

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U113018\
 Data File : VU028417.D
 Acq On : 30 Nov 2018 12:50
 Operator : MD/SY
 Sample : J6077-06
 Misc : 6.06g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Y41

Manual Integrations
 APPROVED

MMDadoda
 12/3/2018 10:51:29 AM

Quant Time: Dec 01 04:25:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM113018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 30 23:11:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	399680	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	387380	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	198755	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	259152	72.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	144.94%#
7) Chloroethane-d5	1.64	69	227660m	82.93	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	165.86%#
11) 1,1-Dichloroethene-d2	2.24	63	355715	55.94	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.88%
21) 2-Butanone-d5	4.19	46	460350	156.86	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	156.86%#
24) Chloroform-d	4.64	84	425770	73.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	147.62%#
26) 1,2-Dichloroethane-d4	5.31	65	293126	74.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	149.24%#
32) Benzene-d6	5.33	84	908905	75.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	150.72%#
36) 1,2-Dichloropropane-d6	6.33	67	328566	75.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	151.02%#
41) Toluene-d8	7.56	98	815212	74.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	149.18%#
43) trans-1,3-Dichloropropene-	7.85	79	149766	76.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	152.46%#
47) 2-Hexanone-d5	8.32	63	352169	167.57	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	167.57%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	474683	85.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	170.68%#
64) 1,2-Dichlorobenzene-d4	11.86	152	320559	80.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	160.40%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.34	43	5058	1.657	ug/L	92
29) Cyclohexane	4.98	56	55298	8.796	ug/L	86
33) Benzene	5.38	78	228788	17.193	ug/L	100
35) Methylcyclohexane	6.41	83	107756	19.455	ug/L	92
42) Toluene	7.64	91	87311	6.447	ug/L	100
52) Ethylbenzene	9.25	91	73742	4.929	ug/L	98
53) m,p-Xylene	9.38	106	59014	11.061	ug/L	97
54) o-xylene	9.78	106	33772	6.391	ug/L	97
56) Isopropylbenzene	10.17	105	13646	0.979	ug/L	99

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

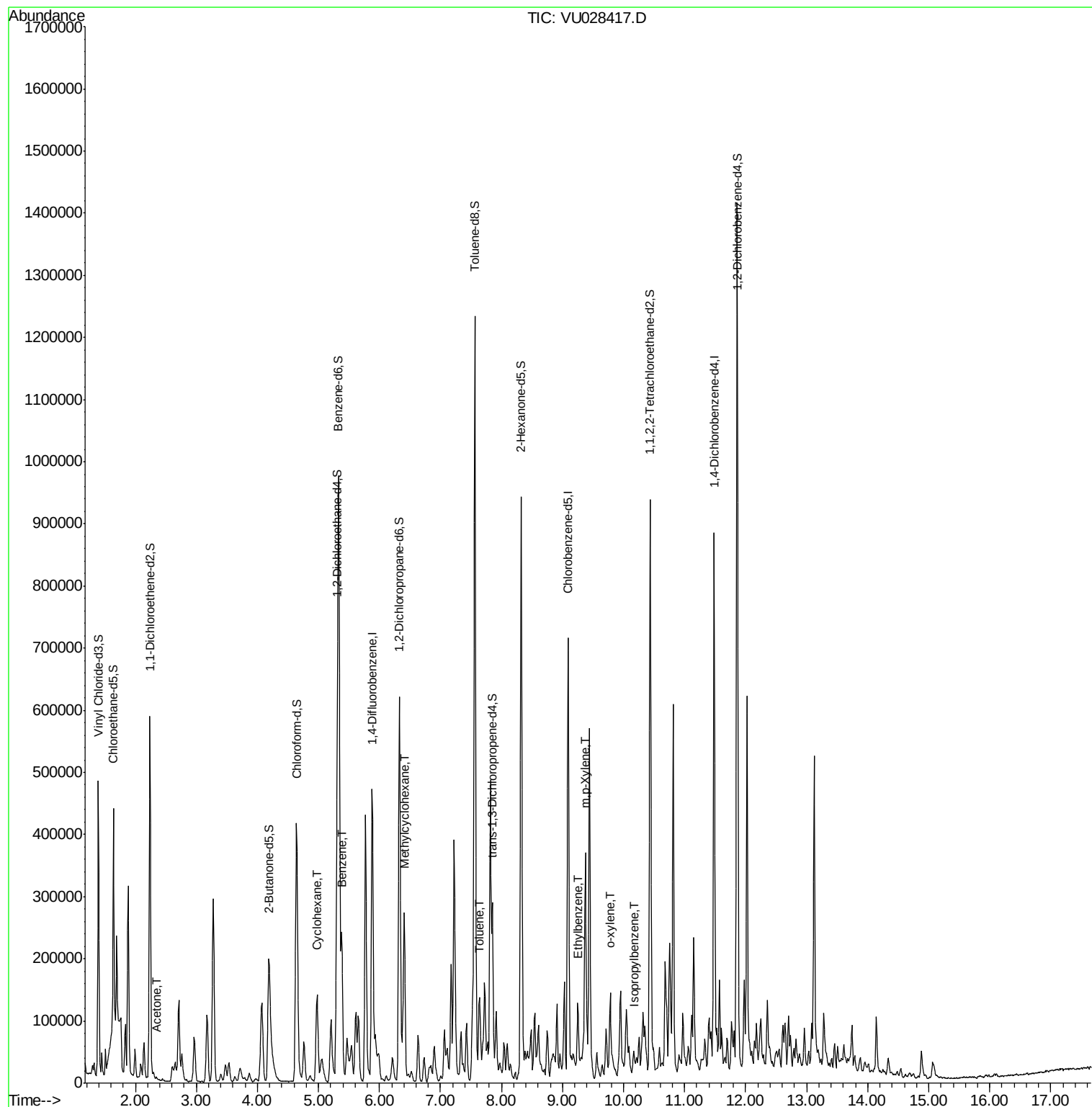
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU113018\
Data File : VU028417.D
Acq On : 30 Nov 2018 12:50
Operator : MD/SY
Sample : J6077-06
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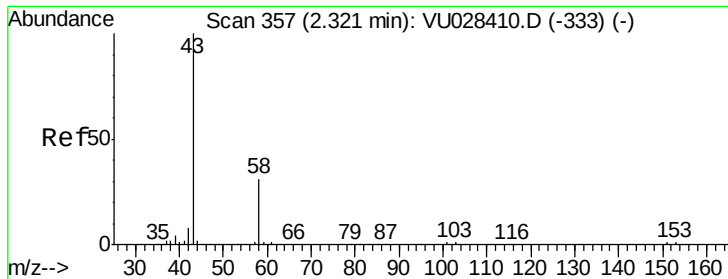
Instrument :
MSVOA_U
ClientSampleId :
F9Y41

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM113018WMA.M
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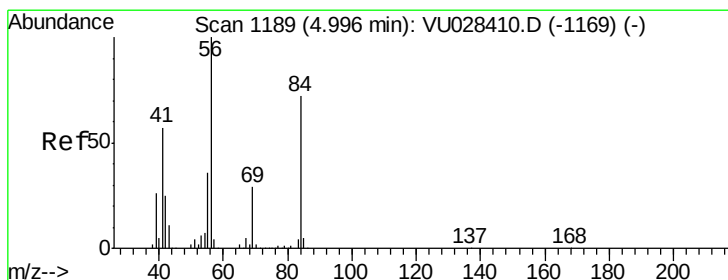
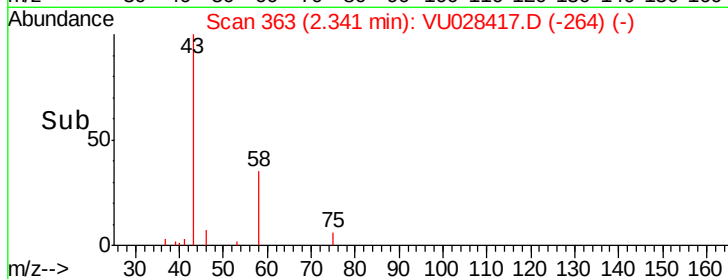
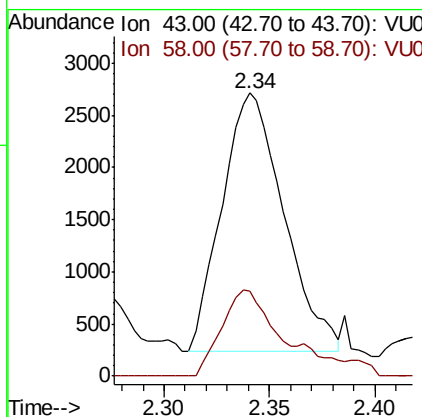
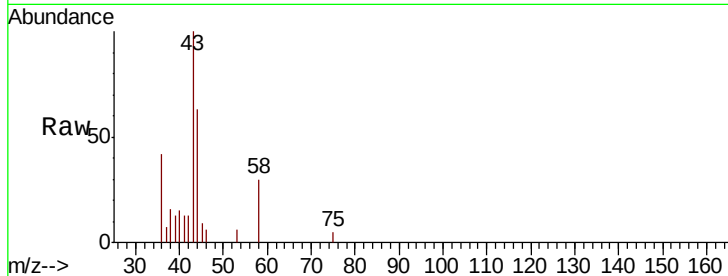
#13
Acetone
Concen: 1.657 ug/L
RT: 2.34 min Scan# 363
Delta R.T. 0.02 min
Lab File: VU028417.D
Acq: 30 Nov 2018 12:50

Instrument :
MSVOA_U
ClientSampleId :
F9Y41

Tot Ion	Ratio	Lower	Upper
43	100		
58	26.9	0.0	63.0

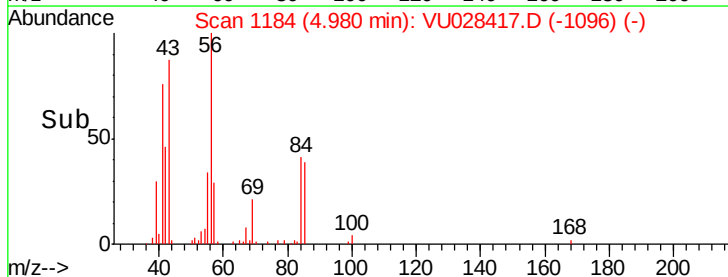
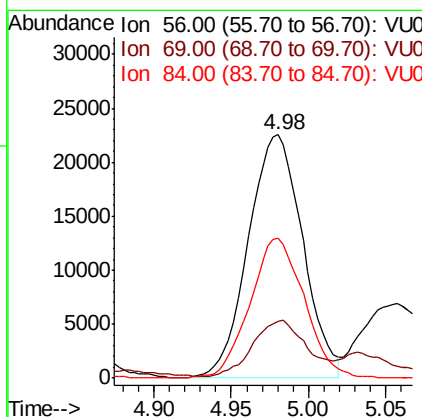
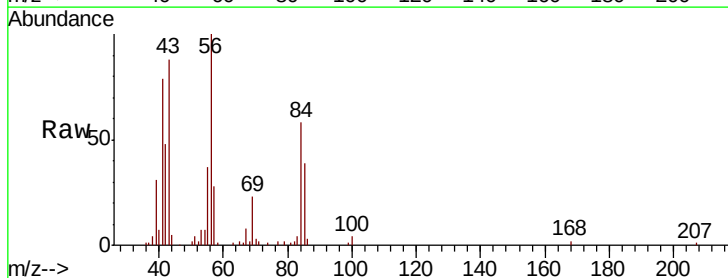
Manual Integrations
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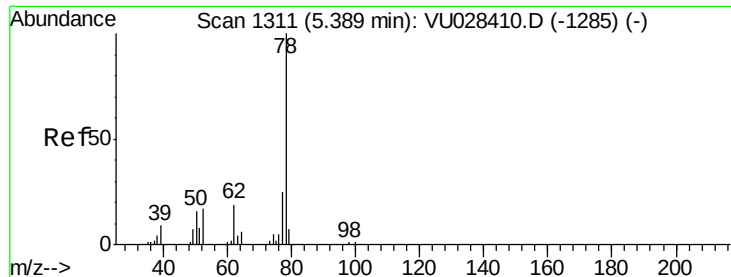
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#29
Cyclohexane
Concen: 8.796 ug/L
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU028417.D
Acq: 30 Nov 2018 12:50

Tgt Ion	Ratio	Lower	Upper
56	100		
69	23.1	22.5	33.7
84	57.3	56.6	85.0





#33

Benzene

Concen: 17.193 ug/L

RT: 5.38 min Scan# 1309

Delta R.T. -0.01 min

Lab File: VU028417.D

Acq: 30 Nov 2018 12:50

Instrument :

MSVOA_U

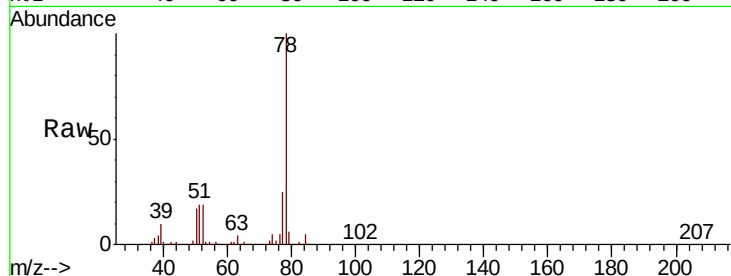
ClientSampleId :

F9Y41

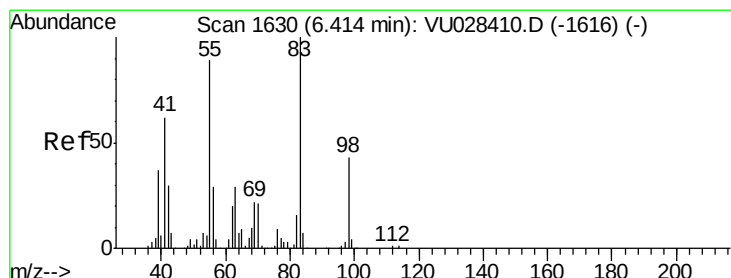
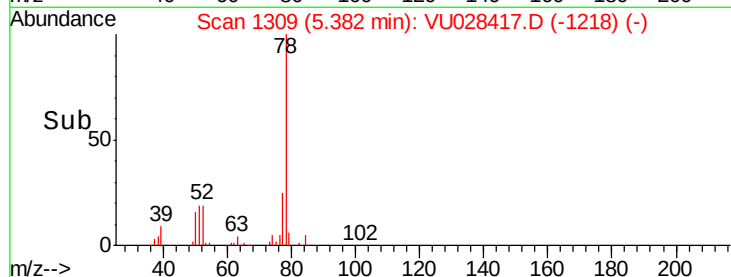
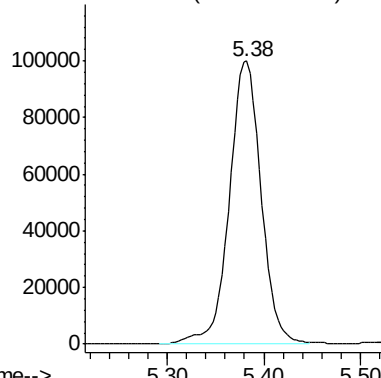
Tgt Ion: 78 Resp: 228788

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Abundance Ion 78.00 (77.70 to 78.70): VU0



#35

Methylcyclohexane

Concen: 19.455 ug/L

RT: 6.41 min Scan# 1628

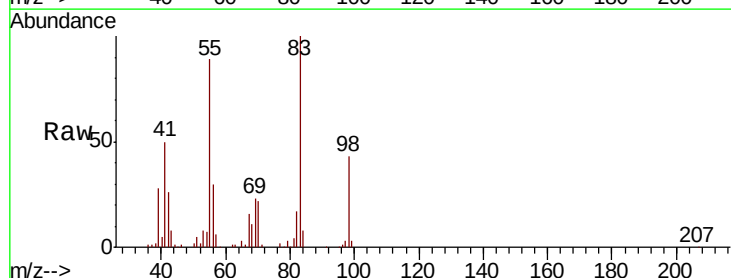
Delta R.T. -0.01 min

Lab File: VU028417.D

Acq: 30 Nov 2018 12:50

Tgt Ion: 83 Resp: 107756

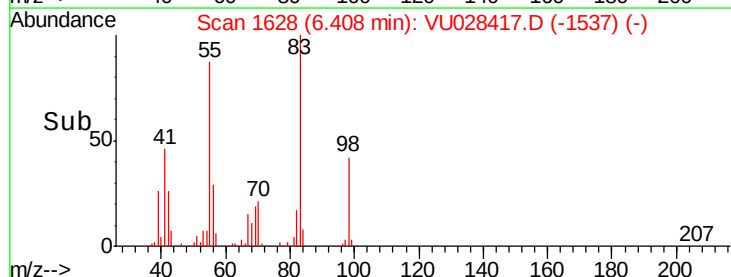
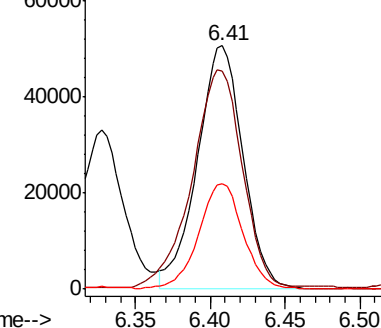
Ion	Ratio	Lower	Upper
83	100		
55	98.2	70.5	105.7
98	42.2	34.6	52.0

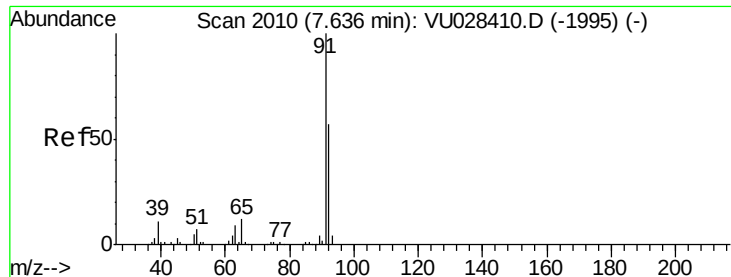


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#42

Toluene

Concen: 6.447 ug/L

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU028417.D

Acq: 30 Nov 2018 12:50

Instrument :

MSVOA_U

ClientSampled :

F9Y41

Tot Ion: 91 Resp: 87311

Ion Ratio Lower Upper

91 100

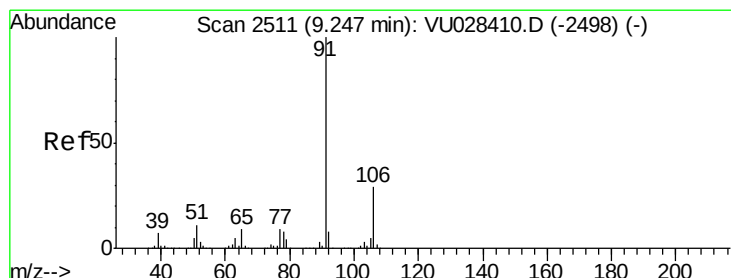
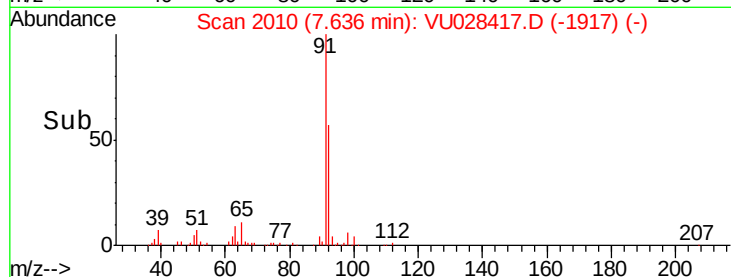
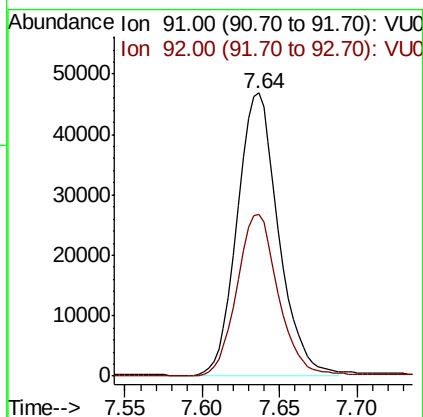
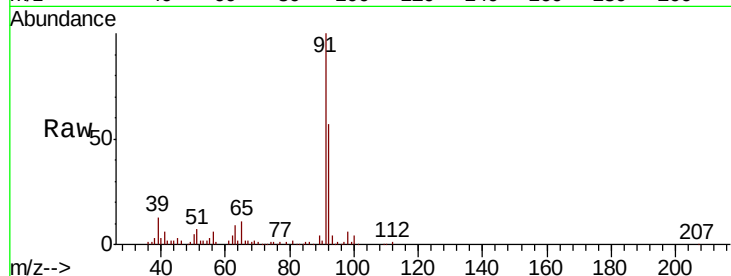
92 57.4 40.1 74.5

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#52

Ethylbenzene

Concen: 4.929 ug/L

RT: 9.25 min Scan# 2512

Delta R.T. 0.00 min

Lab File: VU028417.D

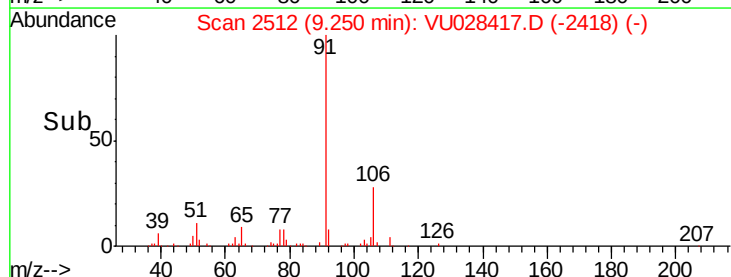
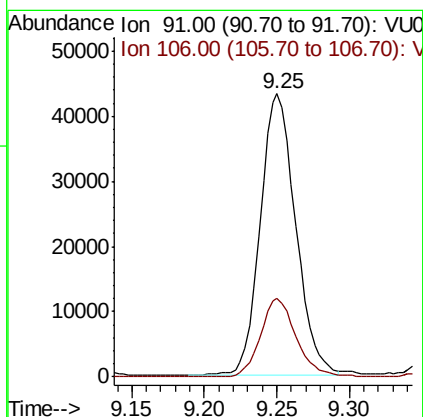
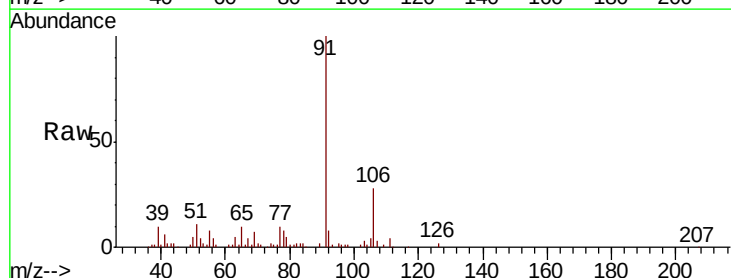
Acq: 30 Nov 2018 12:50

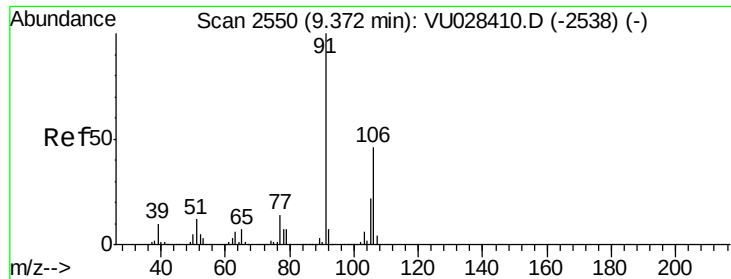
Tgt Ion: 91 Resp: 73742

Ion Ratio Lower Upper

91 100

106 27.8 20.2 37.6





#53

m,p-Xylene

Concen: 11.061 ug/L

RT: 9.38 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VU028417.D

Acq: 30 Nov 2018 12:50

Instrument :

MSVOA_U

ClientSampled :

F9Y41

Tot Ion:106 Resp: 59014

Ion Ratio Lower Upper

106 100

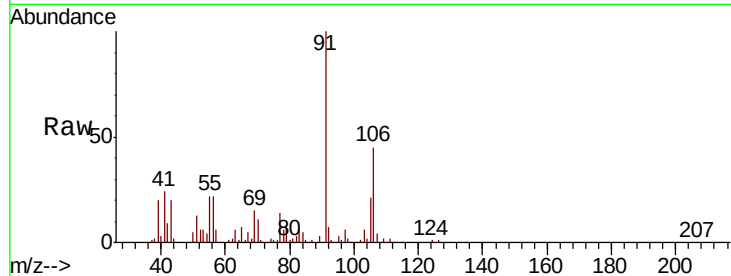
91 223.3 152.9 283.9

Manual Integrations

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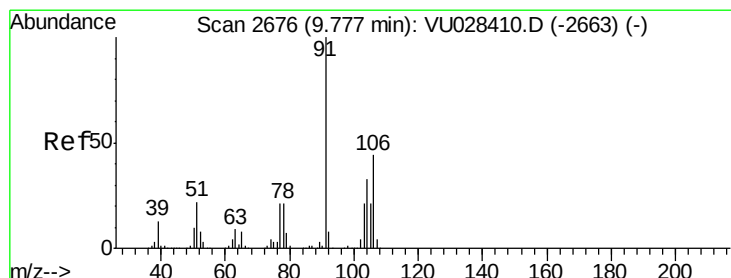
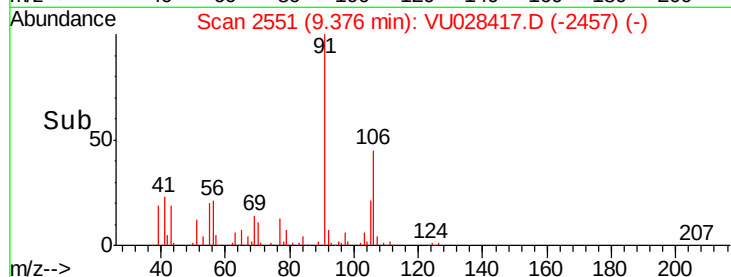
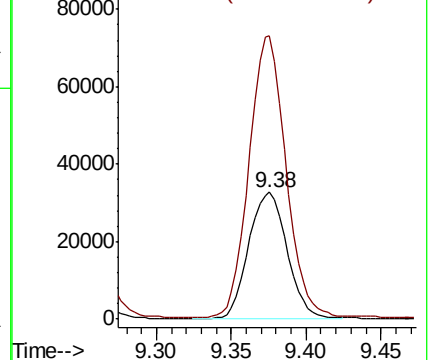
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12/3/2018 10:51:29 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 6.391 ug/L

RT: 9.78 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VU028417.D

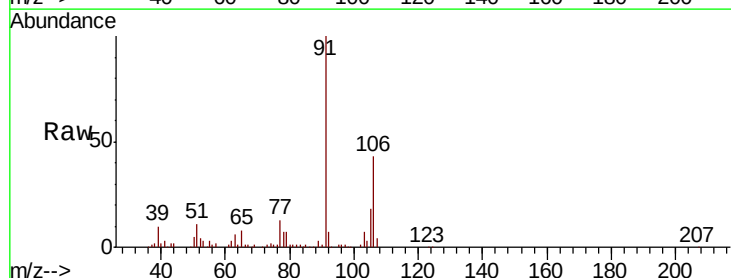
Acq: 30 Nov 2018 12:50

Tgt Ion:106 Resp: 33772

Ion Ratio Lower Upper

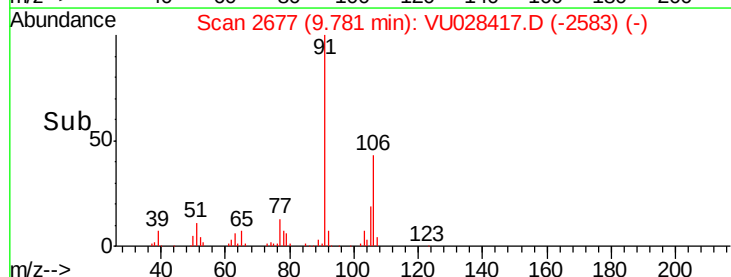
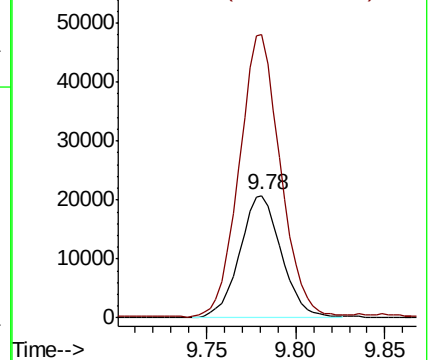
106 100

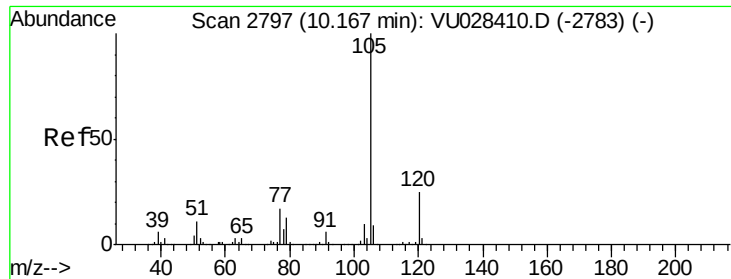
91 231.8 158.4 294.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#56

Isopropylbenzene

Concen: 0.979 ug/L

RT: 10.17 min Scan# 2798

Delta R.T. 0.00 min

Lab File: VU028417.D

Acq: 30 Nov 2018 12:50

Instrument :

MSVOA_U

ClientSampleId :

F9Y41

Tot Ion:	105	Resp:	13646
Ion Ratio	Lower	Upper	
105	100		
120	24.9	20.1	30.1
77	15.6	13.4	20.0

Manual Integrations
APPROVED

MMDadoda
12/3/2018 10:51:29 AM

