

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110920\
 Data File : VU041146.D
 Acq On : 09 Nov 2020 17:18
 Operator : SY/MD
 Sample : L4646-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0T7

Manual Integrations
 APPROVED

MMDadoda
 11/11/2020 9:33:54 AM

Quant Time: Nov 10 10:51:14 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	66710	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	65322	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32852	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16267	2.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.00%
7) Chloroethane-d5	1.92	69	16984	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.58	63	27010	2.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.20%#
20) 2-Butanone-d5	4.66	46	90145	48.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.68%
24) Chloroform-d	5.08	84	41821	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.73	65	27072	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	5.75	84	76933	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.70	67	25780	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.91	98	70504	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	8.19	79	11969	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.64	63	68743	51.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.58%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24657	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	29634	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	4.69	96	13911	2.816	ug/L 96
30) Cyclohexane	5.41	56	792989	100.745	ug/L 98
33) Benzene	5.80	78	23559602m	1207.055	ug/L
35) Methylcyclohexane	6.77	83	134643	18.173	ug/L 91
42) Toluene	7.98	91	199268	10.068	ug/L 99
52) Ethylbenzene	9.57	91	433394	20.803	ug/L 100
53) m,p-Xylene	9.70	106	1141857	150.287	ug/L 100
54) o-Xylene	10.10	106	17748	2.508	ug/L 98
56) Isopropylbenzene	10.48	105	423125	22.237	ug/L 99

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

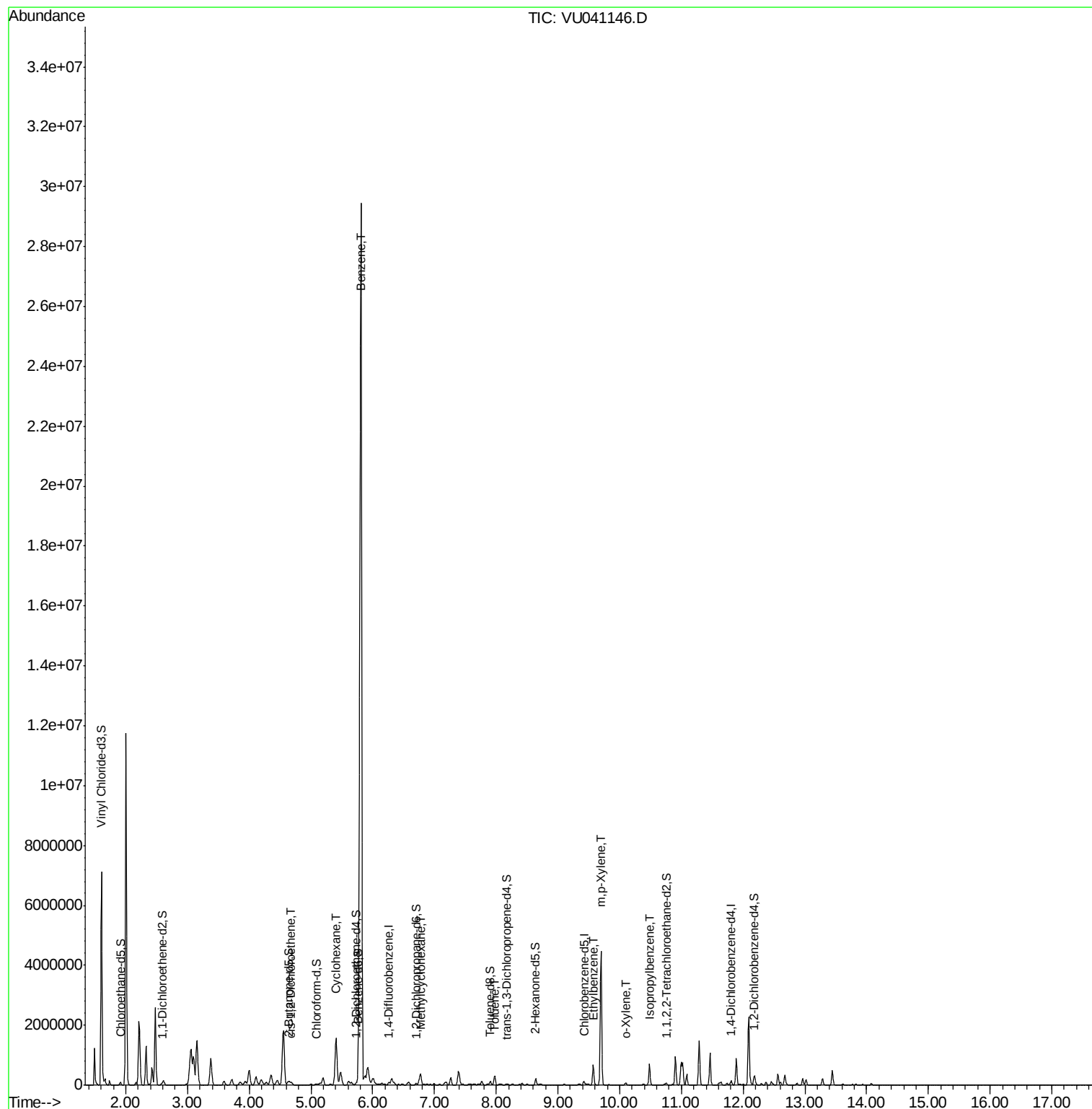
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110920\
Data File : VU041146.D
Acq On : 09 Nov 2020 17:18
Operator : SY/MD
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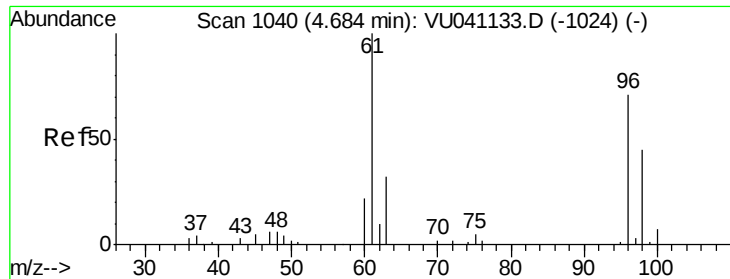
Instrument :
MSVOA_U
ClientSampleId :
GB0T7

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Quant Time: Nov 10 10:51:14 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





#22

cis-1,2-Dichloroethene

Concen: 2.816 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU041146.D

Acq: 09 Nov 2020 17:18

Instrument :

MSVOA_U

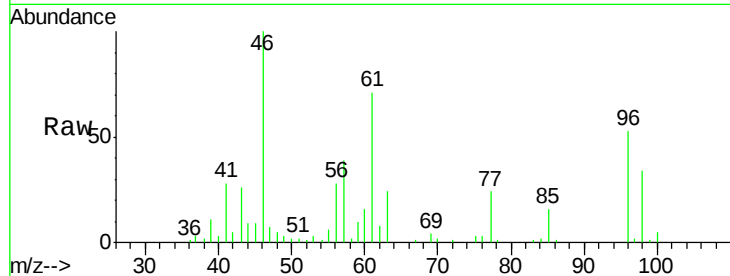
ClientSampled :

GB07

Tot Ion:	96	Resp:	13911
Ion	Ratio	Lower	Upper
96	100		
61	134.3	97.2	180.4
68	0.0	0.0	0.0

Manual Integrations
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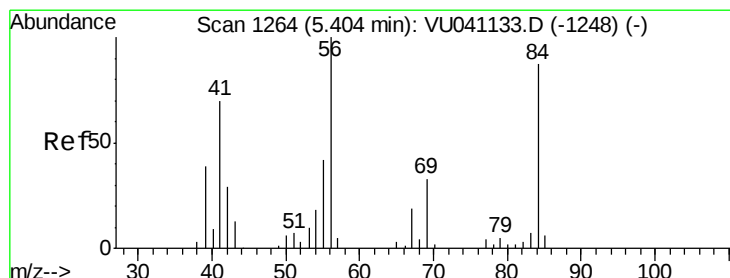
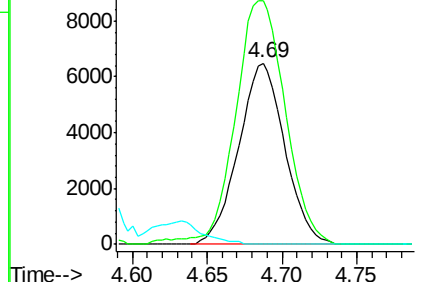
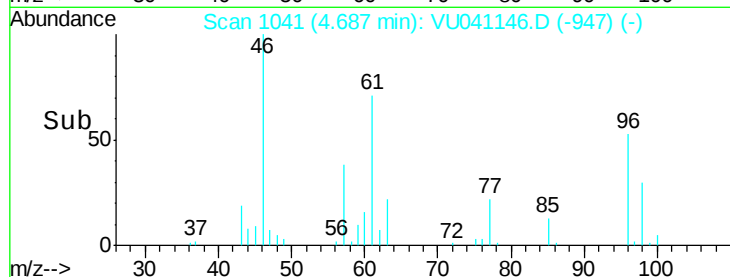
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Abundance Ion 96.00 (95.70 to 96.70): VU041146.D (-947) (-)

Ion 61.05 (60.75 to 61.75): VU041146.D (-947) (-)

Ion 68.15 (67.85 to 68.85): VU041146.D (-947) (-)



#30

Cyclohexane

Concen: 100.745 ug/L

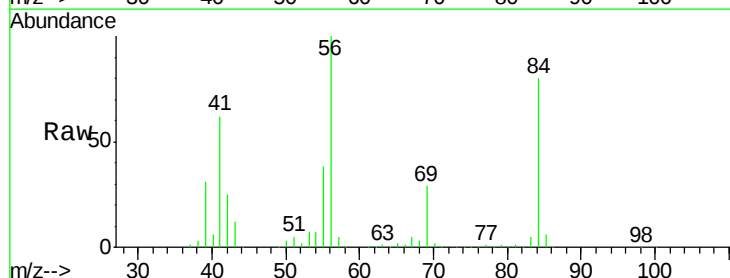
RT: 5.41 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VU041146.D

Acq: 09 Nov 2020 17:18

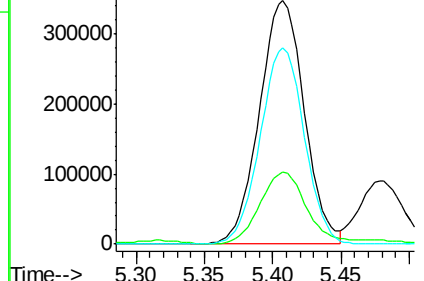
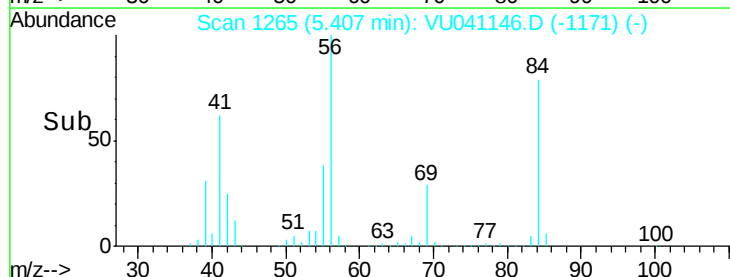
Tgt Ion:	56	Resp:	792989
Ion	Ratio	Lower	Upper
56	100		
69	32.8	22.8	34.2
84	79.5	63.6	95.4

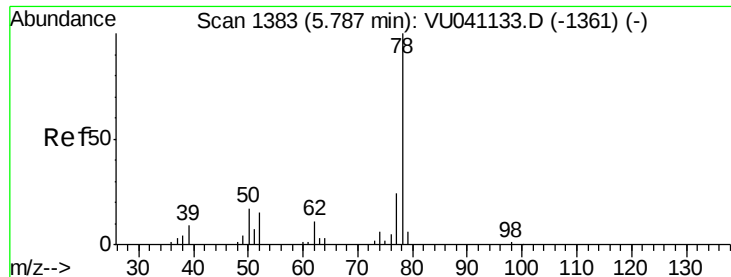


Abundance Ion 56.10 (55.80 to 56.80): VU041146.D (-1171) (-)

Ion 69.15 (68.85 to 69.85): VU041146.D (-1171) (-)

Ion 84.15 (83.85 to 84.85): VU041146.D (-1171) (-)





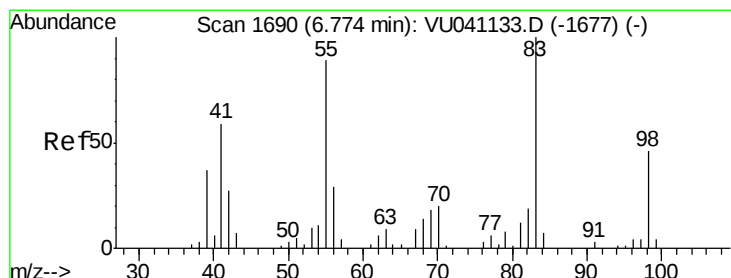
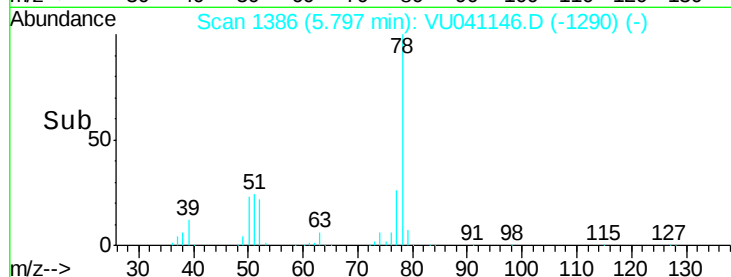
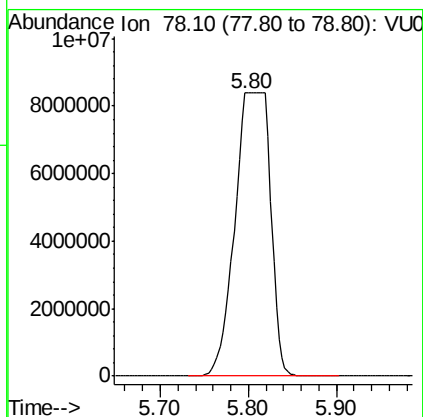
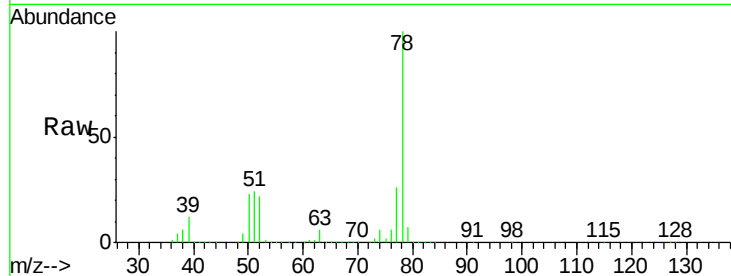
#33
Benzene
Concen: 1207.055 ug/L m
RT: 5.80 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Instrument :
MSVOA_U
ClientSampleId :
GB0T7

Tgt Ion: 78 Resp:23559602

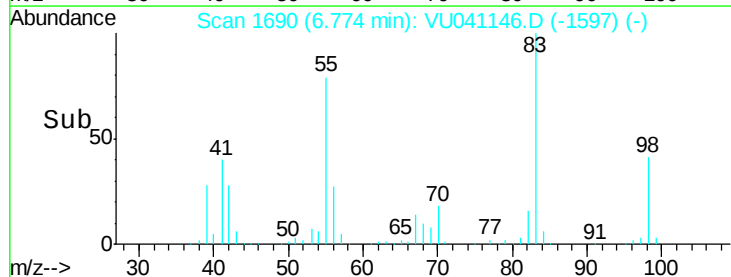
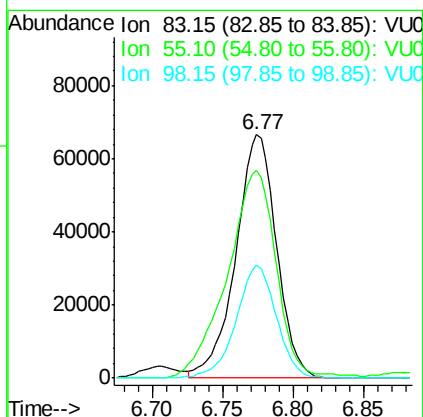
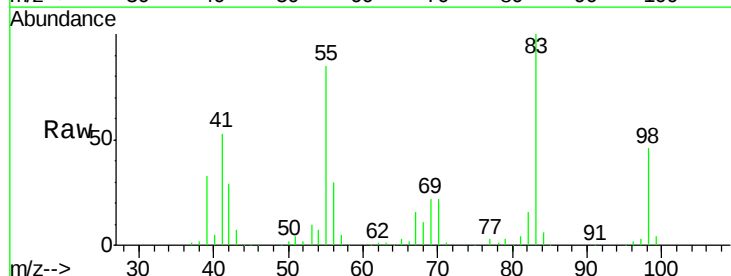
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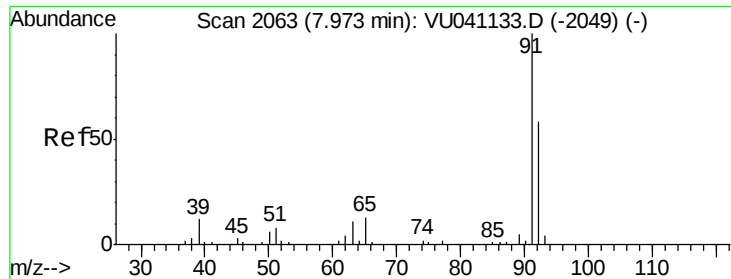
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#35
Methylcyclohexane
Concen: 18.173 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VU041146.D
Acq: 09 Nov 2020 17:18

Tgt Ion: 83 Resp: 134643
Ion Ratio Lower Upper
83 100
55 102.8 72.0 108.0
98 45.9 36.6 55.0





#42

Toluene

Concen: 10.068 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU041146.D

Acq: 09 Nov 2020 17:18

Instrument :

MSVOA_U

ClientSampled :

GB0T7

Tot Ion: 91 Resp: 199268

Ion Ratio Lower Upper

91 100

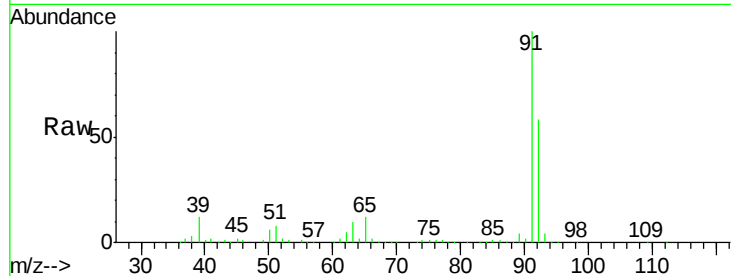
92 57.6 40.6 75.4

Manual Integrations

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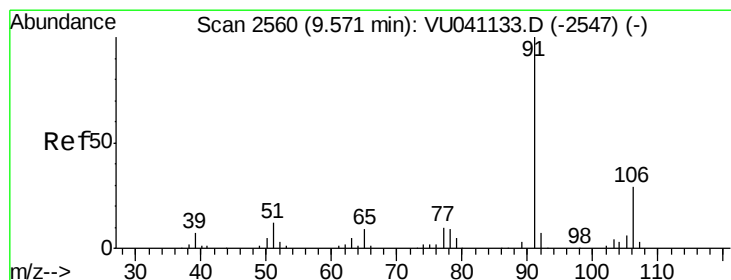
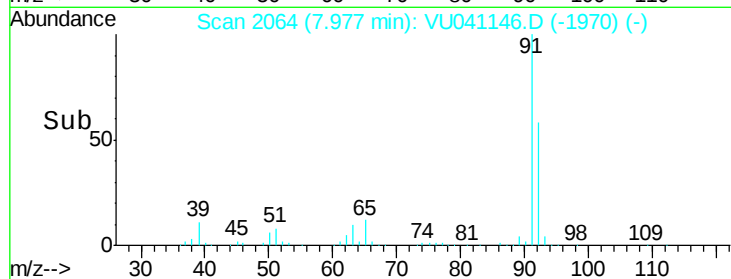
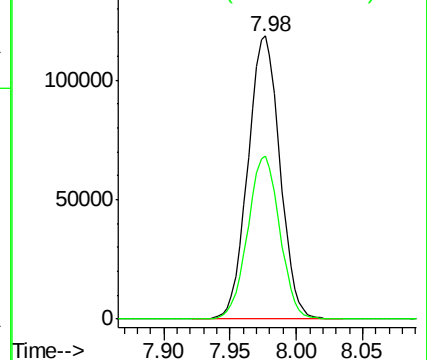
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Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#52

Ethylbenzene

Concen: 20.803 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU041146.D

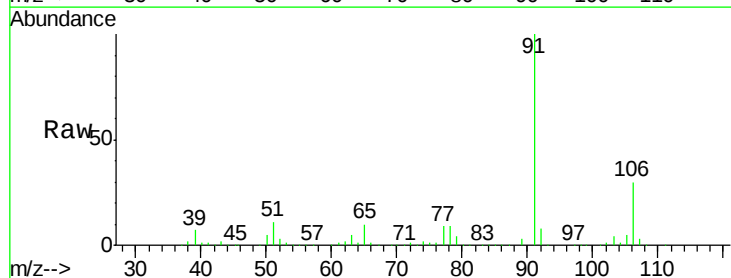
Acq: 09 Nov 2020 17:18

Tgt Ion: 91 Resp: 433394

Ion Ratio Lower Upper

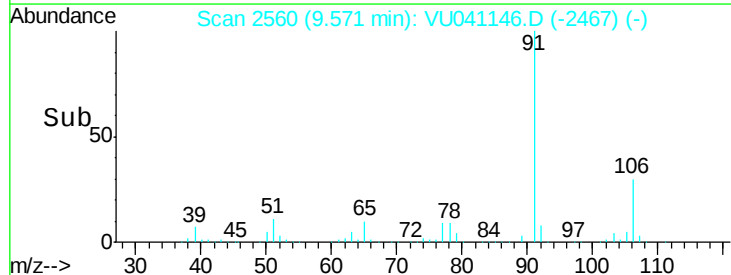
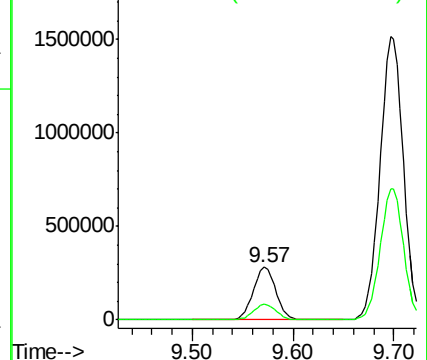
91 100

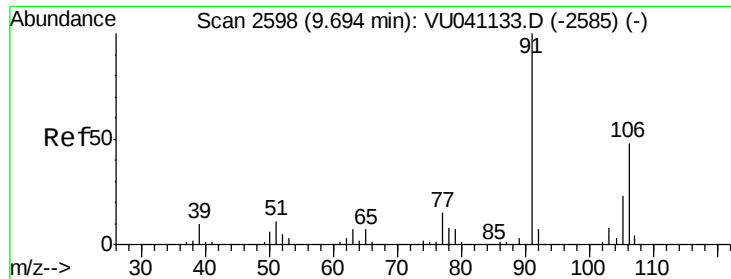
106 29.7 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V





#53

m,p-Xylene

Concen: 150.287 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU041146.D

Acq: 09 Nov 2020 17:18

Instrument :

MSVOA_U

ClientSampled :

GB07

Tot Ion:106 Resp: 1141857

Ion Ratio Lower Upper

106 100

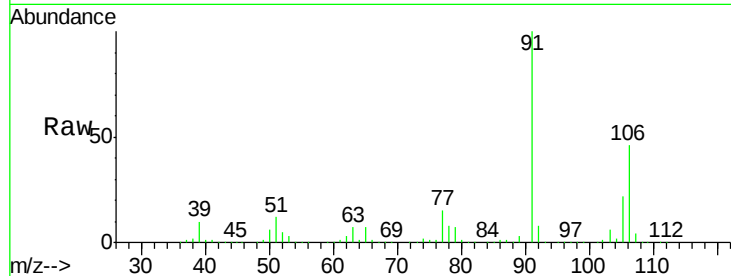
91 215.6 150.9 280.3

Manual Integrations

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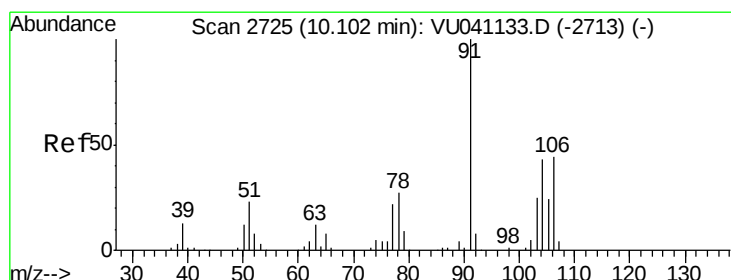
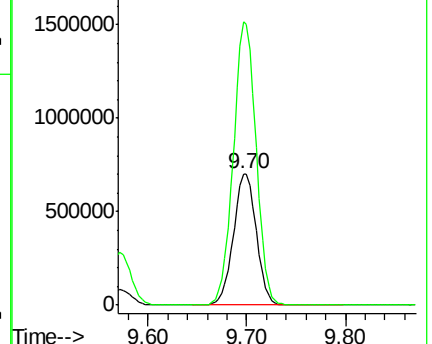
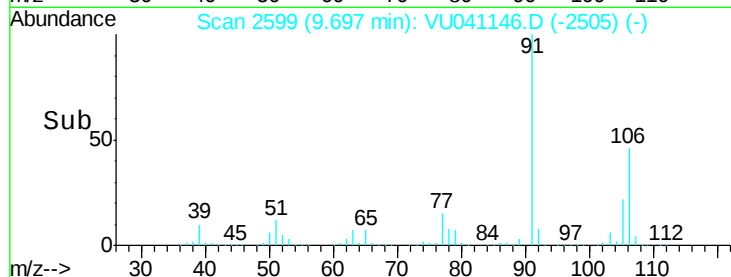
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Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 2.508 ug/L

RT: 10.10 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VU041146.D

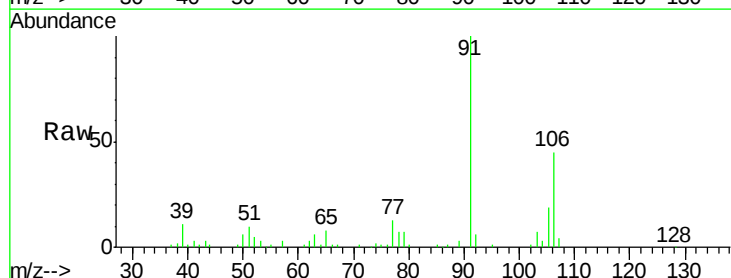
Acq: 09 Nov 2020 17:18

Tgt Ion:106 Resp: 17748

Ion Ratio Lower Upper

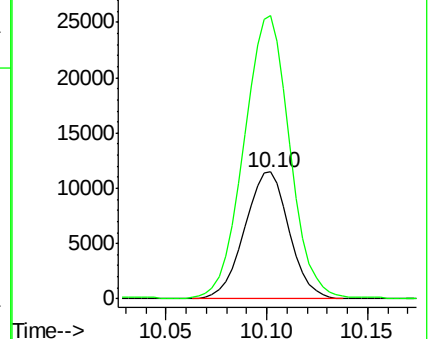
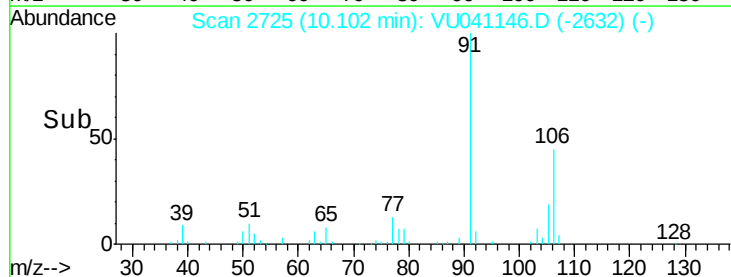
106 100

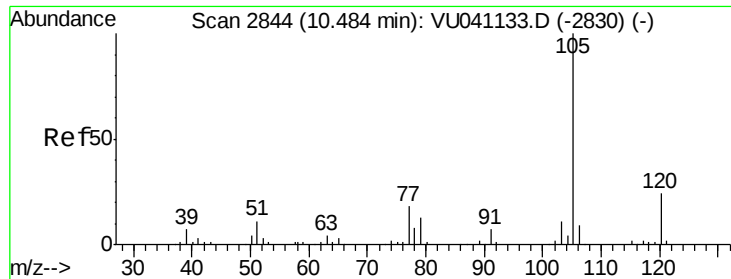
91 222.9 154.3 286.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#56
Isopropylbenzene
Concen: 22.237 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. -0.00 min
Lab File: VU041146.D
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MSVOA_U
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
105	100		
120	25.5	20.7	31.1
77	17.4	13.8	20.6

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11/11/2020 9:33:54 AM

