

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060820\
 Data File : VU038663.D
 Acq On : 08 Jun 2020 12:24
 Operator : SY/MD
 Sample : L2911-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D09

Quant Time: Jun 09 01:10:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 09 00:46:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	320964	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	316400	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	158266	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	117026	5.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.60%
7) Chloroethane-d5	1.93	69	90200	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.00%
11) 1,1-Dichloroethene-d2	2.59	63	172097	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.20%
20) 2-Butanone-d5	4.68	46	371550	58.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.76%
24) Chloroform-d	5.10	84	211103	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.74	65	122787	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
32) Benzene-d6	5.76	84	444054	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.40%
36) 1,2-Dichloropropane-d6	6.72	67	136236	5.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.20%
41) Toluene-d8	7.92	98	393120	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
43) trans-1,3-Dichloropropene-	8.20	79	55983	5.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.20%
46) 2-Hexanone-d5	8.65	63	309188	59.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.88%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	110065	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	154897	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

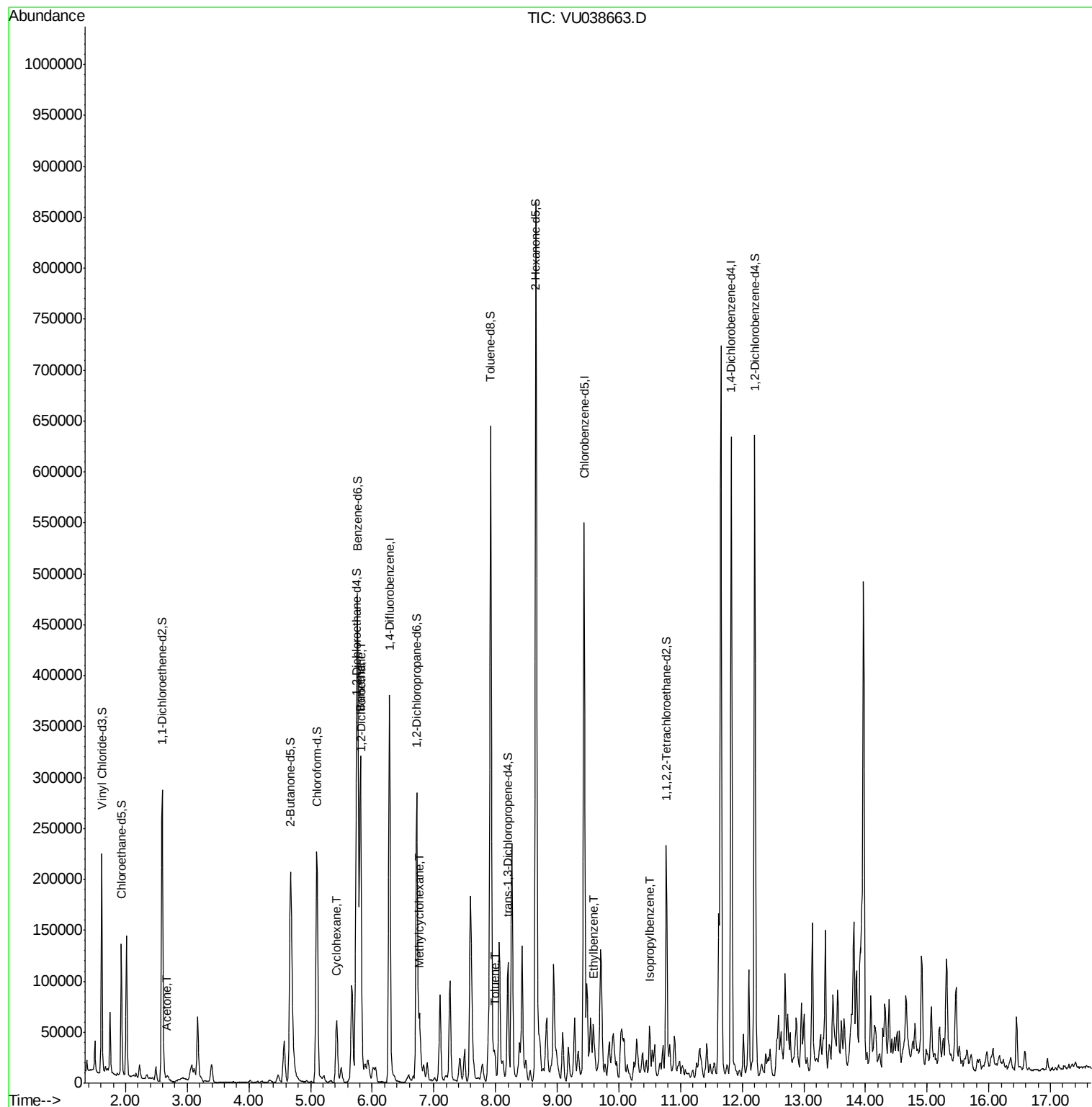
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	10382	2.514	ug/L	69
27) 1,2-Dichloroethane	5.83	62	19596	0.719	ug/L	96
30) Cyclohexane	5.42	56	29522	0.841	ug/L	98
33) Benzene	5.81	78	300149	3.402	ug/L	100
35) Methylcyclohexane	6.77	83	18513	0.522	ug/L #	54
42) Toluene	7.99	91	10009	0.108	ug/L	95
52) Ethylbenzene	9.59	91	27773	0.270	ug/L	99
56) Isopropylbenzene	10.50	105	32066	0.321	ug/L	97

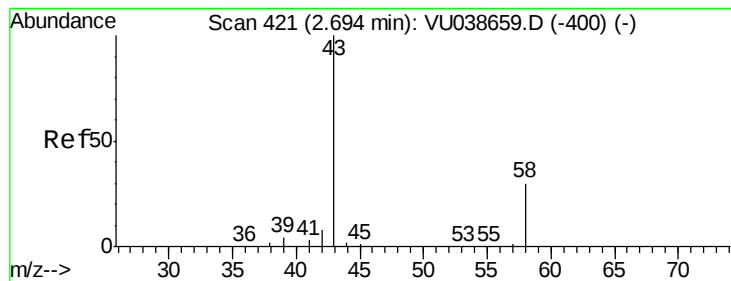
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.514 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.02 min

Lab File: VU038663.D

Acq: 08 Jun 2020 12:24

Instrument :

MSVOA_U

ClientSampleId :

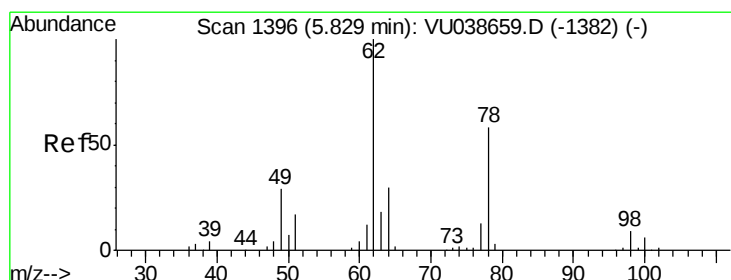
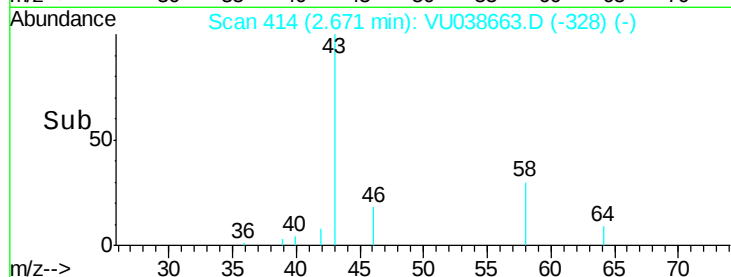
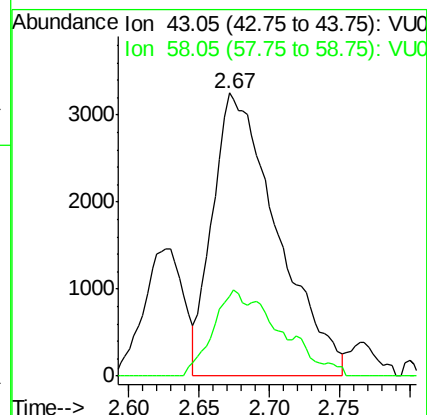
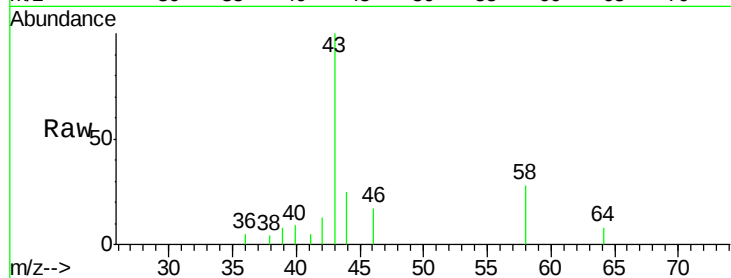
F9D09

Tot Ion: 43 Resp: 10382

Ion Ratio Lower Upper

43 100

58 15.3 0.0 65.6



#27

1,2-Dichloroethane

Concen: 0.719 ug/L

RT: 5.83 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VU038663.D

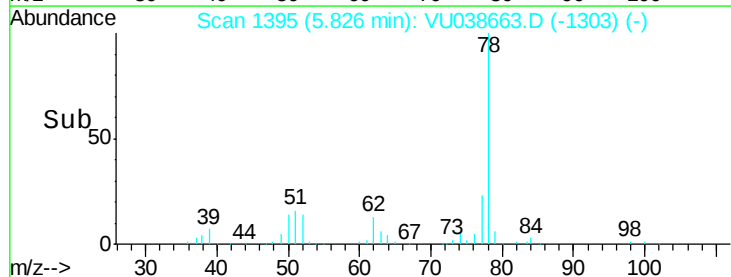
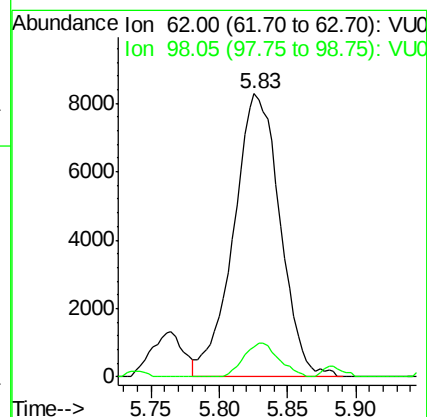
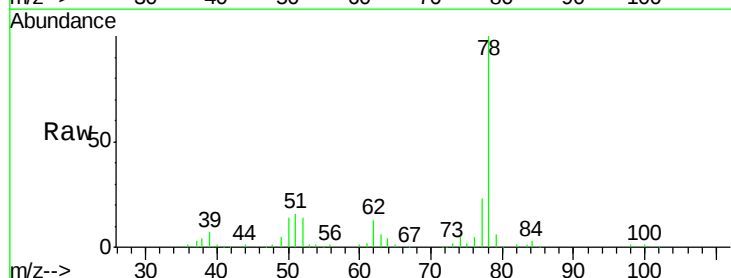
Acq: 08 Jun 2020 12:24

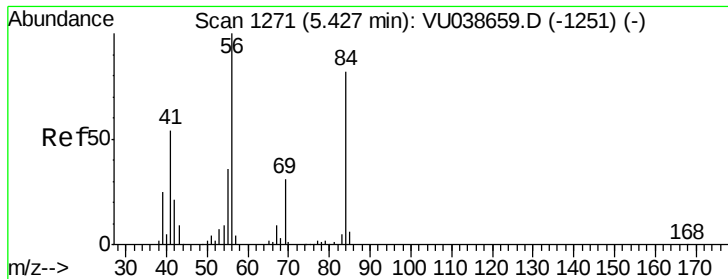
Tgt Ion: 62 Resp: 19596

Ion Ratio Lower Upper

62 100

98 10.7 7.4 11.2

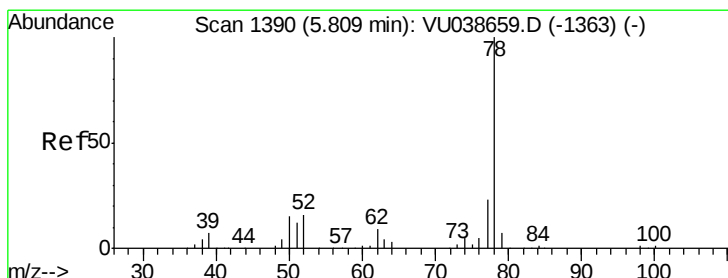
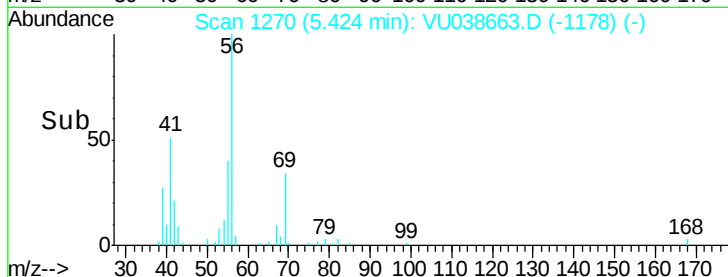
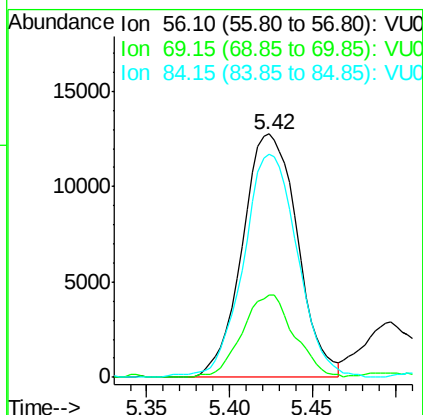
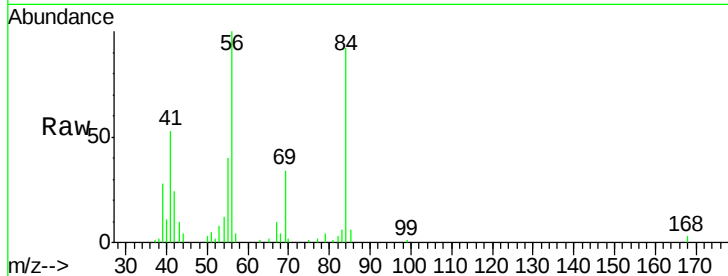




#30
Cyclohexane
Concen: 0.841 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038663.D
Acq: 08 Jun 2020 12:24

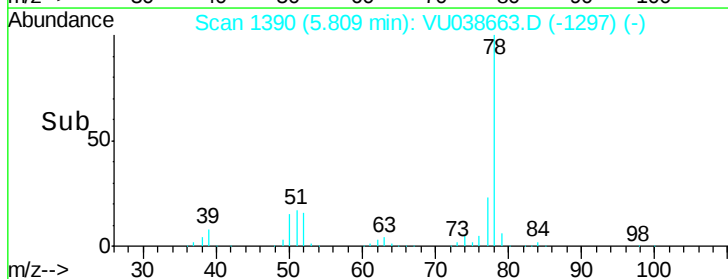
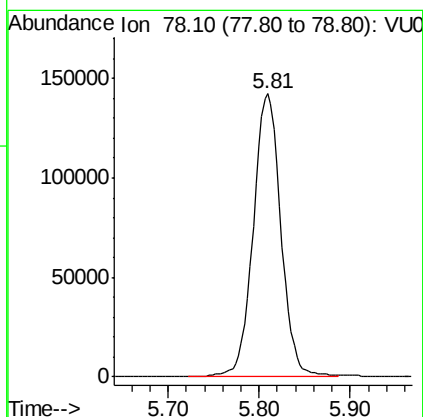
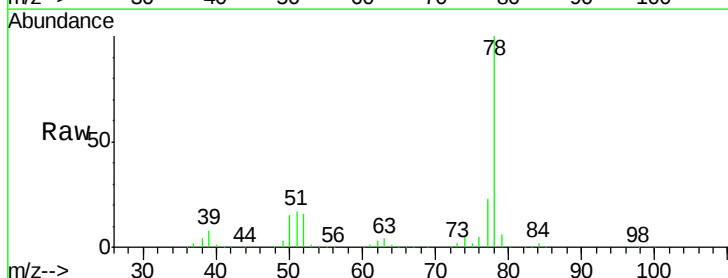
Instrument :
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F9D09

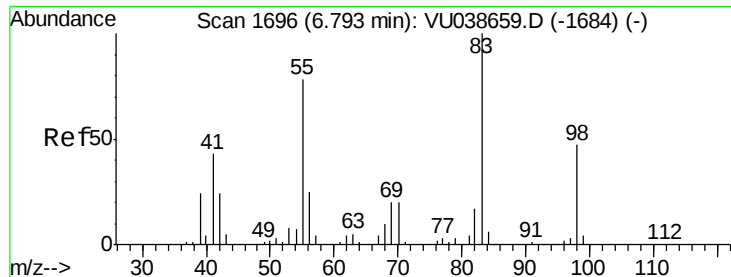
Tot Ion: 56 Resp: 29522
Ion Ratio Lower Upper
56 100
69 32.0 24.2 36.4
84 90.3 70.8 106.2



#33
Benzene
Concen: 3.402 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU038663.D
Acq: 08 Jun 2020 12:24

Tgt Ion: 78 Resp: 300149

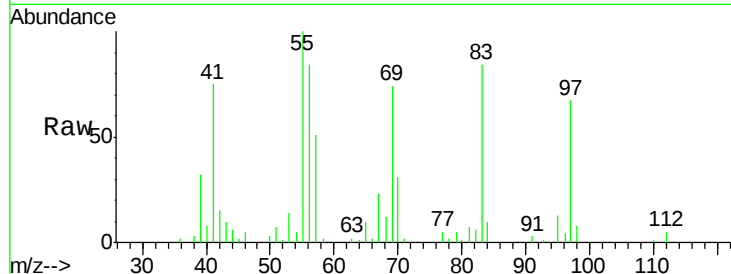




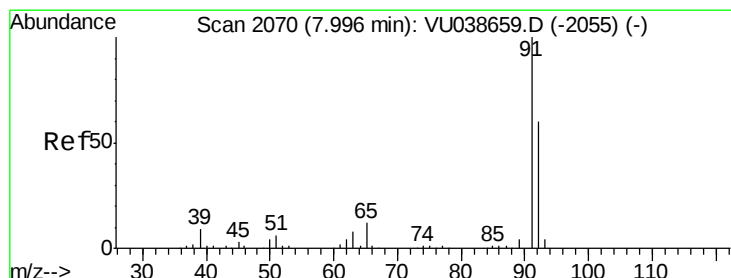
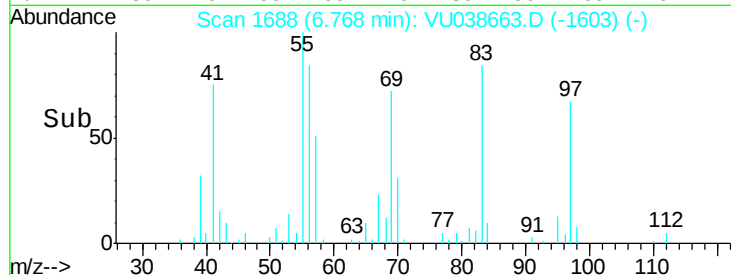
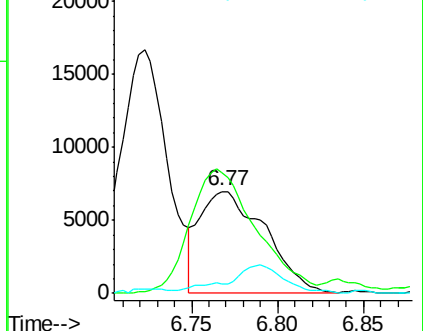
#35
Methvlcvclohexane
Concen: 0.522 ug/L
RT: 6.77 min Scan# 1688
Delta R.T. -0.03 min
Lab File: VU038663.D
Acq: 08 Jun 2020 12:24

Instrument :
MSVOA_U
ClientSampleId :
F9D09

Tot Ion: 83 Resp: 18513
Ion Ratio Lower Upper
83 100
55 124.3 63.4 95.2#
98 23.7 39.0 58.4#

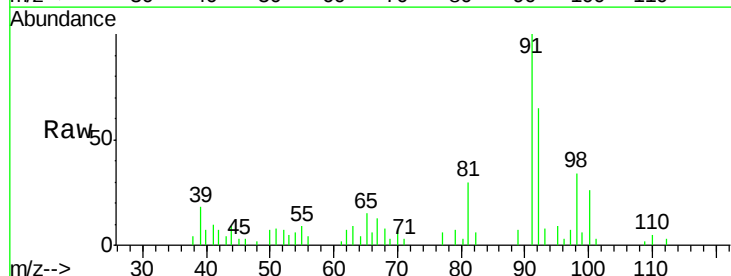


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

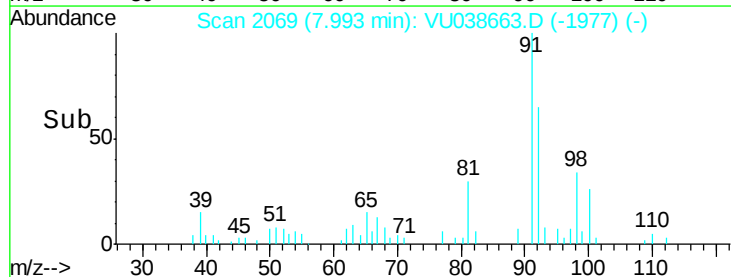
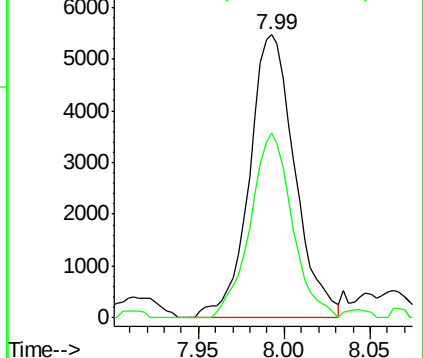


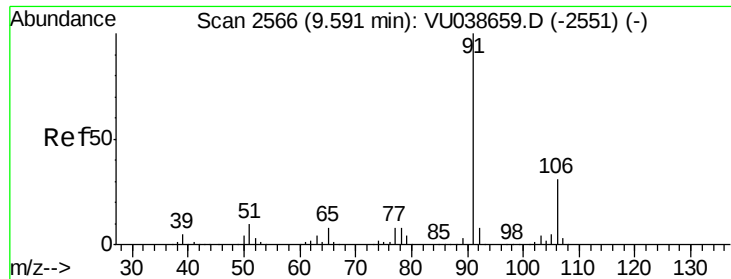
#42
Toluene
Concen: 0.108 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU038663.D
Acq: 08 Jun 2020 12:24

Tgt Ion: 91 Resp: 10009
Ion Ratio Lower Upper
91 100
92 65.2 43.0 79.8



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





#52

Ethylbenzene

Concen: 0.270 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038663.D

Acq: 08 Jun 2020 12:24

Instrument :

MSVOA_U

ClientSampleId :

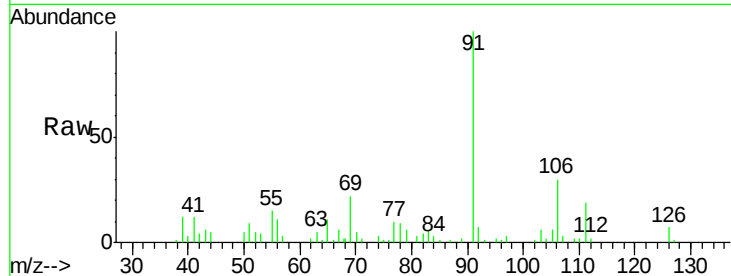
F9D09

Tot Ion: 91 Resp: 27773

Ion Ratio Lower Upper

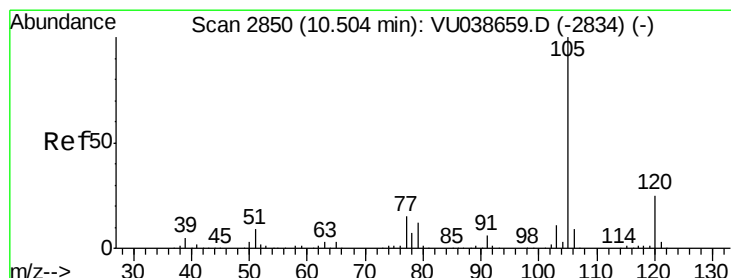
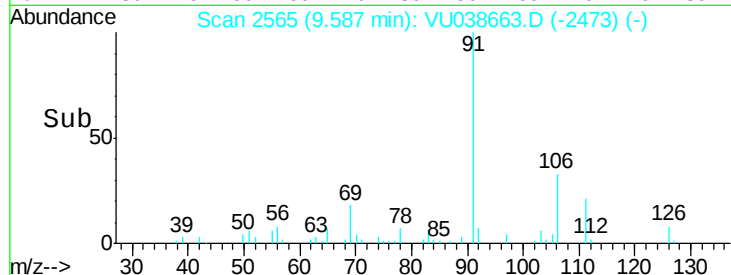
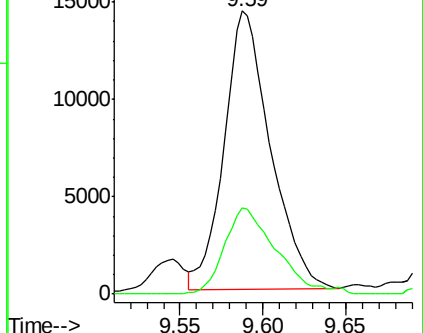
91 100

106 30.5 21.7 40.3



Abundance Ion 91.15 (90.85 to 91.85): VU038659.D (-2551) (-)

Ion 106.15 (105.85 to 106.85): VU038659.D (-2551) (-)



#56

Isopropylbenzene

Concen: 0.321 ug/L

RT: 10.50 min Scan# 2848

Delta R.T. -0.01 min

Lab File: VU038663.D

Acq: 08 Jun 2020 12:24

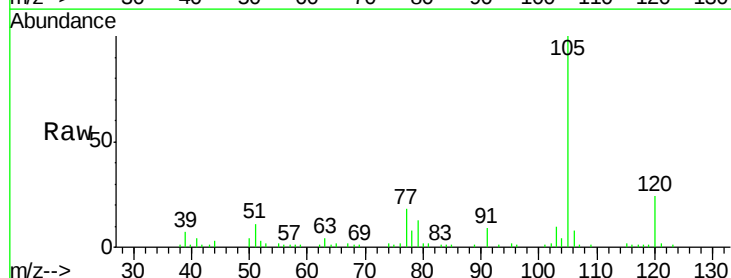
Tgt Ion: 105 Resp: 32066

Ion Ratio Lower Upper

105 100

120 25.0 20.7 31.1

77 17.4 12.5 18.7



Abundance Ion 105.05 (104.75 to 105.75): VU038659.D (-2834) (-)

Ion 120.10 (119.80 to 120.80): VU038659.D (-2834) (-)

Ion 77.10 (76.80 to 77.80): VU038659.D (-2834) (-)

