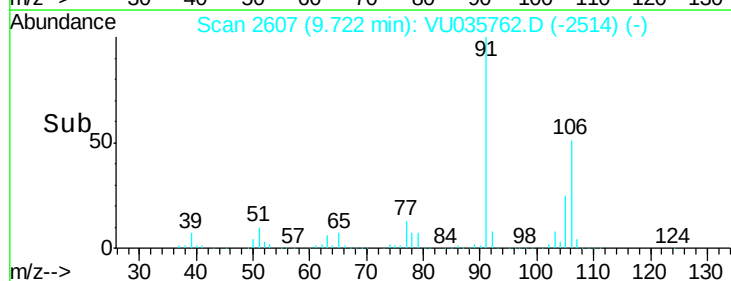
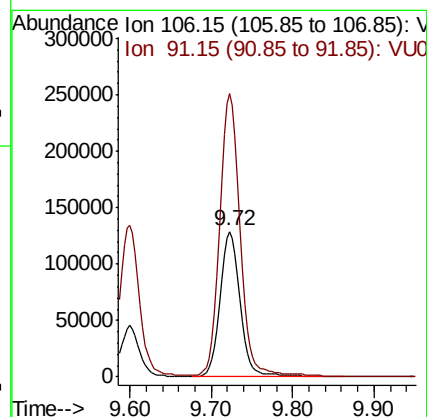
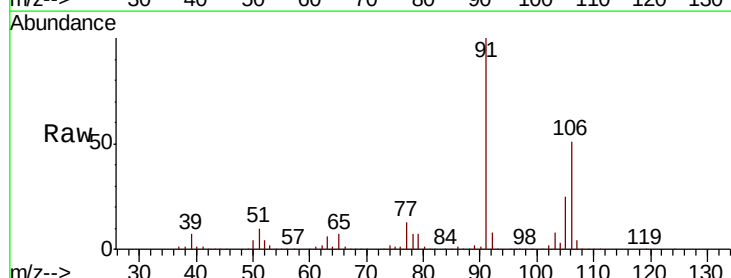
Instrument :
MSVOA_U
ClientSampled :
GAQK3DL

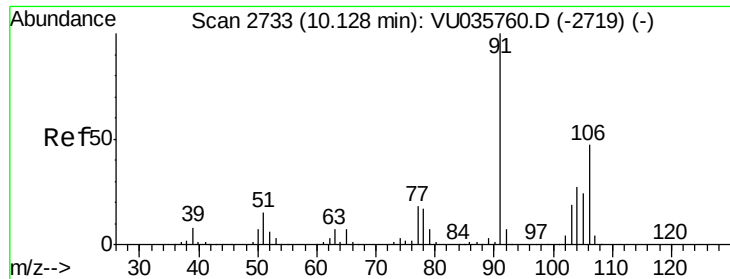
Tot Ion: 91 Resp: 226342
Ion Ratio Lower Upper
91 100
106 33.7 22.4 41.6



#53
m,p-Xylene
Concen: 6.483 ug/L
RT: 9.72 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VU035762.D
Acq: 19 Nov 2019 11:36

Tgt Ion: 106 Resp: 227065
Ion Ratio Lower Upper
106 100
91 195.0 139.4 259.0

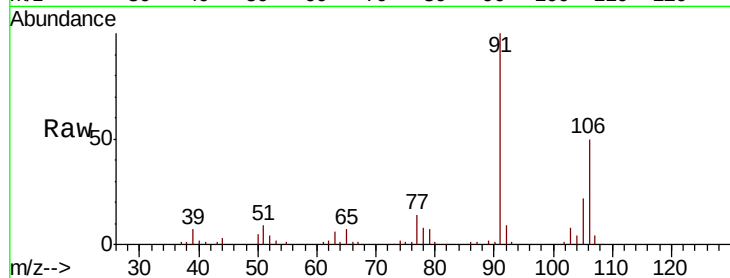




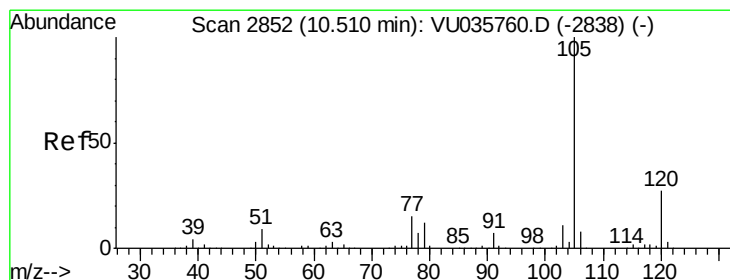
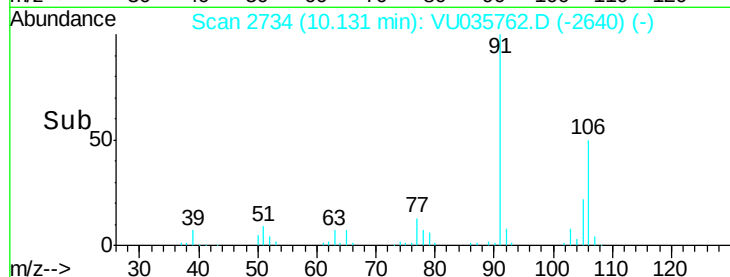
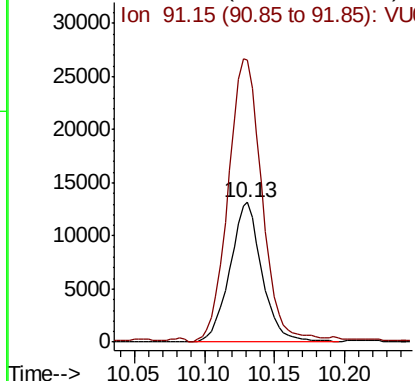
#54
o-Xylene
Concen: 0.620 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU035762.D
Acq: 19 Nov 2019 11:36

Instrument :
MSVOA_U
ClientSampleId :
GAQK3DL

Tot Ion:106 Resp: 21003
Ion Ratio Lower Upper
106 100
91 201.7 147.7 274.3

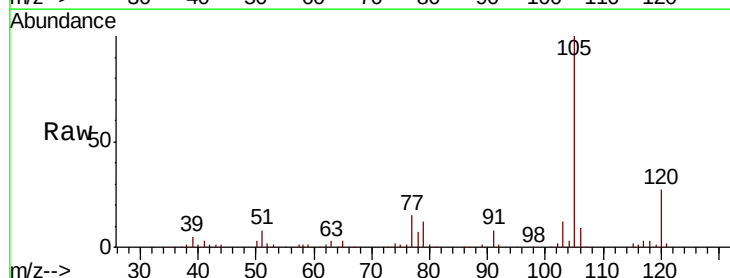


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0



#56
Isopropylbenzene
Concen: 1.343 ug/L
RT: 10.51 min Scan# 2852
Delta R.T. -0.00 min
Lab File: VU035762.D
Acq: 19 Nov 2019 11:36

Tgt Ion:105 Resp: 119929
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.2
77 15.9 11.8 17.8



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

