

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038709.D
 Acq On : 09 Jun 2020 08:32
 Operator : SY/MD
 Sample : L2913-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D85

Manual Integrations
 APPROVED

MMDadoda
 6/10/2020 11:24:22 AM

Quant Time: Jun 10 01:36:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 00:33:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	763038	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	729336	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	378317	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	247814	58.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	116.26%
7) Chloroethane-d5	1.93	69	211633	63.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	127.98%
11) 1,1-Dichloroethene-d2	2.59	63	356052	38.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.64%
21) 2-Butanone-d5	4.67	46	447773	107.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.96%
24) Chloroform-d	5.10	84	445462	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.92%
26) 1,2-Dichloroethane-d4	5.76	65	286475m	47.02	ug/L	0.02
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.04%
32) Benzene-d6	5.78	84	934333	53.18	ug/L	0.02
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.36%
36) 1,2-Dichloropropane-d6	6.72	67	303032	55.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.94%
41) Toluene-d8	7.92	98	870316	54.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.64%
43) trans-1,3-Dichloropropene-	8.20	79	144782	53.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.22%
47) 2-Hexanone-d5	8.65	63	330935	114.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.83%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	441440	54.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.32%
64) 1,2-Dichlorobenzene-d4	12.20	152	351445	53.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.02%

Target Compounds

					Ovalue
13) Acetone	2.66	43	15361	4.596 ug/L	91
29) Cyclohexane	5.43	56	1914306	229.417 ug/L	100
33) Benzene	5.79	78	49976883m	2307.545 ug/L	
35) Methylcyclohexane	6.79	83	147318	17.734 ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	93942	10.647 ug/L	95
42) Toluene	7.99	91	17804003m	786.197 ug/L	
52) Ethylbenzene	9.58	91	20884346m	835.615 ug/L	
53) m,p-Xylene	9.71	106	2431487	253.441 ug/L	98
54) o-xylene	10.12	106	4601709	494.085 ug/L	100
56) Isopropylbenzene	10.50	105	621036	25.549 ug/L	99

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

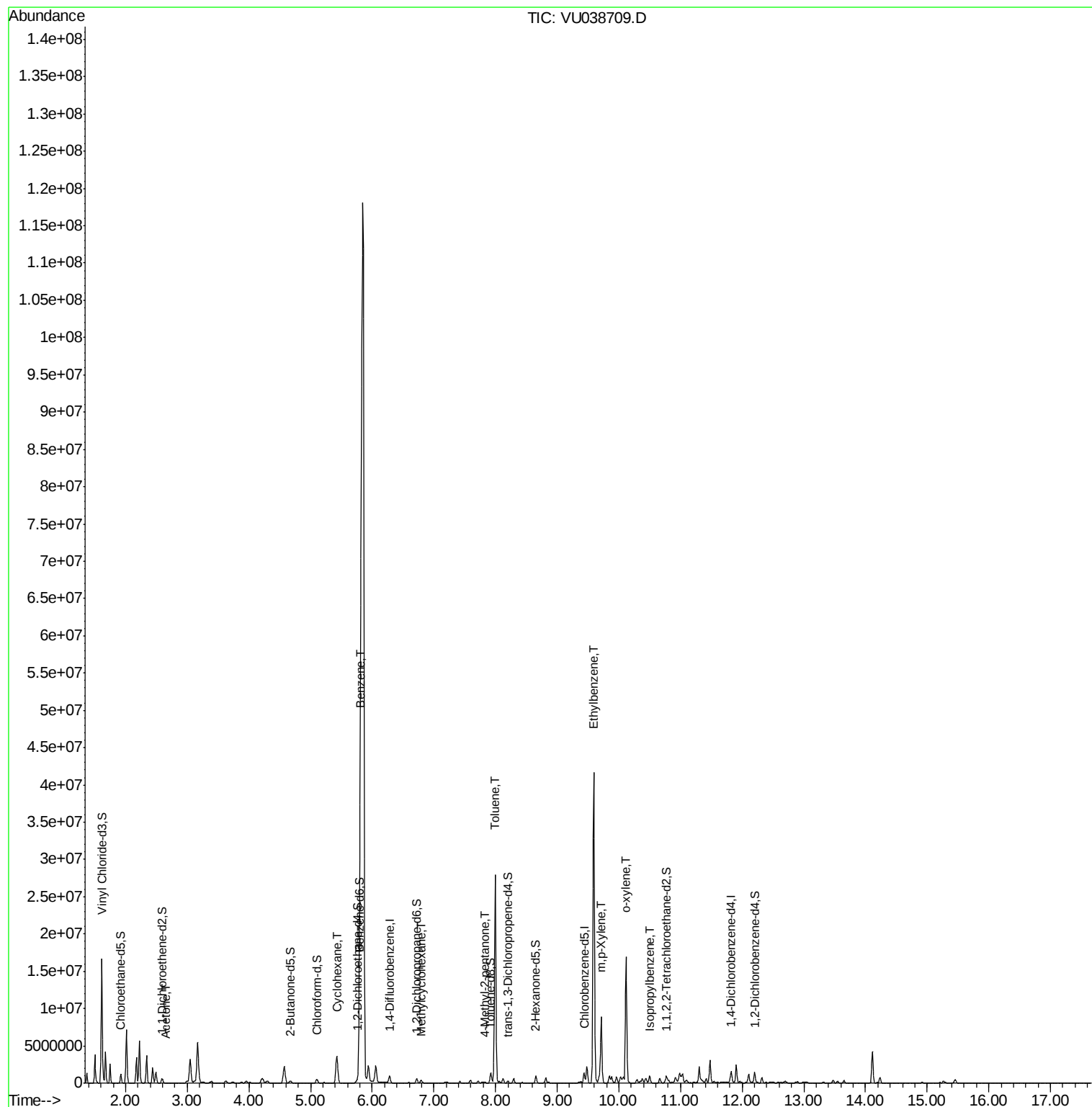
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
Data File : VU038709.D
Acq On : 09 Jun 2020 08:32
Operator : SY/MD
Sample : L2913-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

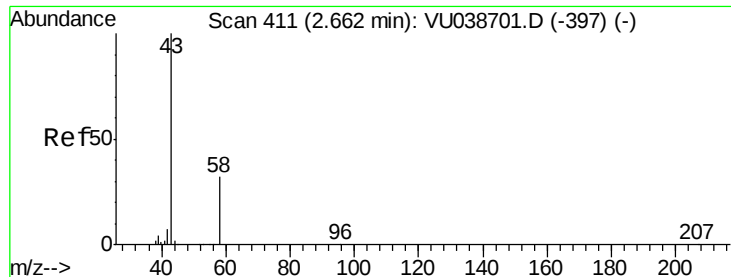
Instrument :
MSVOA_U
ClientSampleId :
F9D85

Manual Integrations
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6/10/2020 11:24:22 AM

Quant Time: Jun 10 01:36:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 10 00:33:15 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.596 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU038709.D

Acq: 09 Jun 2020 08:32

Instrument :

MSVOA_U

ClientSampled :

F9D85

Tot Ion: 43 Resp: 15361

Ion Ratio Lower Upper

43 100

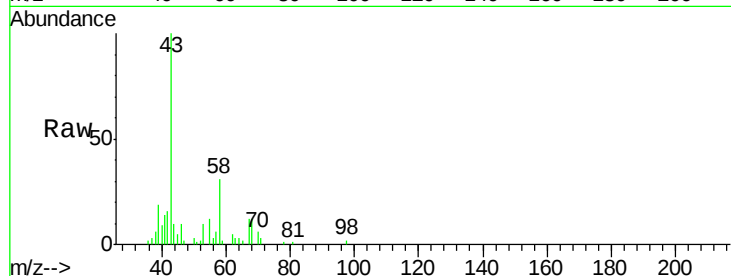
58 38.7 0.0 67.6

Manual Integrations

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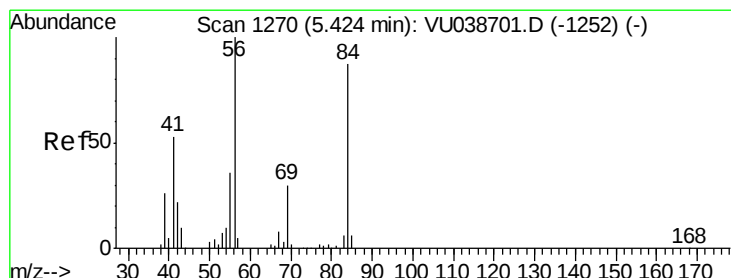
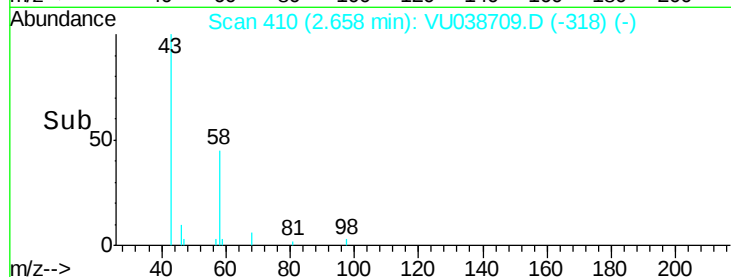
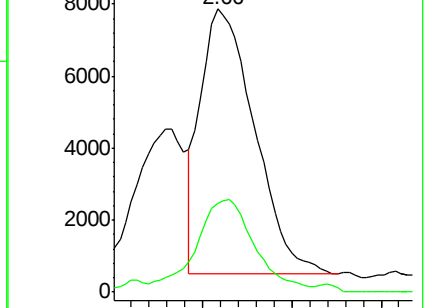
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Abundance Ion 43.00 (42.70 to 43.70): VU038709.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VU038709.D (-318) (-)



#29

Cyclohexane

Concen: 229.417 ug/L

RT: 5.43 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU038709.D

Acq: 09 Jun 2020 08:32

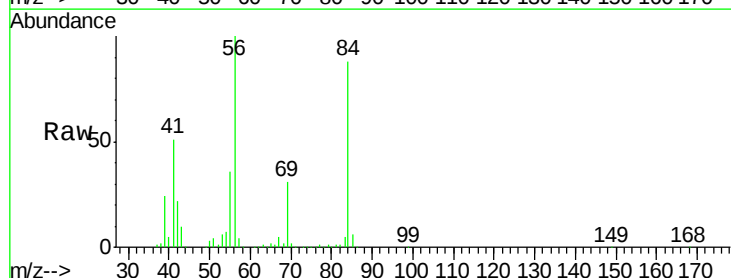
Tgt Ion: 56 Resp: 1914306

Ion Ratio Lower Upper

56 100

69 31.4 25.1 37.7

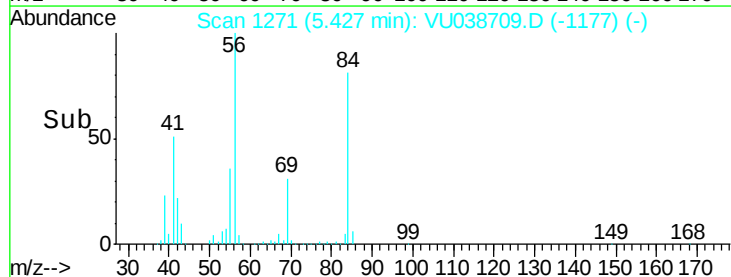
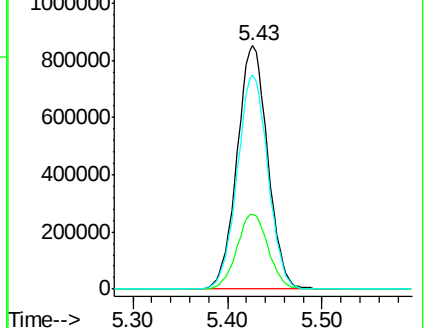
84 88.0 70.5 105.7

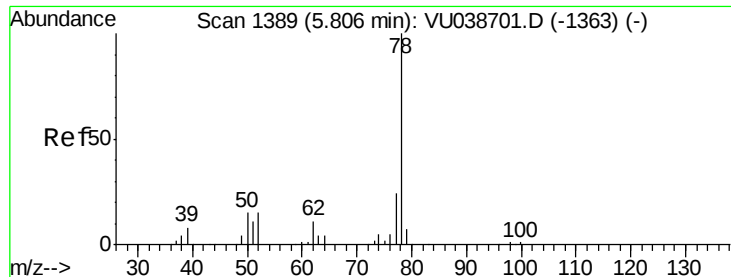


Abundance Ion 56.00 (55.70 to 56.70): VU038709.D (-1177) (-)

Ion 69.00 (68.70 to 69.70): VU038709.D (-1177) (-)

Ion 84.00 (83.70 to 84.70): VU038709.D (-1177) (-)





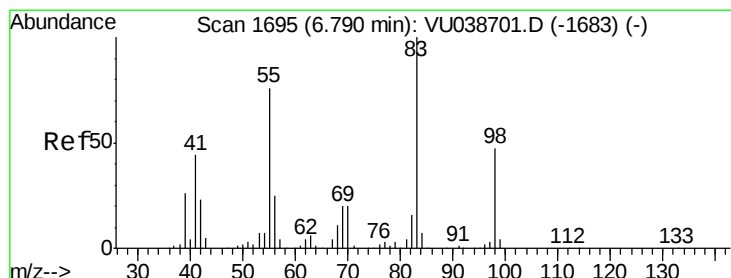
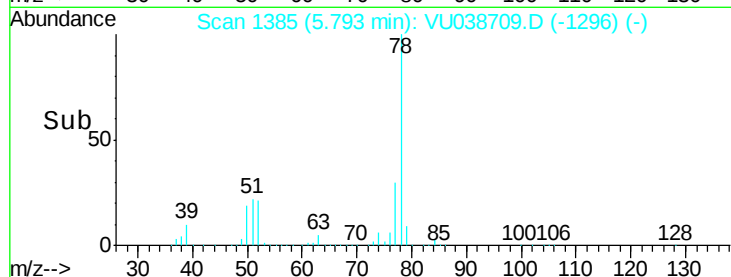
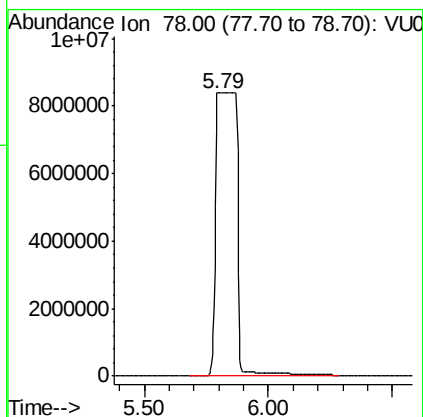
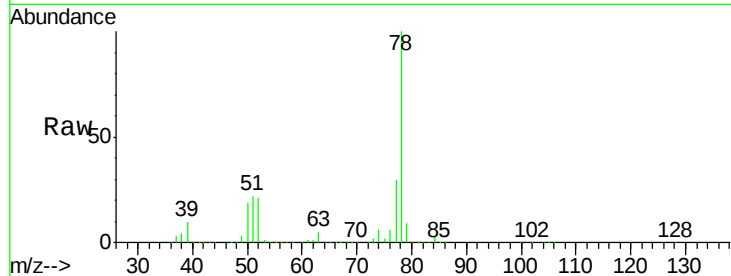
#33
Benzene
Concen: 2307.545 ug/L m
RT: 5.79 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VU038709.D
Acq: 09 Jun 2020 08:32

Instrument :
MSVOA_U
ClientSampleId :
F9D85

Tgt Ion: 78 Resp:49976883

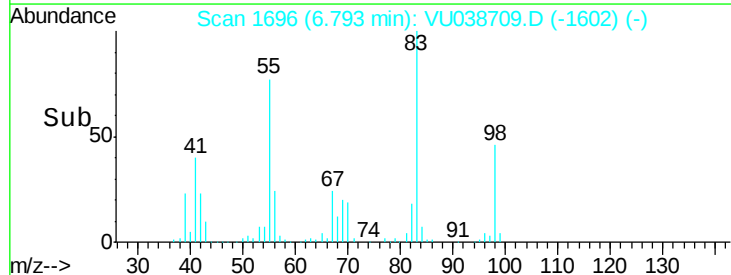
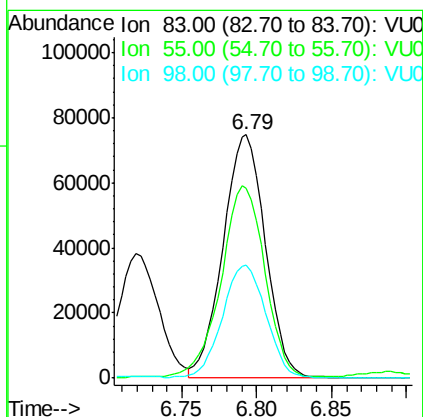
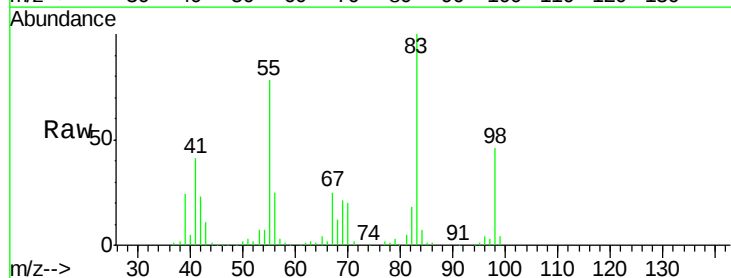
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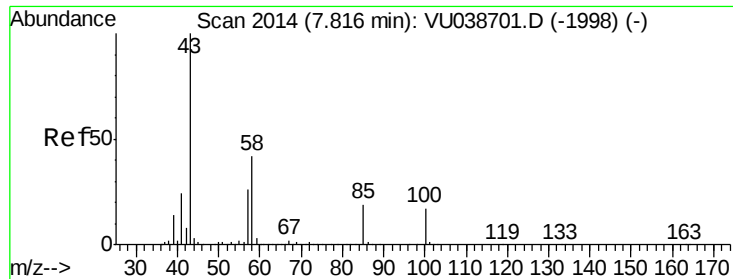
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#35
Methylcyclohexane
Concen: 17.734 ug/L
RT: 6.79 min Scan# 1696
Delta R.T. 0.00 min
Lab File: VU038709.D
Acq: 09 Jun 2020 08:32

Tgt Ion: 83 Resp: 147318
Ion Ratio Lower Upper
83 100
55 81.8 63.2 94.8
98 47.6 38.4 57.6





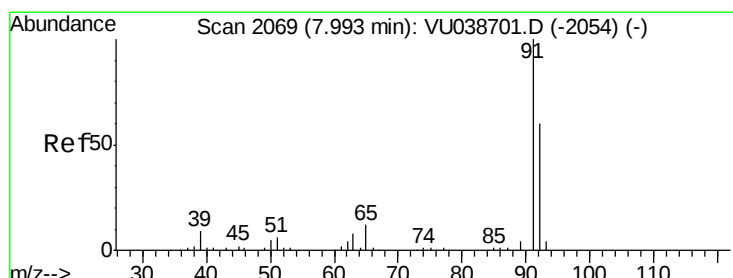
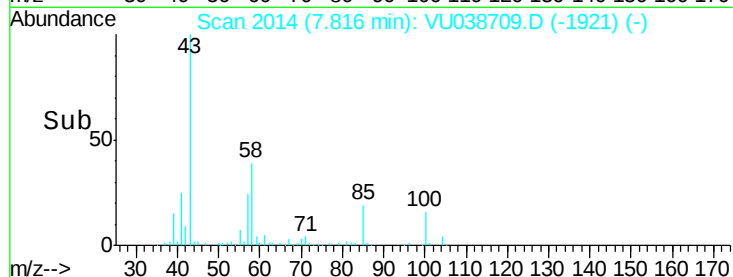
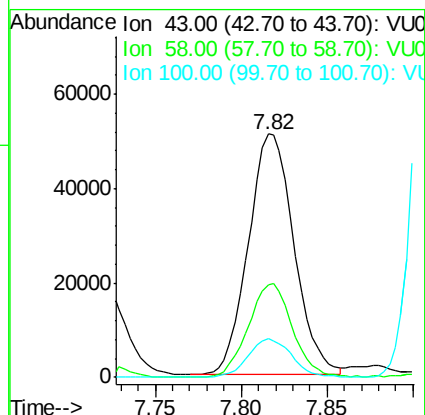
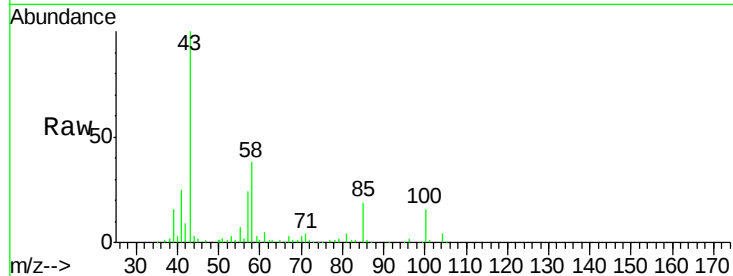
#40
4-Methyl-2-pentanone
Concen: 10.647 ug/L
RT: 7.82 min Scan# 2014
Delta R.T. -0.00 min
Lab File: VU038709.D
Acq: 09 Jun 2020 08:32

Instrument :
MSVOA_U
ClientSampleId :
F9D85

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.5	33.0	49.4
100	15.3	13.4	20.0

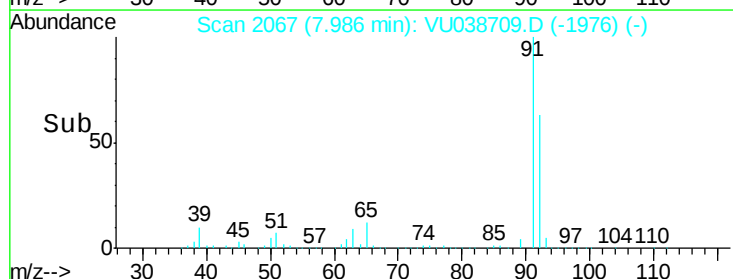
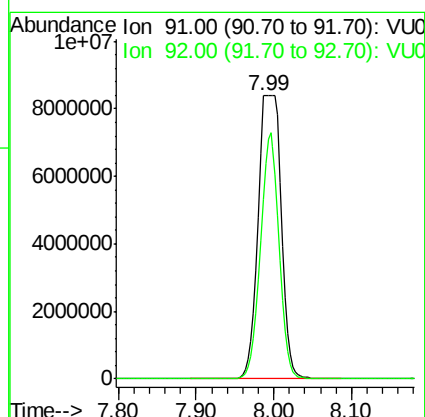
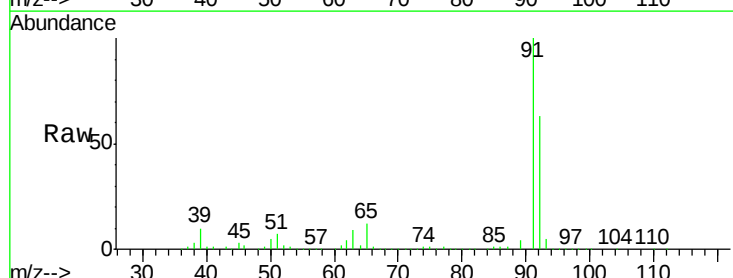
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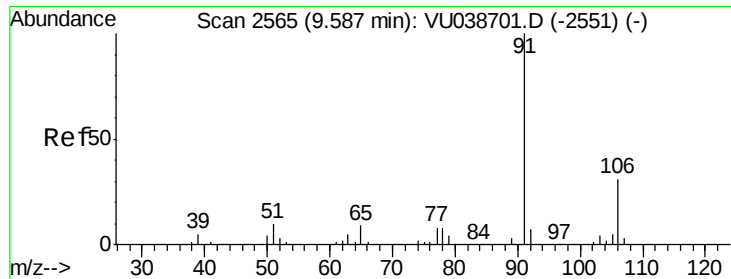
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#42
Toluene
Concen: 786.197 ug/L m
RT: 7.99 min Scan# 2067
Delta R.T. -0.01 min
Lab File: VU038709.D
Acq: 09 Jun 2020 08:32

Tgt Ion	Ratio	Lower	Upper
91	100		
92	63.3	42.2	78.4





#52

Ethylbenzene

Concen: 835.615 ug/L m

RT: 9.58 min Scan# 2563

Delta R.T. -0.01 min

Lab File: VU038709.D

Acq: 09 Jun 2020 08:32

Instrument :

MSVOA_U

ClientSampleId :

F9D85

Tot Ion: 91 Resp: 20884346

Ion Ratio Lower Upper

91 100

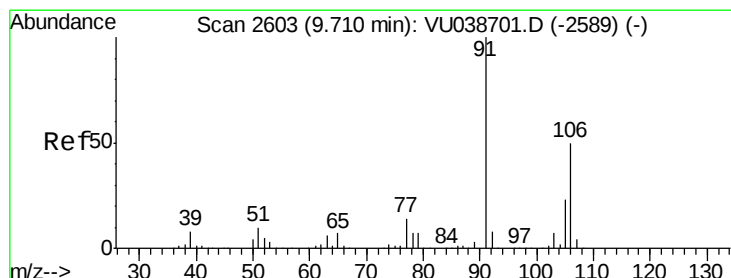
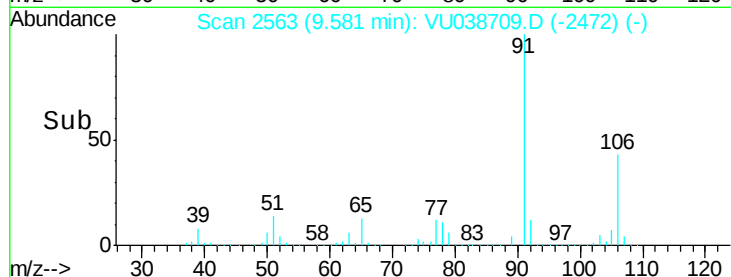
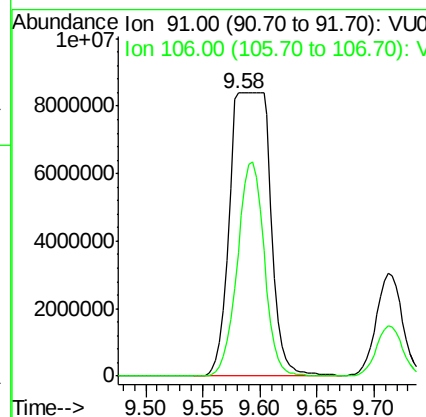
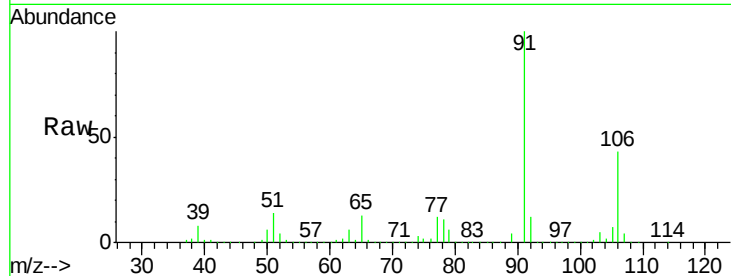
106 43.4 21.5 39.9#

Manual Integrations

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#53

m,p-Xylene

Concen: 253.441 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VU038709.D

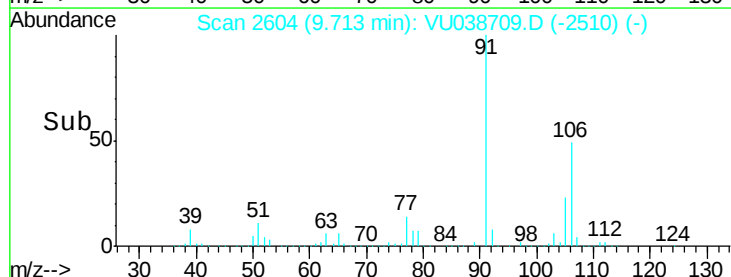
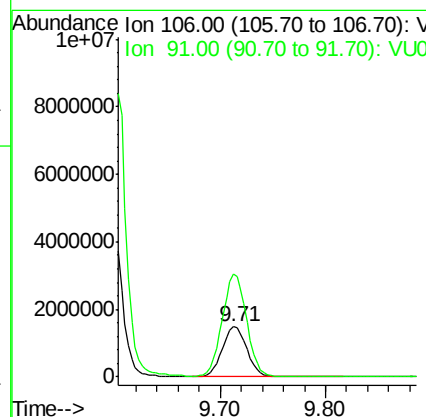
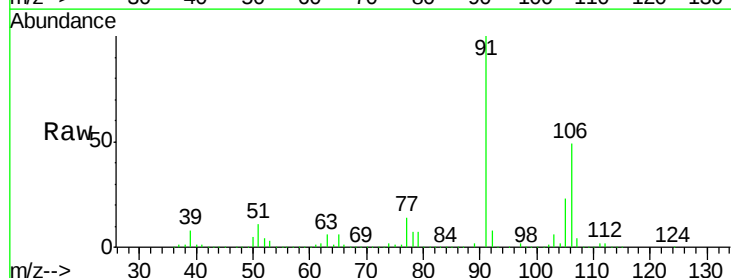
Acq: 09 Jun 2020 08:32

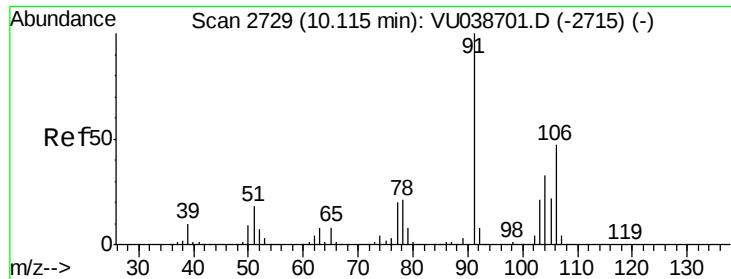
Tgt Ion: 106 Resp: 2431487

Ion Ratio Lower Upper

106 100

91 203.1 140.1 260.3





#54

o-xylene

Concen: 494.085 ug/L

RT: 10.12 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VU038709.D

Acq: 09 Jun 2020 08:32

Instrument :

MSVOA_U

ClientSampled :

F9D85

Tot Ion:106 Resp: 4601709

Ion Ratio Lower Upper

106 100

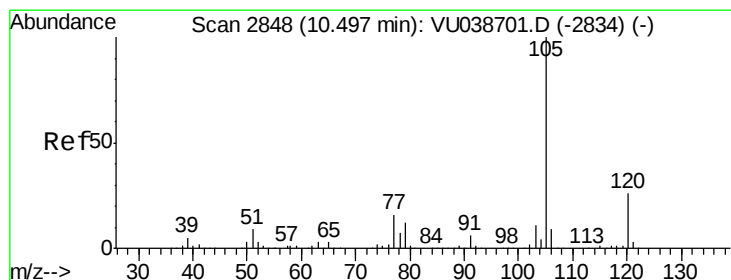
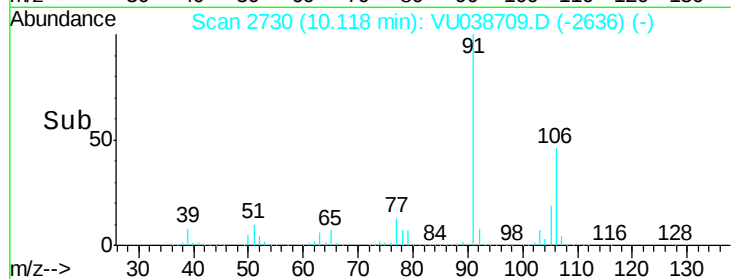
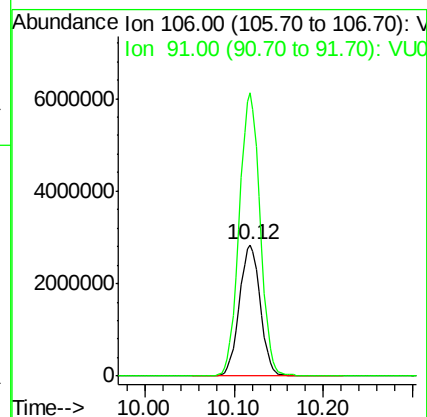
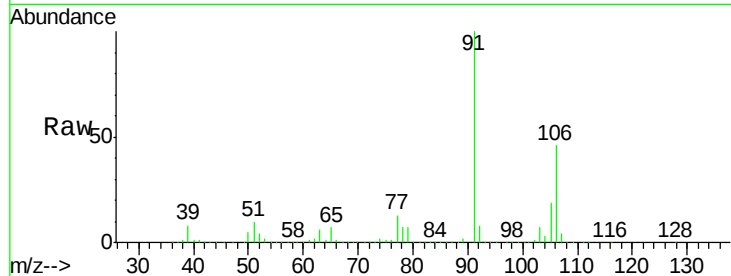
91 215.4 151.2 280.8

Manual Integrations

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#56

Isopropylbenzene

Concen: 25.549 ug/L

RT: 10.50 min Scan# 2848

Delta R.T. -0.00 min

Lab File: VU038709.D

Acq: 09 Jun 2020 08:32

Tgt Ion:105 Resp: 621036

Ion Ratio Lower Upper

105 100

120 25.7 20.9 31.3

77 14.9 12.6 19.0

