

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110920\
 Data File : VU041145.D
 Acq On : 09 Nov 2020 16:55
 Operator : SY/MD
 Sample : L4646-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0T6

Manual Integrations
 APPROVED

MMDadoda
 11/11/2020 9:33:47 AM

Quant Time: Nov 10 09:51:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 10 01:04:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	61234	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	61493	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31123	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16018	3.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.20%
7) Chloroethane-d5	1.92	69	16701	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.58	63	26733	2.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.00%#
20) 2-Butanone-d5	4.65	46	93683	55.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.60%
24) Chloroform-d	5.08	84	42388	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.73	65	26984	4.79	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.75	84	77220	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.70	67	26480	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.91	98	69793	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	8.19	79	12111	5.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.40%
46) 2-Hexanone-d5	8.64	63	68803	55.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.12%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25212	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	29752	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
22) cis-1,2-Dichloroethene	4.69	96	14223	3.137	ug/L	97
30) Cyclohexane	5.41	56	797496	107.626	ug/L	98
33) Benzene	5.80	78	23498069m	1278.866	ug/L	
35) Methylcyclohexane	6.77	83	132259	18.962	ug/L	90
42) Toluene	7.98	91	193095	10.364	ug/L	99
52) Ethylbenzene	9.57	91	421658	21.500	ug/L	100
53) m,p-Xylene	9.70	106	1096279	153.273	ug/L	99
54) o-Xylene	10.10	106	16296	2.446	ug/L	95
56) Isopropylbenzene	10.48	105	409406	22.856	ug/L	99

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

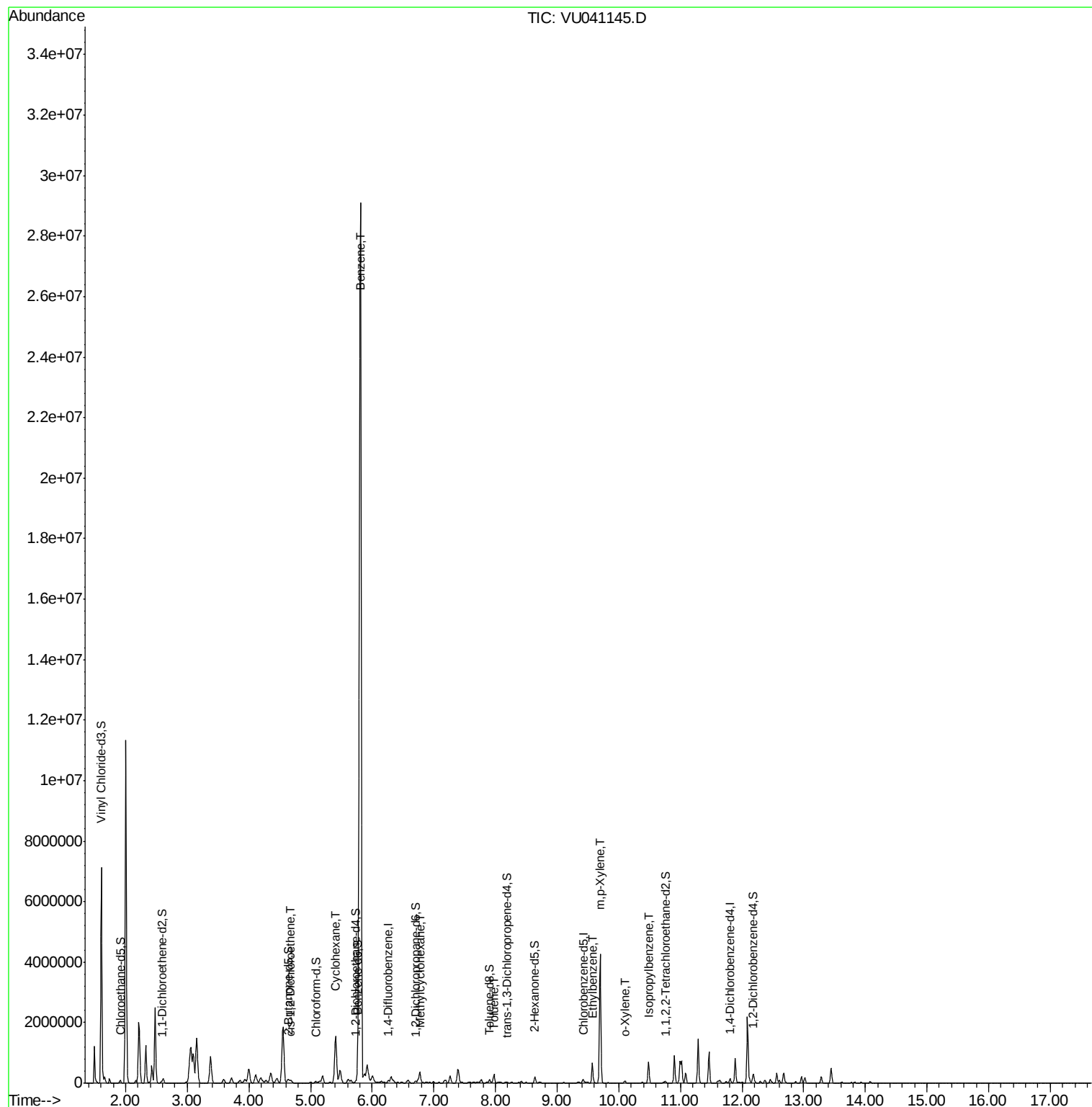
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU110920\
Data File : VU041145.D
Acq On : 09 Nov 2020 16:55
Operator : SY/MD
Sample : L4646-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

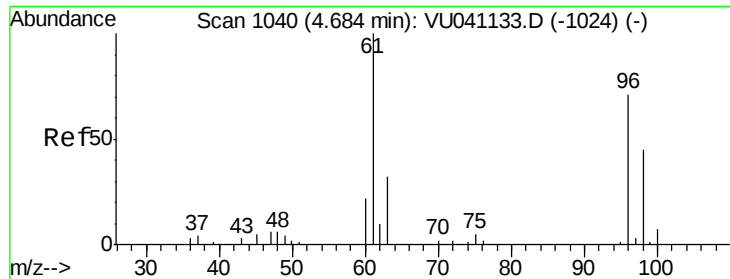
Instrument :
MSVOA_U
ClientSampleId :
GB0T6

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Quant Time: Nov 10 09:51:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 10 01:04:12 2020
Response via : Initial Calibration





#22

cis-1,2-Dichloroethene

Concen: 3.137 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU041145.D

Acq: 09 Nov 2020 16:55

Instrument :

MSVOA_U

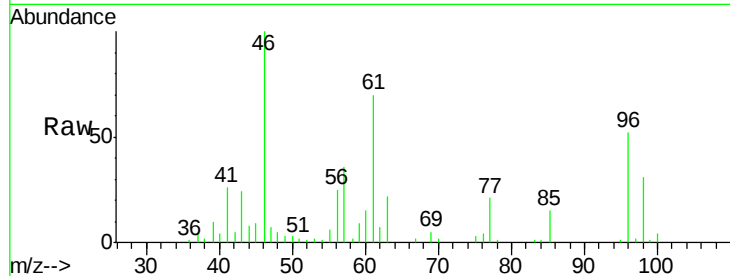
ClientSampleId :

GB0T6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		14223		
61	135.4	97.2	180.4		
68	0.0	0.0	0.0		

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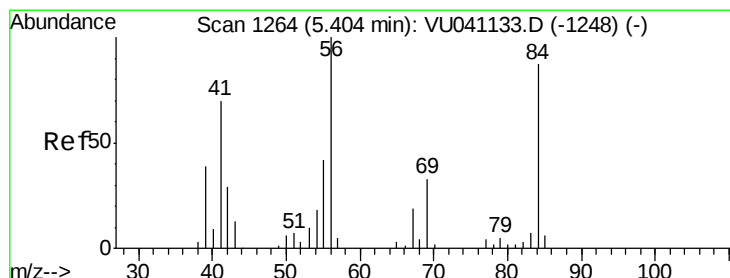
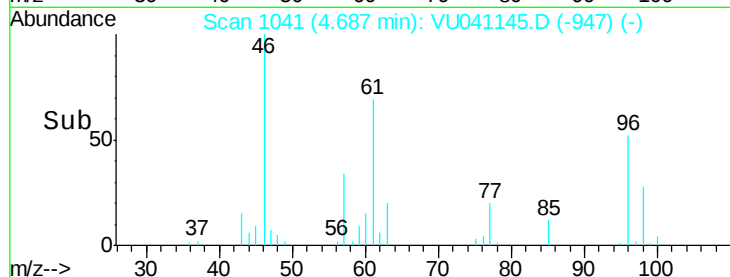
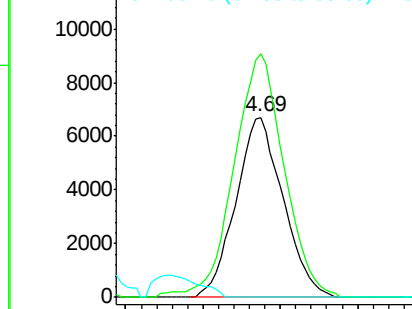


Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#30

Cyclohexane

Concen: 107.626 ug/L

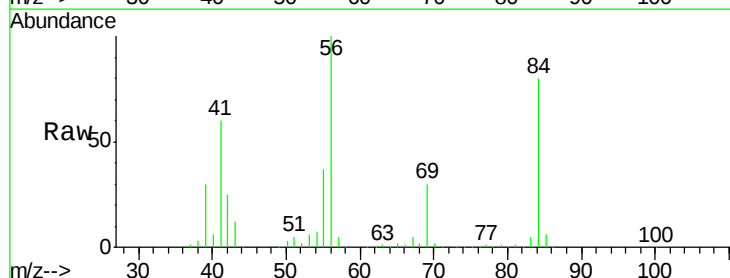
RT: 5.41 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VU041145.D

Acq: 09 Nov 2020 16:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
56	100		797496		
69	32.4	22.8	34.2		
84	79.5	63.6	95.4		

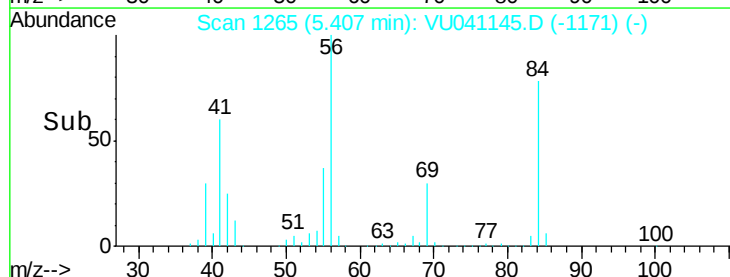
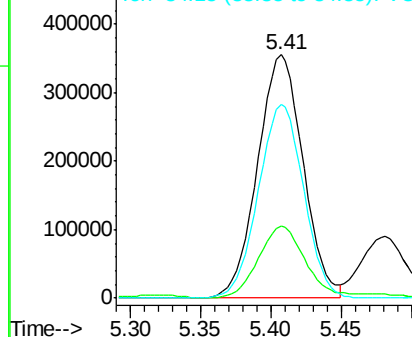


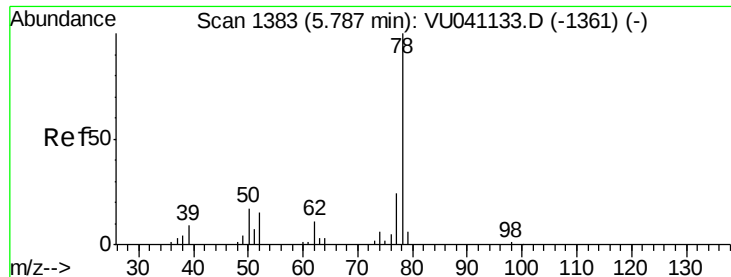
Abundance

Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0





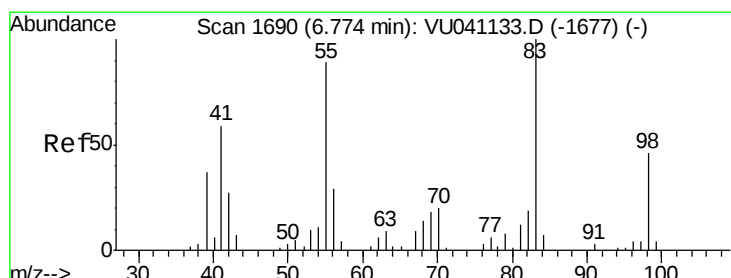
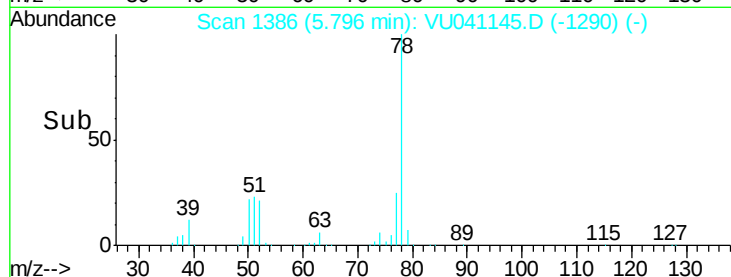
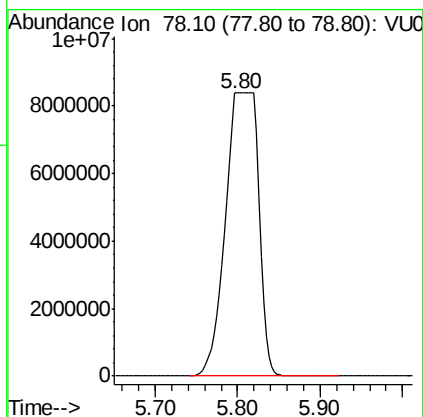
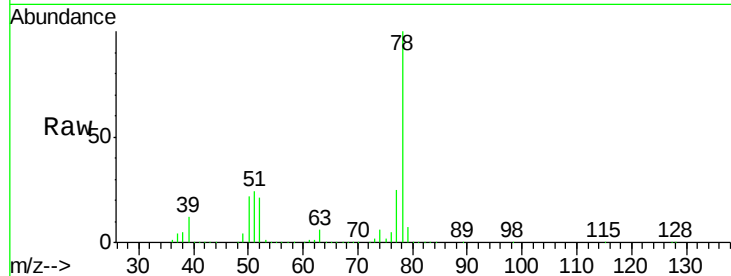
#33
Benzene
Concen: 1278.866 ug/L m
RT: 5.80 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Instrument :
MSVOA_U
ClientSampleId :
GB0T6

Tgt Ion: 78 Resp:23498069

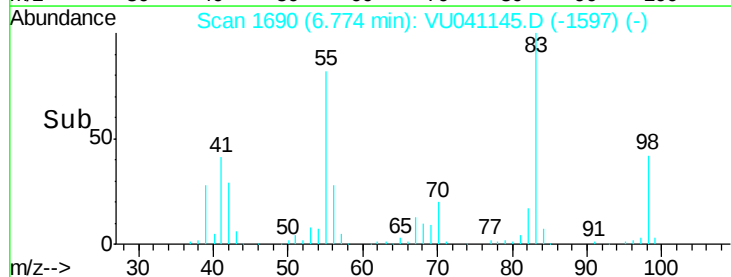
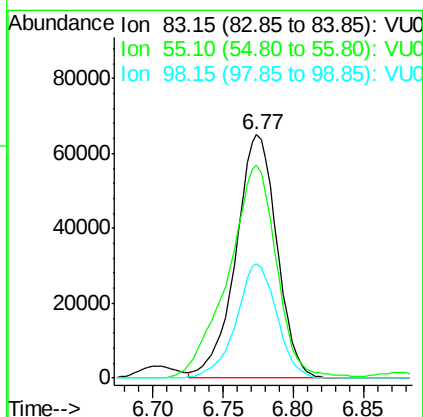
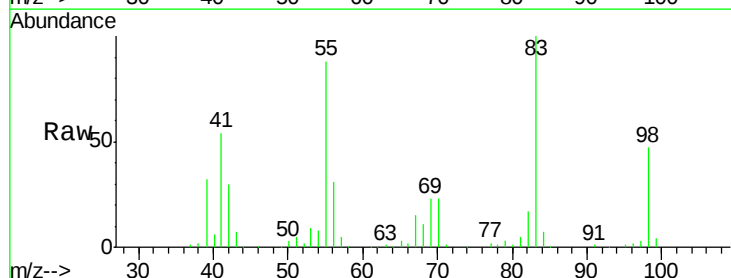
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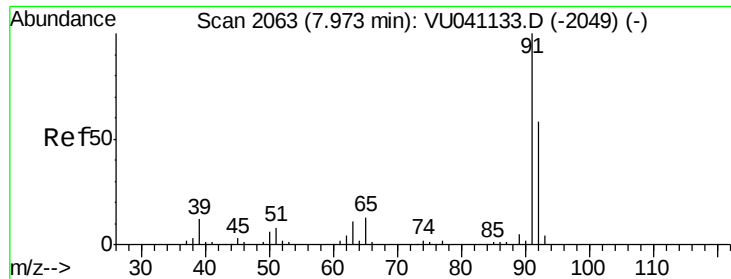
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#35
Methylcyclohexane
Concen: 18.962 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Tgt Ion: 83 Resp: 132259
Ion Ratio Lower Upper
83 100
55 103.3 72.0 108.0
98 46.4 36.6 55.0





#42

Toluene

Concen: 10.364 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU041145.D

Acq: 09 Nov 2020 16:55

Instrument :

MSVOA_U

ClientSampleId :

GB0T6

Tot Ion: 91 Resp: 193095

Ion Ratio Lower Upper

91 100

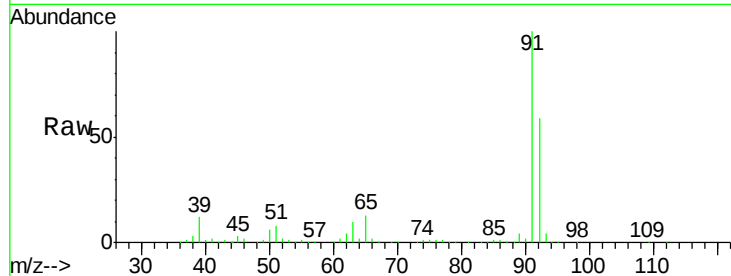
92 58.9 40.6 75.4

Manual Integrations

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Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

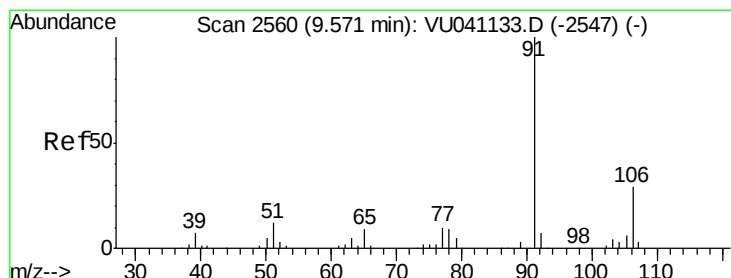
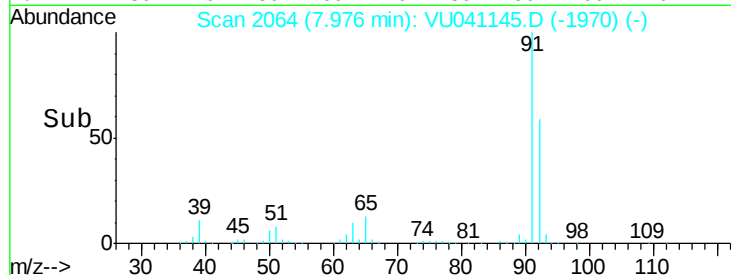
7.98

100000

50000

0

Time-->



#52

Ethylbenzene

Concen: 21.500 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU041145.D

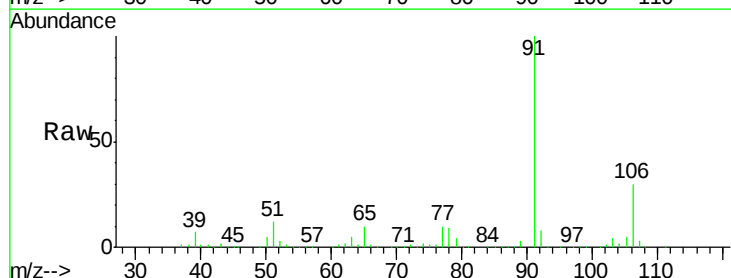
Acq: 09 Nov 2020 16:55

Tgt Ion: 91 Resp: 421658

Ion Ratio Lower Upper

91 100

106 30.0 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V

9.57

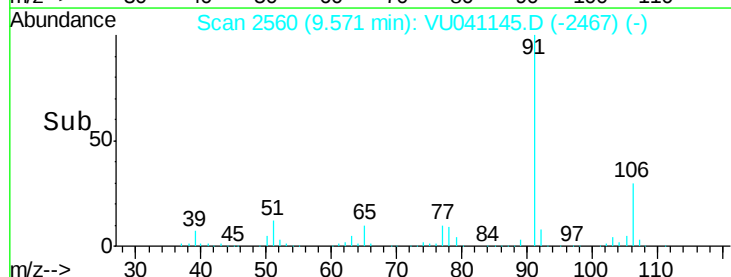
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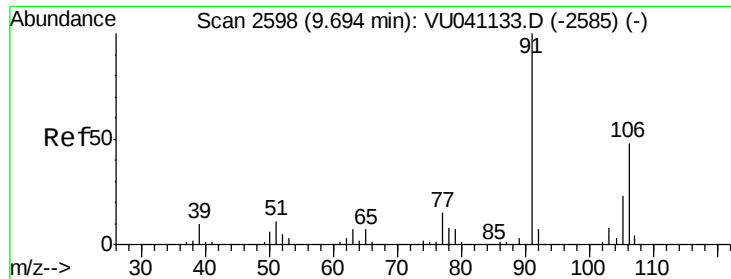
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500000

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Time-->





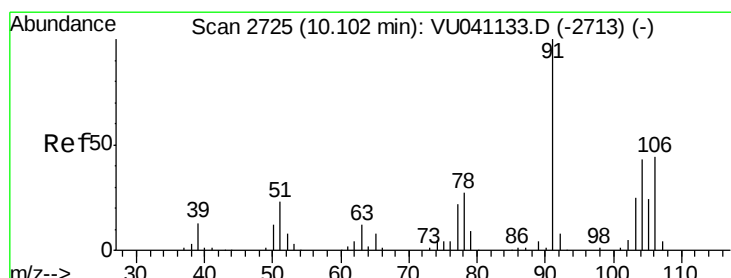
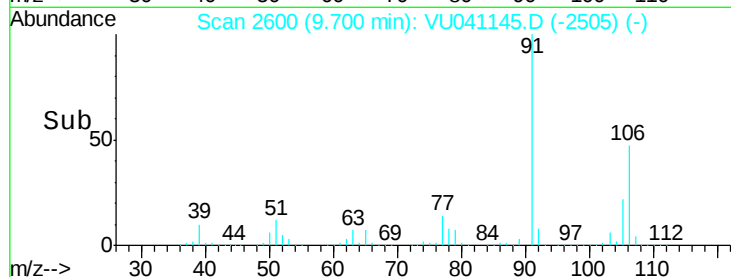
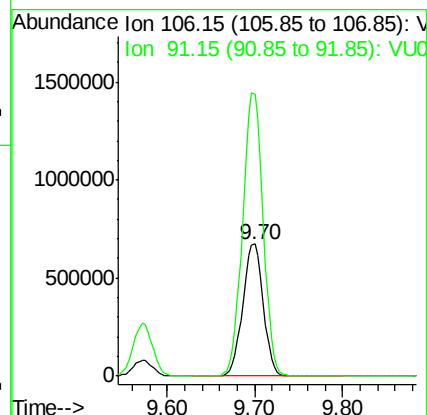
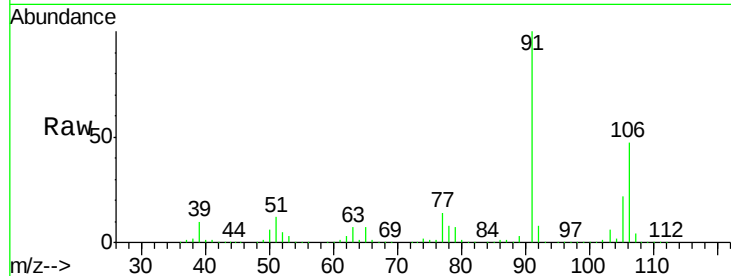
#53
m,p-Xylene
Concen: 153.273 ug/L
RT: 9.70 min Scan# 2600
Delta R.T. 0.01 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Instrument :
MSVOA_U
ClientSampled :
GB0T6

Tot Ion:106 Resp: 1096279
Ion Ratio Lower Upper
106 100
91 214.5 150.9 280.3

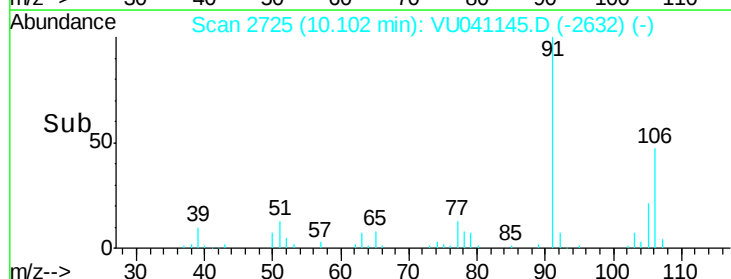
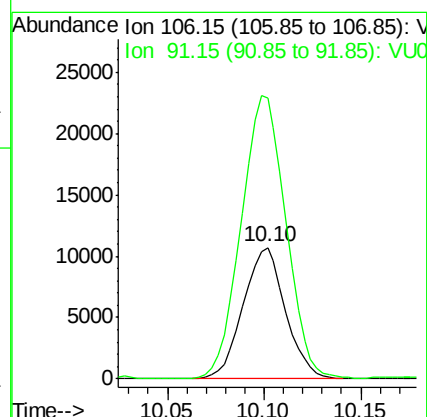
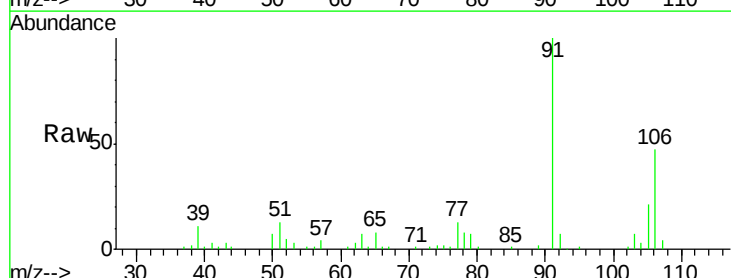
Manual Integrations
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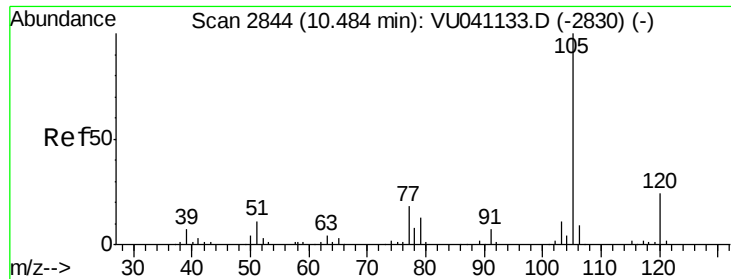
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11/11/2020 9:33:47 AM



#54
o-Xylene
Concen: 2.446 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU041145.D
Acq: 09 Nov 2020 16:55

Tgt Ion:106 Resp: 16296
Ion Ratio Lower Upper
106 100
91 213.1 154.3 286.5





#56

Isopropylbenzene

Concen: 22.856 ug/L

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU041145.D

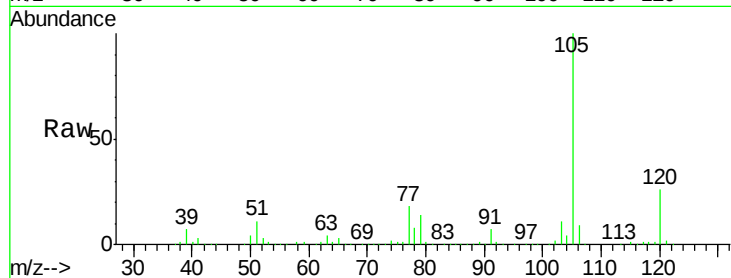
Acq: 09 Nov 2020 16:55

Instrument :

MSVOA_U

ClientSampleId :

GB0T6



Tot Ion:	105	Resp:	409406
Ion Ratio	Lower	Upper	
105	100		
120	25.5	20.7	31.1
77	17.7	13.8	20.6

Manual Integrations
APPROVED

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11/11/2020 9:33:47 AM

