

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
 Data File : VU039391.D
 Acq On : 09 Jul 2020 12:47
 Operator : SY/MD
 Sample : L3244-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4B15

Manual Integrations
 APPROVED

MMDadoda
 7/13/2020 10:49:56 AM

Quant Time: Jul 10 00:43:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 10 00:19:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	100424	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	94564	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	101003	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	28547	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.93	69	30088	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.58	63	45779	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	4.66	46	149481	56.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.26%
24) Chloroform-d	5.09	84	69034	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
26) 1,2-Dichloroethane-d4	5.72	65	42930	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.75	84	130435	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.60%
36) 1,2-Dichloropropane-d6	6.71	67	46226	5.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.60%
41) Toluene-d8	7.91	98	117646	5.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.20%
43) trans-1,3-Dichloropropene-	8.19	79	19561	5.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.80%
46) 2-Hexanone-d5	8.64	63	117473	56.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.14%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	55971	7.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	141.20%#
64) 1,2-Dichlorobenzene-d4	12.19	152	98742	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	6552	4.558	ug/L	89
22) cis-1,2-Dichloroethene	4.69	96	16676	2.249	ug/L	100
30) Cyclohexane	5.41	56	257848	21.989	ug/L #	94
33) Benzene	5.79	78	5918	0.209	ug/L	100
35) Methylcyclohexane	6.78	83	185496	15.841	ug/L #	84
42) Toluene	7.98	91	212588	7.022	ug/L	100
47) Tetrachloroethene	8.56	164	3921	0.771	ug/L	97
52) Ethylbenzene	9.57	91	16917265m	505.620	ug/L	
53) m,p-Xylene	9.70	106	4145438	328.826	ug/L	98
54) o-Xylene	10.11	106	2446558	199.345	ug/L	100
56) Isopropylbenzene	10.49	105	2243333	67.587	ug/L	99

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

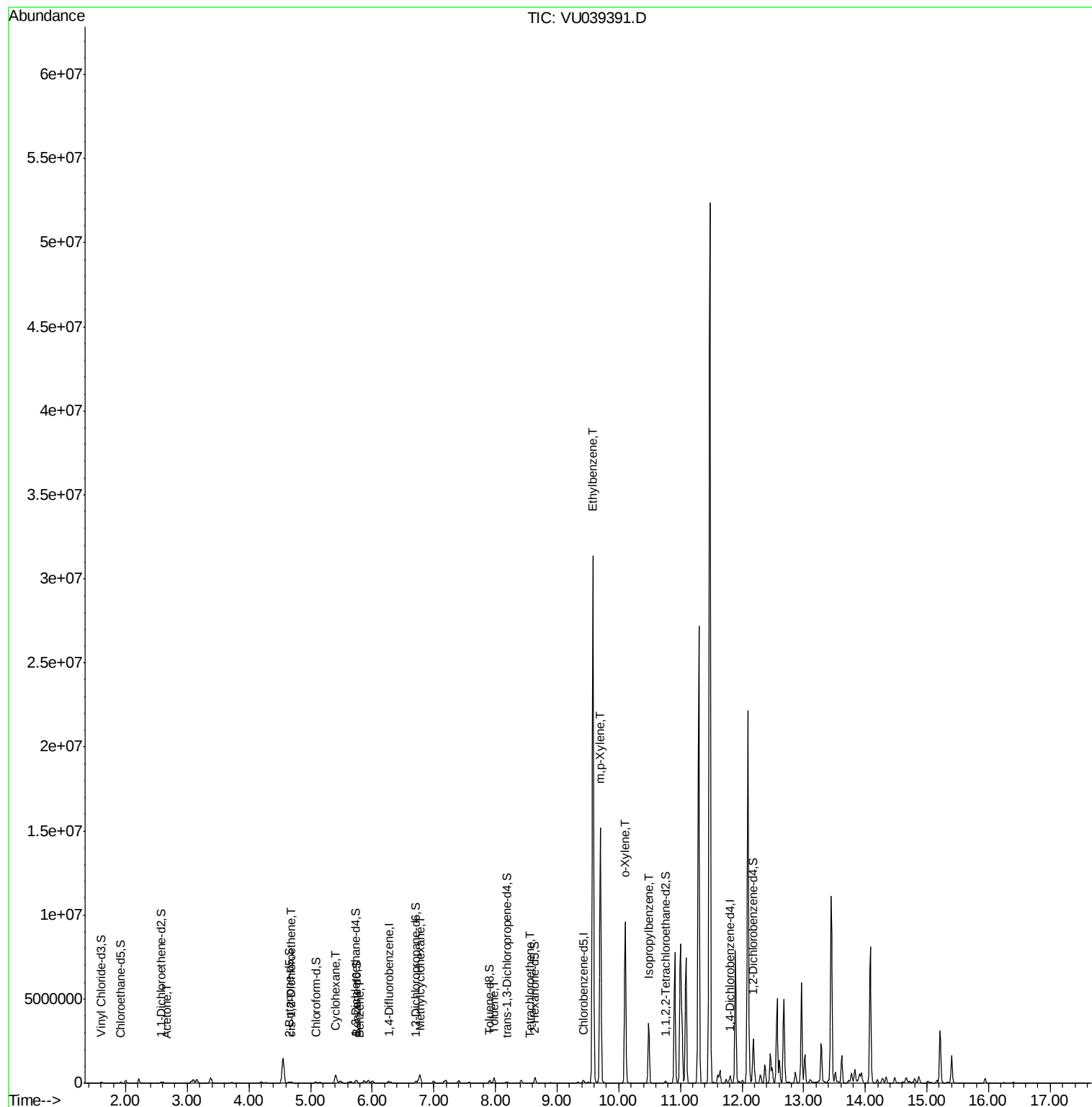
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039391.D
Acq On : 09 Jul 2020 12:47
Operator : SY/MD
Sample : L3244-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

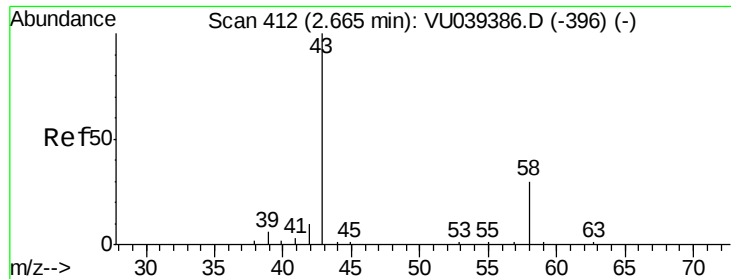
Instrument :
MSVOA_U
ClientSampleId :
F4B15

Manual Integrations
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Quant Time: Jul 10 00:43:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 10 00:19:08 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.558 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

Lab File: VU039391.D

Acq: 09 Jul 2020 12:47

Instrument :

MSVOA_U

ClientSampled :

F4B15

Tot Ion: 43 Resp: 6552

Ion Ratio Lower Upper

43 100

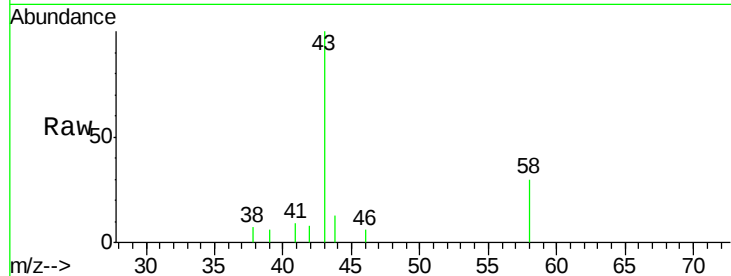
58 25.1 0.0 62.8

Manual Integrations

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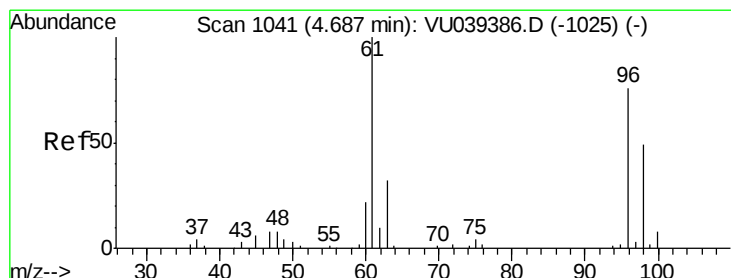
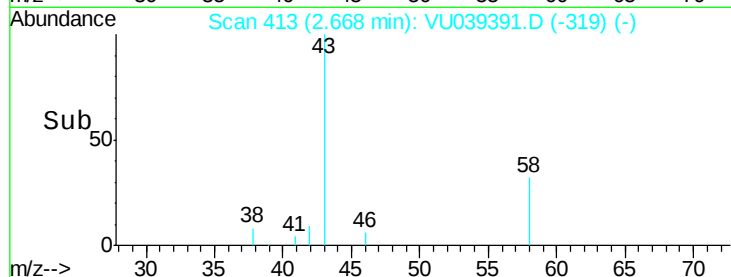
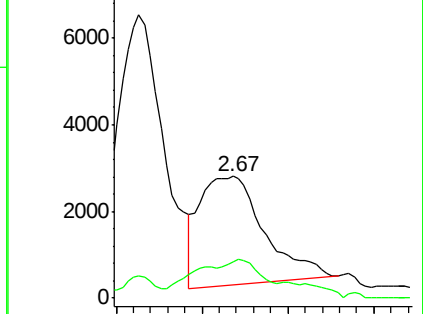
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Abundance Ion 43.05 (42.75 to 43.75): VU039391.D (-319) (-)

Ion 58.05 (57.75 to 58.75): VU039391.D (-319) (-)



#22

cis-1,2-Dichloroethene

Concen: 2.249 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VU039391.D

Acq: 09 Jul 2020 12:47

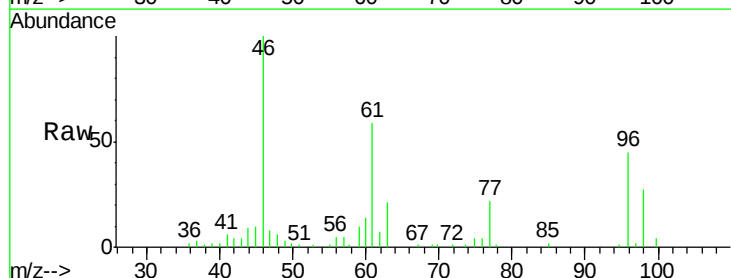
Tgt Ion: 96 Resp: 16676

Ion Ratio Lower Upper

96 100

61 132.8 92.8 172.4

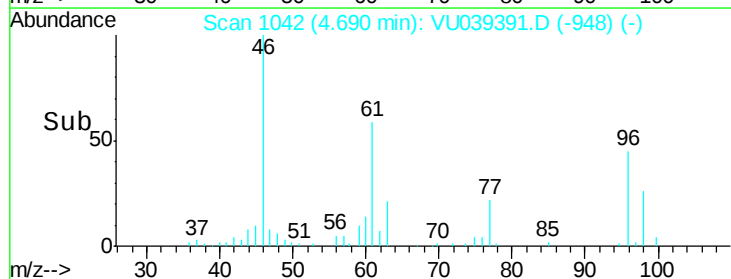
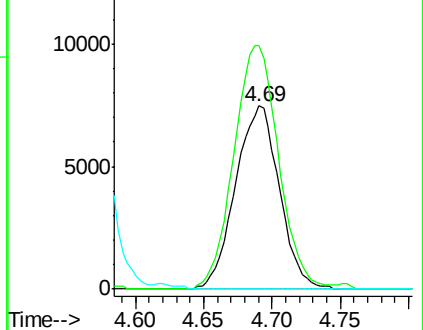
68 0.0 0.0 0.0

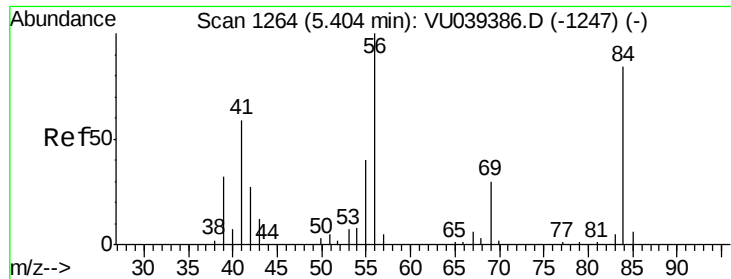


Abundance Ion 96.00 (95.70 to 96.70): VU039391.D (-948) (-)

Ion 61.05 (60.75 to 61.75): VU039391.D (-948) (-)

Ion 68.15 (67.85 to 68.85): VU039391.D (-948) (-)





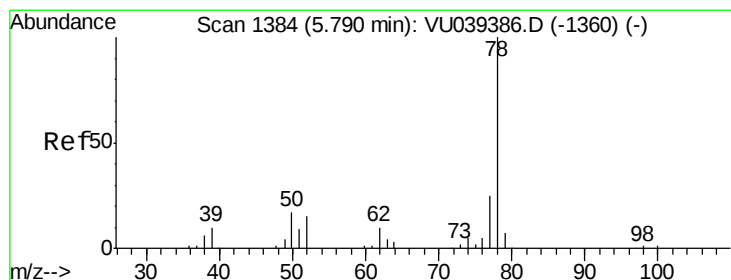
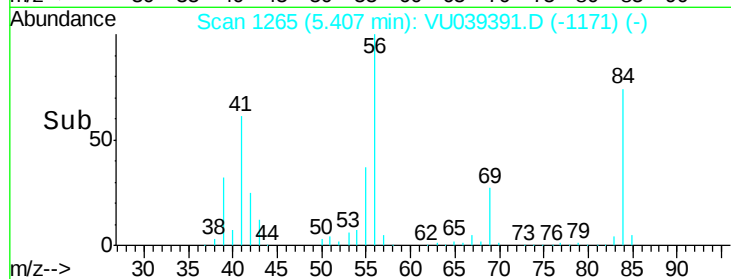
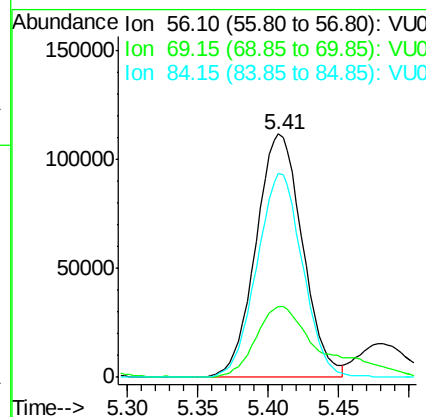
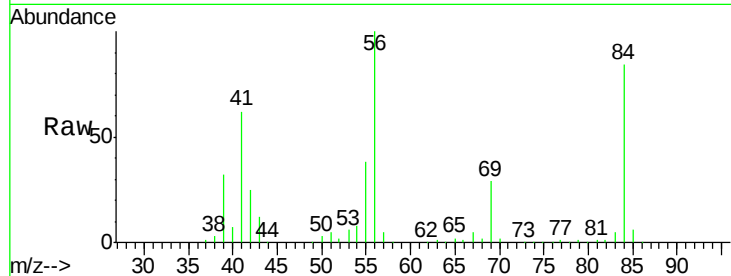
#30
Cyclohexane
Concen: 21.989 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Instrument :
MSVOA_U
ClientSampled :
F4B15

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	40.9	24.1	36.1	#
84	82.3	67.0	100.6	

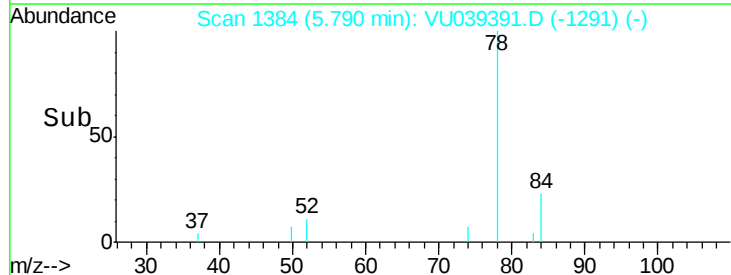
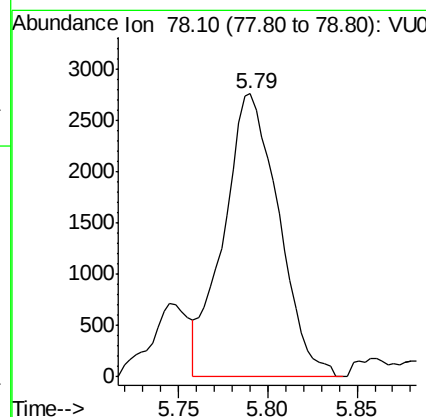
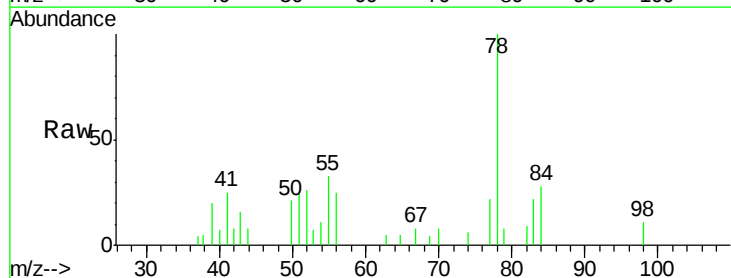
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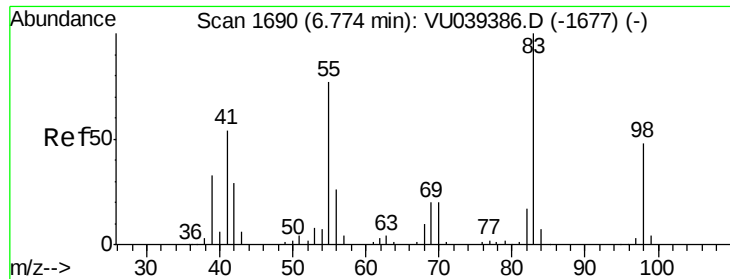
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#33
Benzene
Concen: 0.209 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Tgt Ion: 78 Resp: 5918





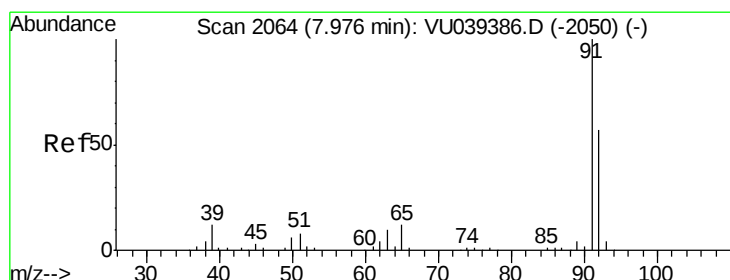
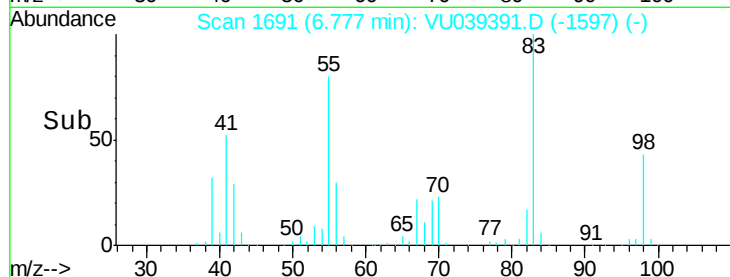
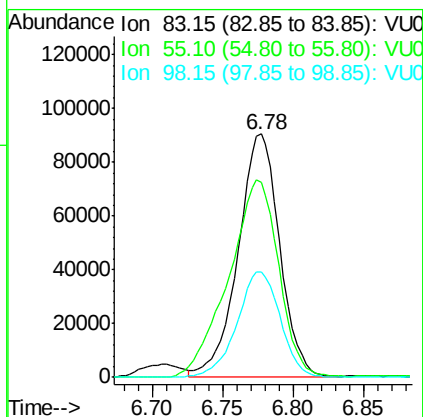
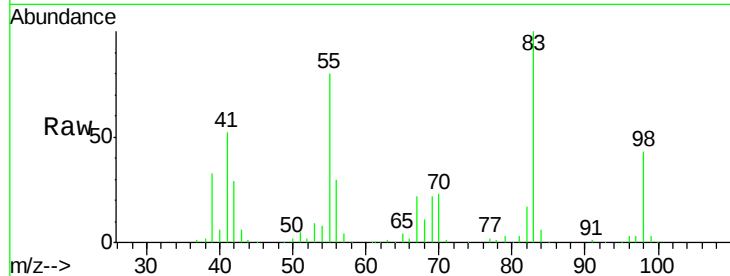
#35
Methvlcvclohexane
Concen: 15.841 ug/L
RT: 6.78 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Instrument :
MSVOA_U
ClientSampleId :
F4B15

Tot Ion	Ratio	Lower	Upper
83	100		
55	98.4	62.1	93.1#
98	45.5	35.9	53.9

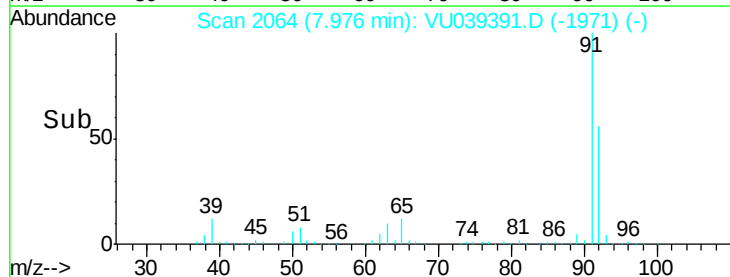
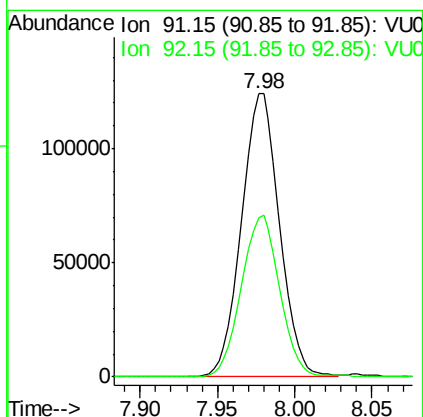
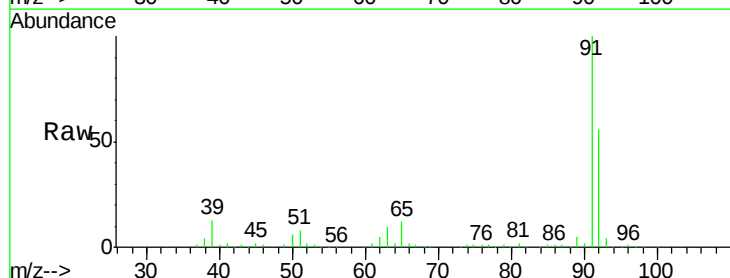
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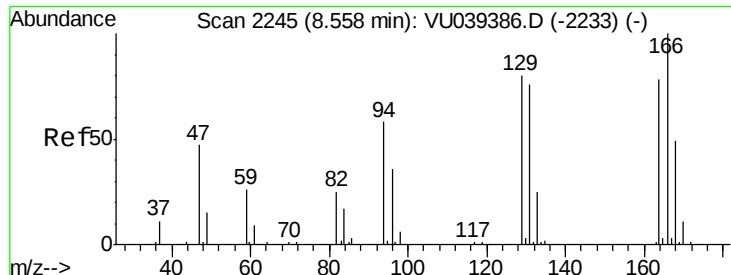
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#42
Toluene
Concen: 7.022 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.4	39.3	73.1





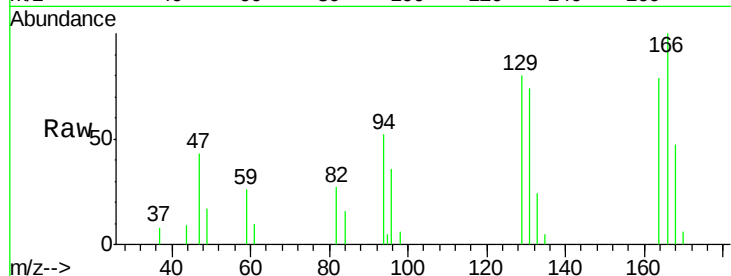
#47
Tetrachloroethene
Concen: 0.771 ug/L
RT: 8.56 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Instrument :
MSVOA_U
ClientSampleId :
F4B15

Tot Ion	Ratio	Lower	Upper
164	100		
129	101.6	68.6	127.4
131	93.4	66.4	123.4
166	126.7	85.9	159.5

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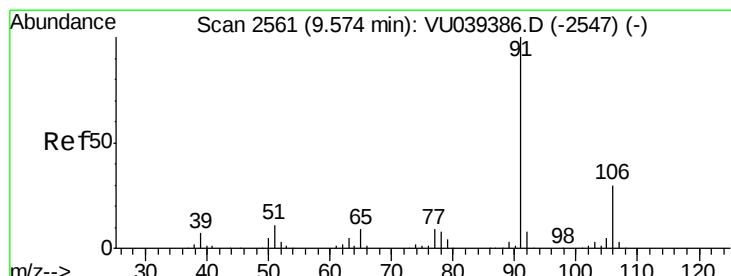
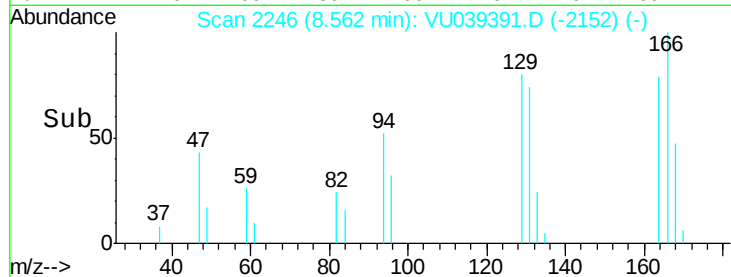
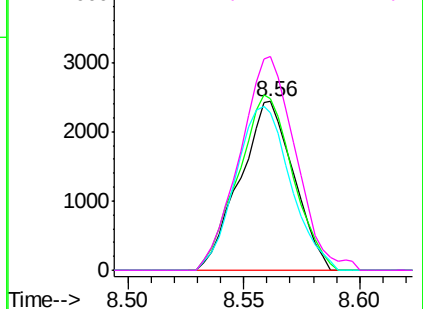


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

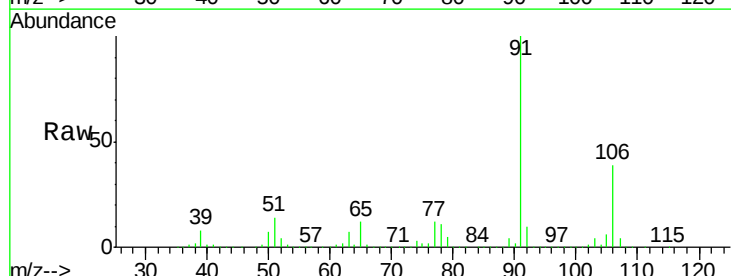
Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



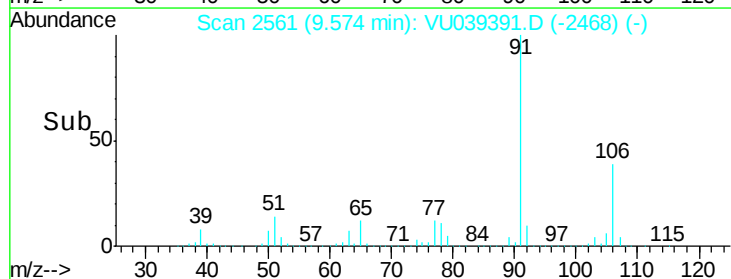
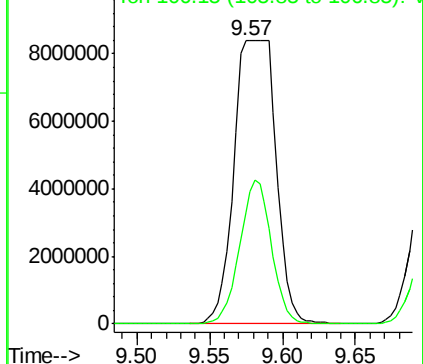
#52
Ethylbenzene
Concen: 505.620 ug/L m
RT: 9.57 min Scan# 2561
Delta R.T. 0.00 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

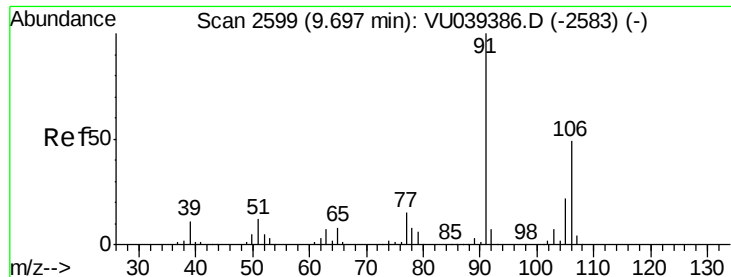
Tgt Ion	Ratio	Lower	Upper
91	100		
106	39.4	21.3	39.6



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V





#53

m,p-Xylene

Concen: 328.826 ug/L

RT: 9.70 min Scan# 2601

Delta R.T. 0.01 min

Lab File: VU039391.D

Acq: 09 Jul 2020 12:47

Instrument :

MSVOA_U

ClientSampleID :

F4B15

Tot Ion:106 Resp: 4145438

Ion Ratio Lower Upper

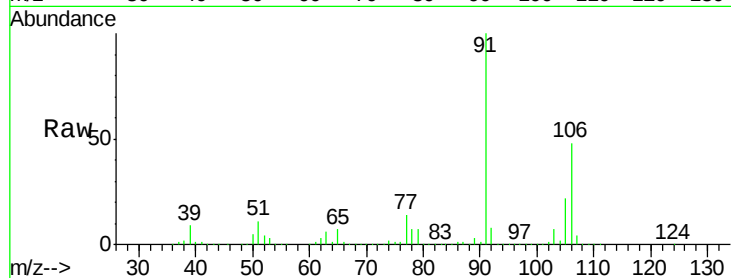
106 100

91 209.5 144.0 267.4

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Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

1e+07

8000000

6000000

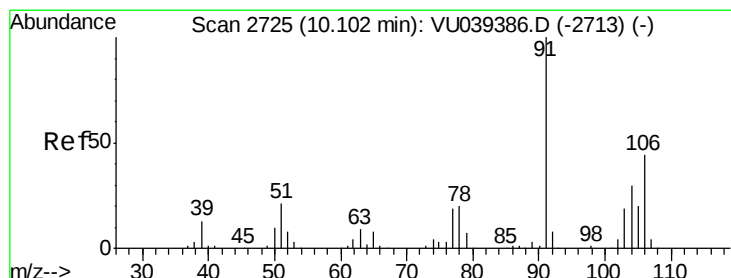
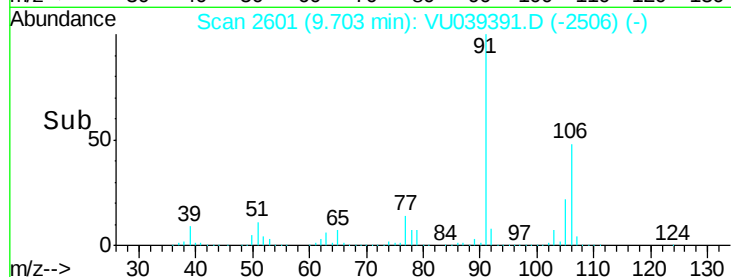
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2000000

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9.60 9.70 9.80

Time-->



#54

o-Xylene

Concen: 199.345 ug/L

RT: 10.11 min Scan# 2726

Delta R.T. 0.00 min

Lab File: VU039391.D

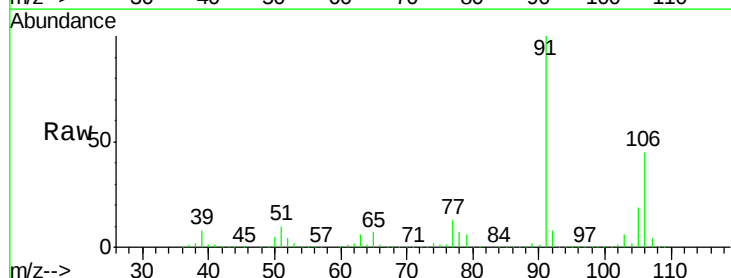
Acq: 09 Jul 2020 12:47

Tgt Ion:106 Resp: 2446558

Ion Ratio Lower Upper

106 100

91 221.5 154.6 287.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

4000000

3000000

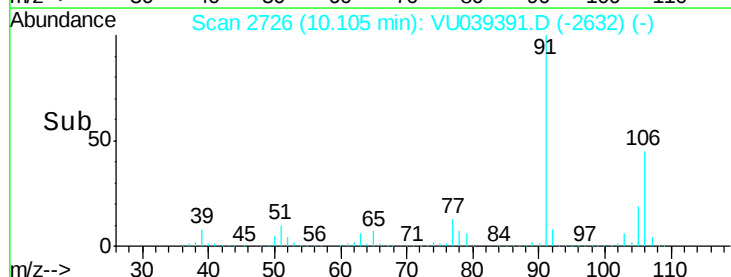
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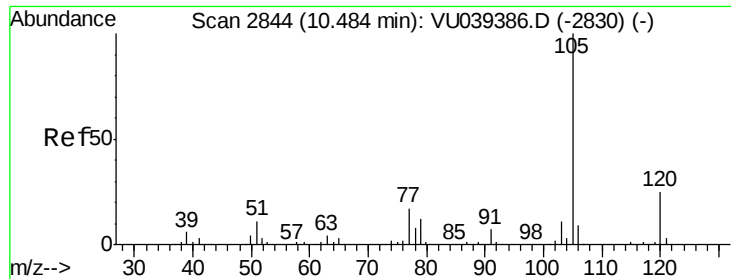
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0

10.00 10.10 10.20

Time-->





#56
Isopropylbenzene
Concen: 67.587 ug/L
RT: 10.49 min Scan# 2845
Delta R.T. 0.00 min
Lab File: VU039391.D
Acq: 09 Jul 2020 12:47

Instrument :
MSVOA_U
ClientSampleId :
F4B15

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.7	31.1
77	16.2	13.9	20.9

Manual Integrations
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