

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037678.D
 Acq On : 10 Apr 2020 17:12
 Operator : JC/MD
 Sample : L2176-07MEDL 4X
 Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 23:32:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 23:26:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	754700	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	734540	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	374407	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	241636	36.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.26%
7) Chloroethane-d5	1.90	69	217341	40.76	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.52%
11) 1,1-Dichloroethene-d2	2.58	63	334014	31.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.14%
21) 2-Butanone-d5	4.66	46	536878	100.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.44%
24) Chloroform-d	5.10	84	474164	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.64%
26) 1,2-Dichloroethane-d4	5.74	65	333485	49.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.02%
32) Benzene-d6	5.76	84	1026298	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.98%
36) 1,2-Dichloropropane-d6	6.72	67	350475	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.44%
41) Toluene-d8	7.92	98	957204	47.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.54%
43) trans-1,3-Dichloropropene-	8.20	79	184064	47.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.66%
47) 2-Hexanone-d5	8.65	63	454173	110.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.28%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	549986	54.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.26%
64) 1,2-Dichlorobenzene-d4	12.20	152	384594	49.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.72%

Target Compounds

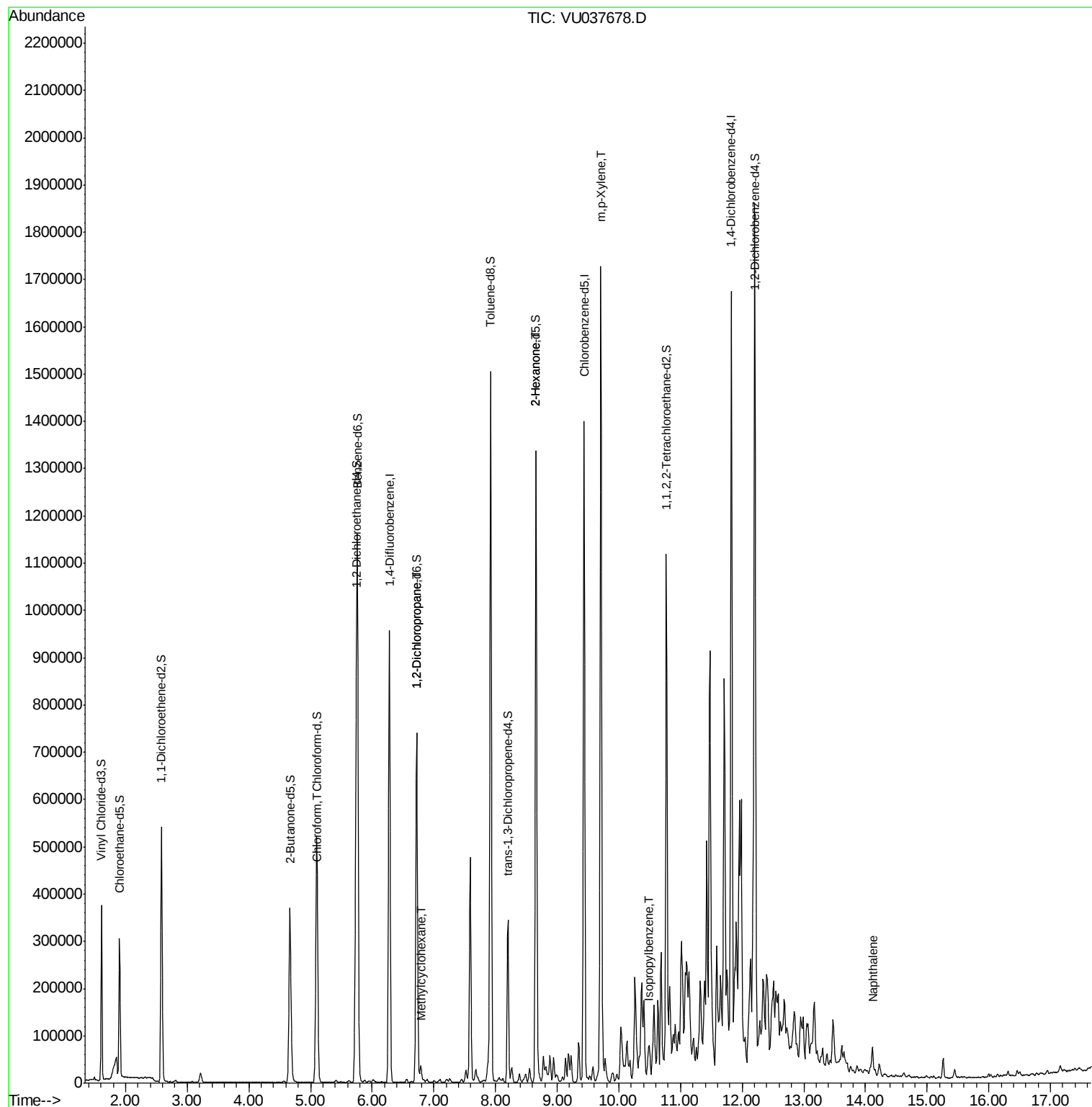
					Ovalue
25) Chloroform	5.12	83	10622	1.113 ug/L	99
35) Methylcyclohexane	6.79	83	13622	1.395 ug/L	93
37) 1,2-Dichloropropane	6.72	63	37902	6.171 ug/L #	87
48) 2-Hexanone	8.65	43	74654	8.667 ug/L #	55
53) m,p-Xylene	9.71	106	474273	46.916 ug/L	100
56) Isopropylbenzene	10.50	105	31239	1.197 ug/L #	95
69) Naphthalene	14.11	128	45962	1.466 ug/L	98

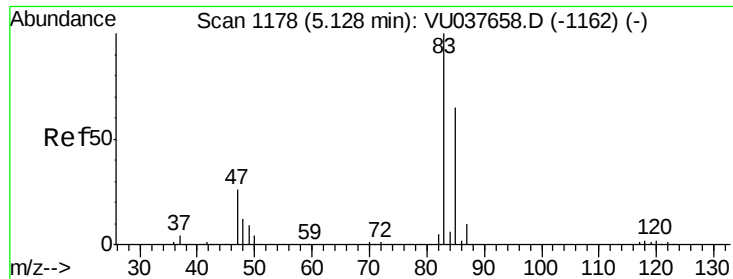
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040920\
Data File : VU037678.D
Acq On : 10 Apr 2020 17:12
Operator : JC/MD
Sample : L2176-07MEDL 4X
Misc : 6.14/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 10 23:32:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 10 23:26:55 2020
Response via : Initial Calibration

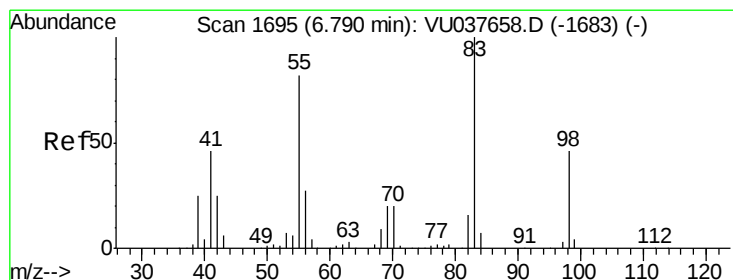
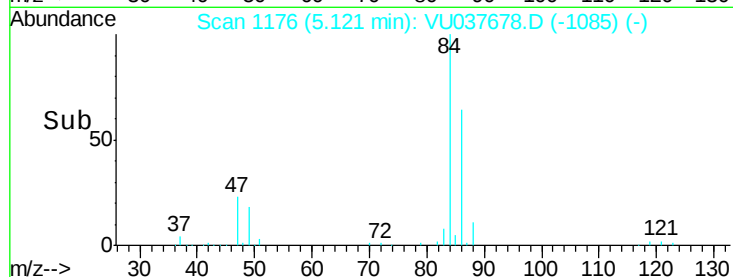
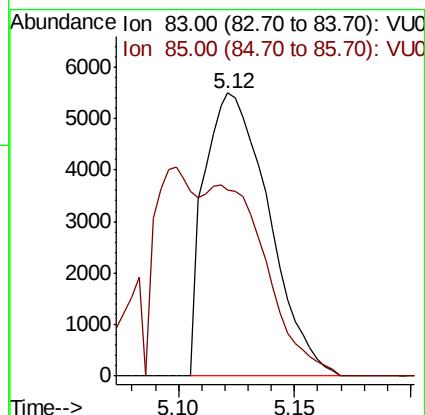
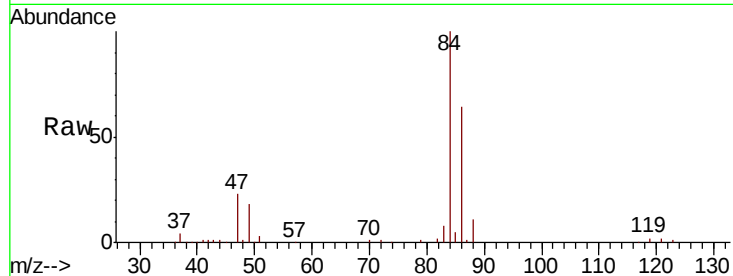




#25
Chloroform
Concen: 1.113 ug/L
RT: 5.12 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VU037678.D
Acq: 10 Apr 2020 17:12

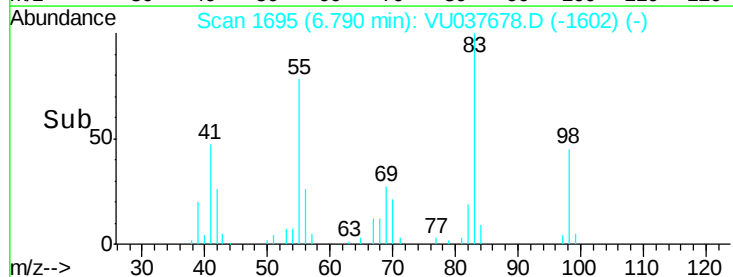
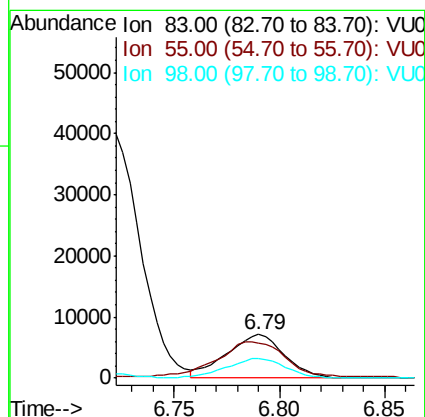
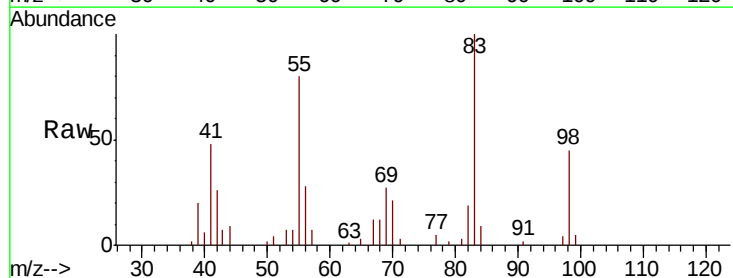
Instrument :
MSVOA_U
ClientSampleId :

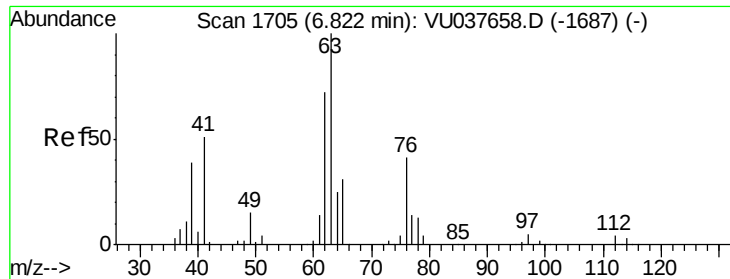
Tot Ion: 83 Resp: 10622
Ion Ratio Lower Upper
83 100
85 65.8 45.5 84.5



#35
Methylcyclohexane
Concen: 1.395 ug/L
RT: 6.79 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU037678.D
Acq: 10 Apr 2020 17:12

Tgt Ion: 83 Resp: 13622
Ion Ratio Lower Upper
83 100
55 90.3 64.6 96.8
98 46.6 38.0 57.0





#37

1,2-Dichloropropane

Concen: 6.171 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU037678.D

Acq: 10 Apr 2020 17:12

Instrument :

MSVOA_U

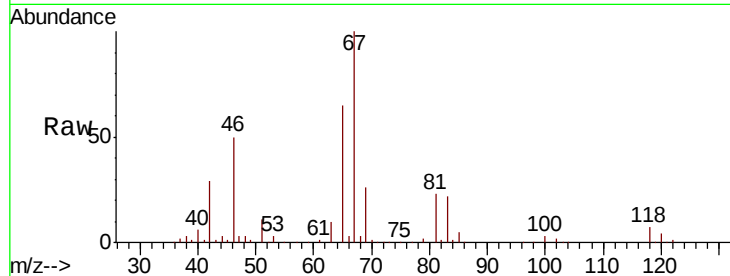
ClientSampled :

Tot Ion: 63 Resp: 37902

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



Abundance Ion 63.00 (62.70 to 63.70): VU037678.D (-1673) (-)

Ion 112.00 (111.70 to 112.70): VU037678.D (-1673) (-)

6.72

20000

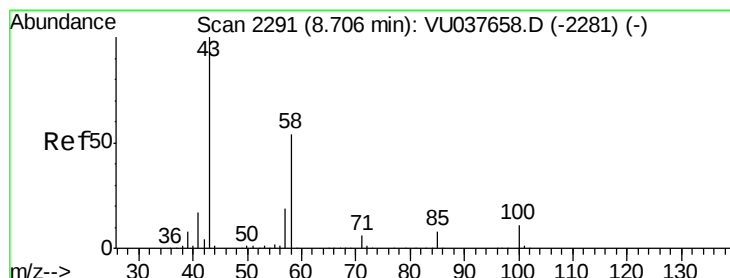
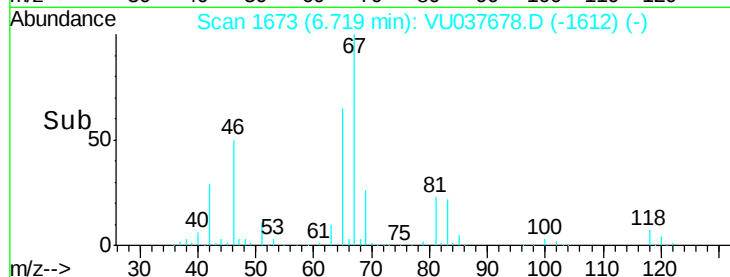
15000

10000

5000

0

Time-->



#48

2-Hexanone

Concen: 8.667 ug/L

RT: 8.65 min Scan# 2275

Delta R.T. -0.05 min

Lab File: VU037678.D

Acq: 10 Apr 2020 17:12

Tgt Ion: 43 Resp: 74654

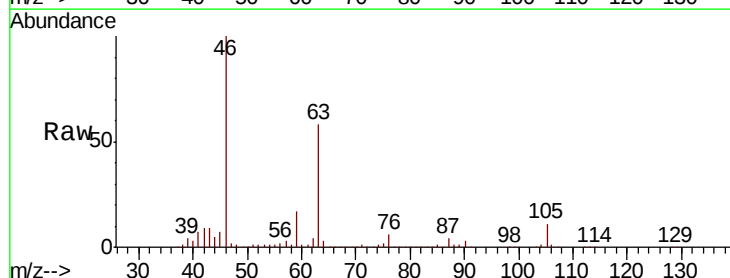
Ion Ratio Lower Upper

43 100

58 20.7 44.0 66.0#

57 40.4 15.2 22.8#

100 0.0 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): VU037678.D (-2198) (-)

Ion 58.00 (57.70 to 58.70): VU037678.D (-2198) (-)

Ion 57.00 (56.70 to 57.70): VU037678.D (-2198) (-)

Ion 100.00 (99.70 to 100.70): VU037678.D (-2198) (-)

8.65

60000

50000

40000

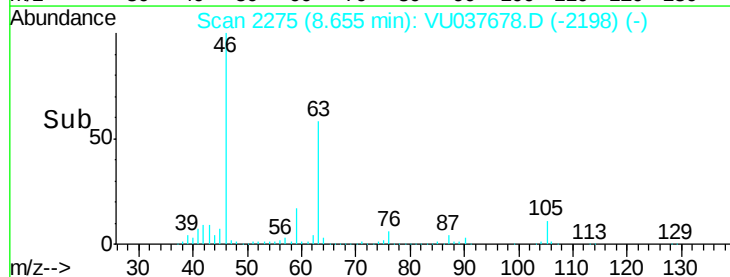
30000

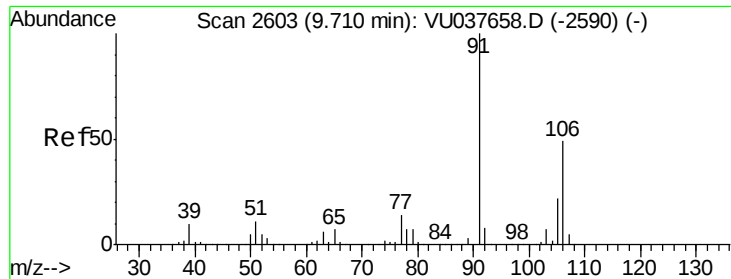
20000

10000

0

Time-->

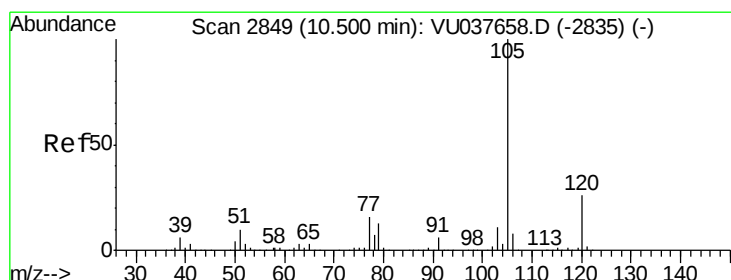
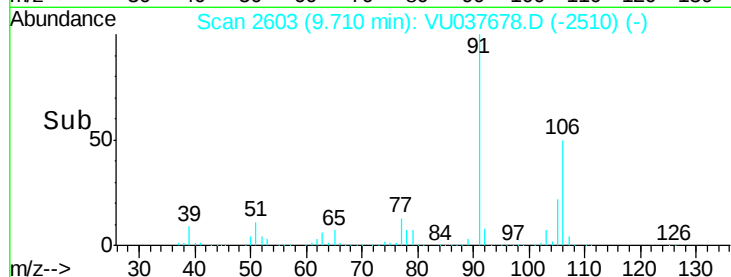
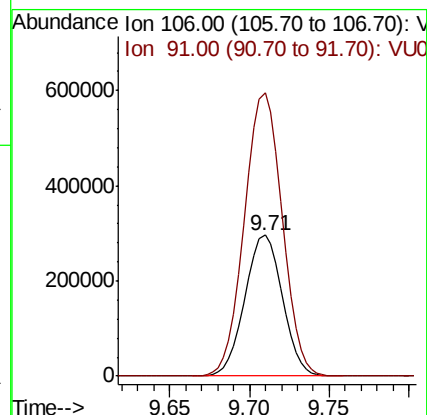
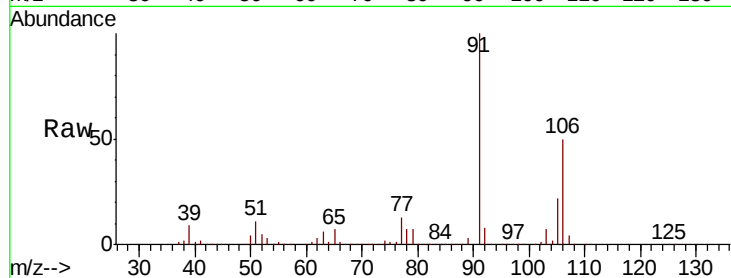




#53
m,p-Xylene
Concen: 46.916 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. 0.00 min
Lab File: VU037678.D
Acq: 10 Apr 2020 17:12

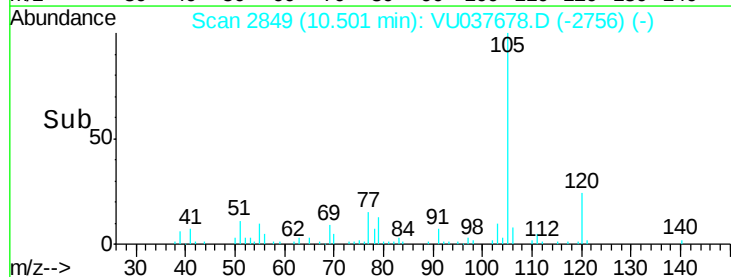
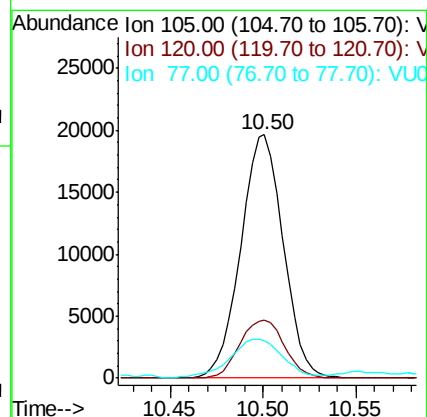
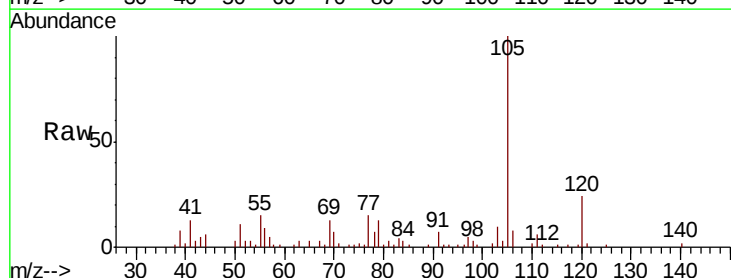
Instrument :
MSVOA_U
ClientSampleId :

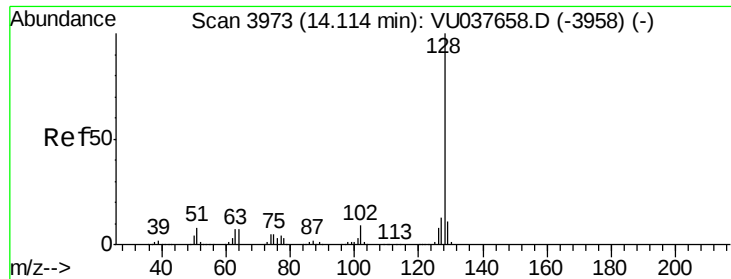
Tot Ion:106 Resp: 474273
Ion Ratio Lower Upper
106 100
91 200.5 140.8 261.6



#56
Isopropylbenzene
Concen: 1.197 ug/L
RT: 10.50 min Scan# 2849
Delta R.T. 0.00 min
Lab File: VU037678.D
Acq: 10 Apr 2020 17:12

Tgt Ion:105 Resp: 31239
Ion Ratio Lower Upper
105 100
120 24.9 20.7 31.1
77 20.0 12.7 19.1#





#69

Naphthalene

Concen: 1.466 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. 0.00 min

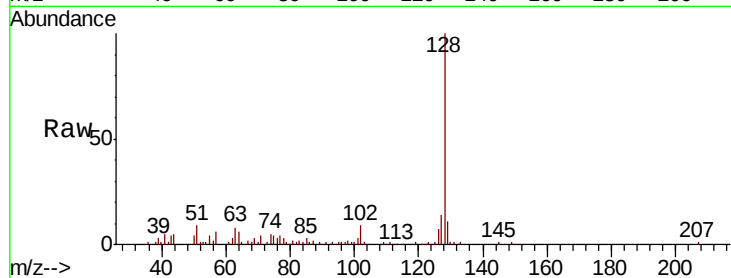
Lab File: VU037678.D

Acq: 10 Apr 2020 17:12

Instrument :

MSVOA_U

ClientSampleId :



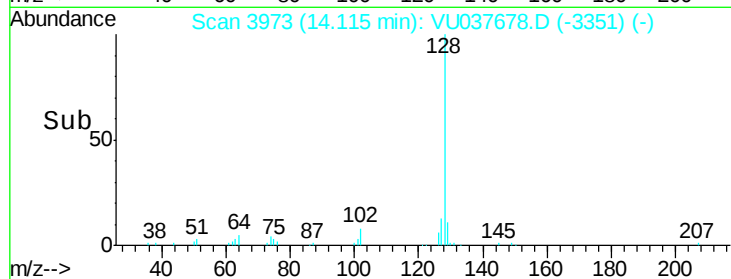
Tot Ion:128 Resp: 45962

Ion Ratio Lower Upper

128 100

127 14.0 10.5 15.7

129 11.6 8.6 13.0



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

