

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U113018\
 Data File : VU028418.D
 Acq On : 30 Nov 2018 13:13
 Operator : MD/SY
 Sample : J6077-05ME
 Misc : 5.35g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Y38ME

Manual Integrations
 APPROVED

MMDadoda
 12/3/2018 10:51:35 AM

Quant Time: Dec 03 10:56:26 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	515091	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	506625	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	255322	50.00	ug/L	0.00

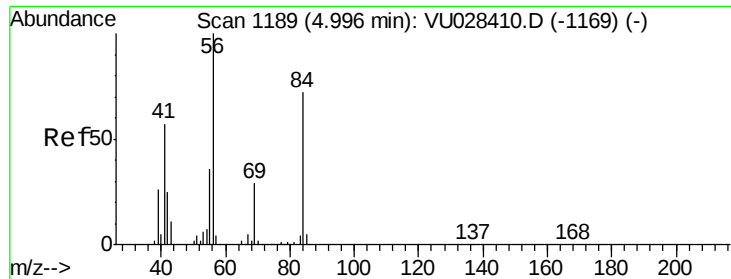
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	177520	38.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.04%
7) Chloroethane-d5	1.64	69	157984m	44.65	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.30%
11) 1,1-Dichloroethene-d2	2.24	63	246186	30.04	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.08%
21) 2-Butanone-d5	4.19	46	309766	81.90	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.90%
24) Chloroform-d	4.64	84	291876	39.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.52%
26) 1,2-Dichloroethane-d4	5.30	65	202996	40.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.20%
32) Benzene-d6	5.33	84	631048	40.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.02%
36) 1,2-Dichloropropane-d6	6.33	67	225116	39.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.12%
41) Toluene-d8	7.56	98	564542	39.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.00%#
43) trans-1,3-Dichloropropene-	7.85	79	104950	40.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.68%
47) 2-Hexanone-d5	8.32	63	235069	85.52	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	320674	44.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	223128	43.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.90%

Target Compounds

					Ovalue
29) Cyclohexane	4.98	56	22455	2.731 ug/L #	87
33) Benzene	5.38	78	207878	11.945 ug/L	100
35) Methylcyclohexane	6.41	83	43391	5.990 ug/L	93
42) Toluene	7.64	91	67723	3.824 ug/L	95
52) Ethylbenzene	9.25	91	36642	1.873 ug/L	99
53) m,p-Xylene	9.37	106	28209	4.043 ug/L	94
54) o-xylene	9.78	106	17279	2.500 ug/L	89

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



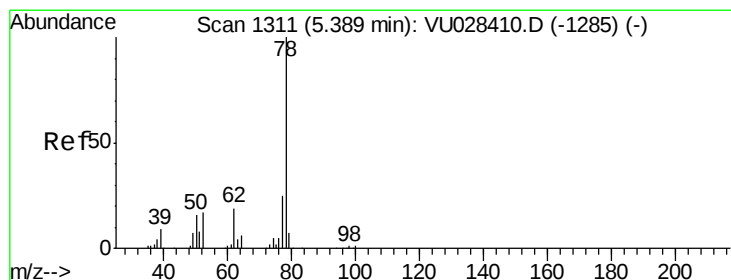
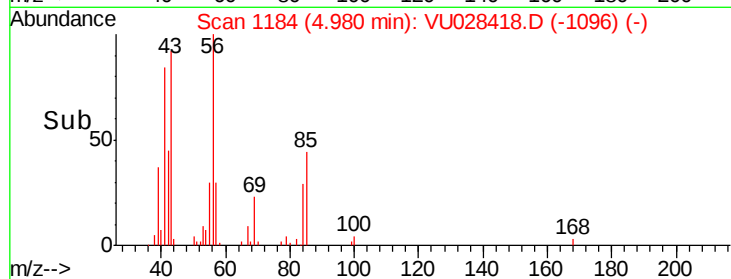
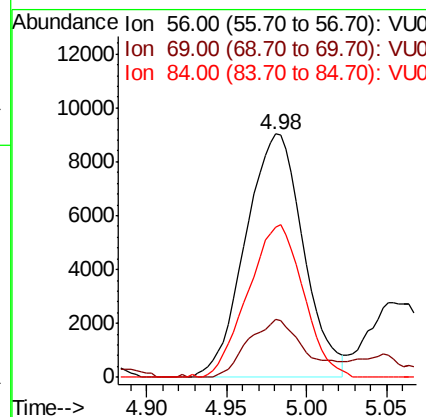
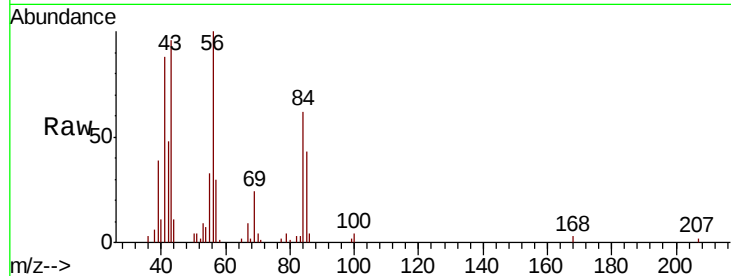
#29
Cyclohexane
Concen: 2.731 ug/L
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU028418.D
Acq: 30 Nov 2018 13:13

Instrument :
MSVOA_U
ClientSampleId :
F9Y38ME

Tot Ion	Ratio	Lower	Upper
56	100		
69	21.6	22.5	33.7#
84	60.1	56.6	85.0

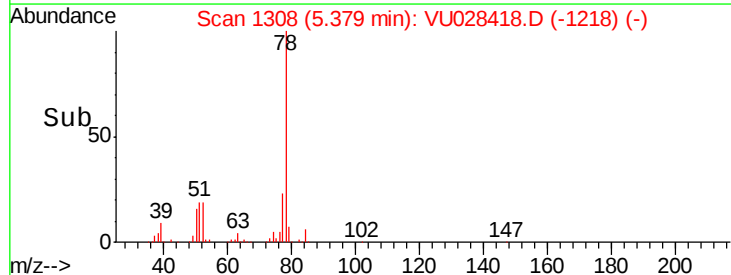
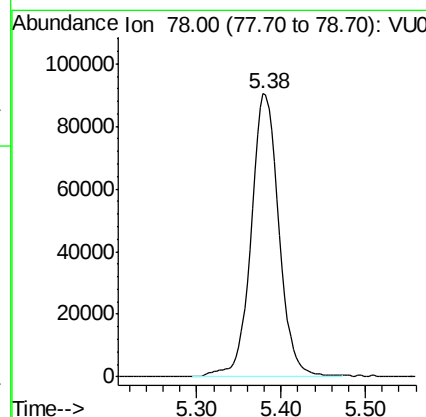
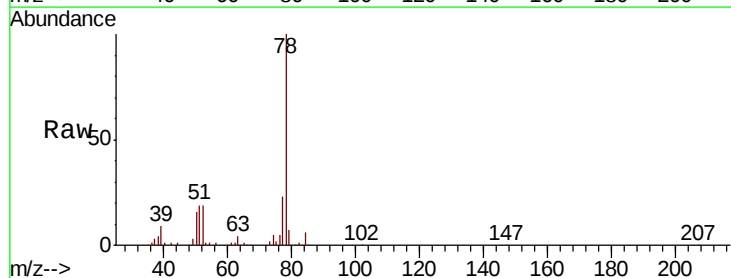
Manual Integrations
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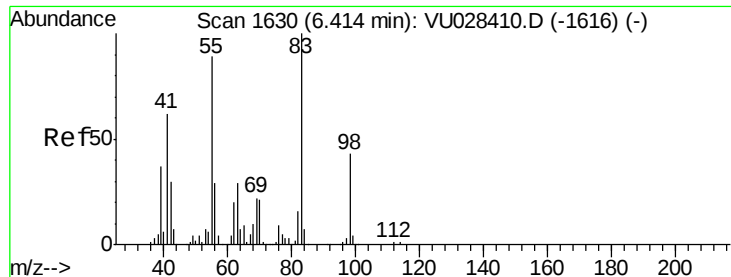
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#33
Benzene
Concen: 11.945 ug/L
RT: 5.38 min Scan# 1308
Delta R.T. -0.01 min
Lab File: VU028418.D
Acq: 30 Nov 2018 13:13

Tgt Ion: 78 Resp: 207878





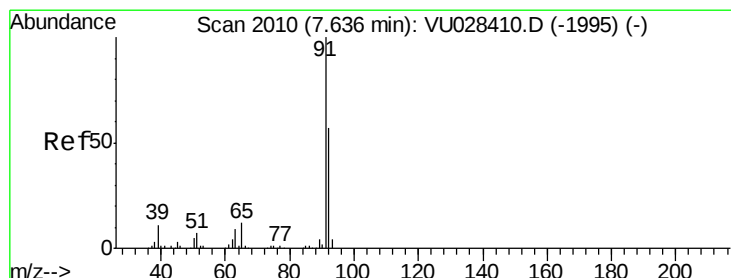
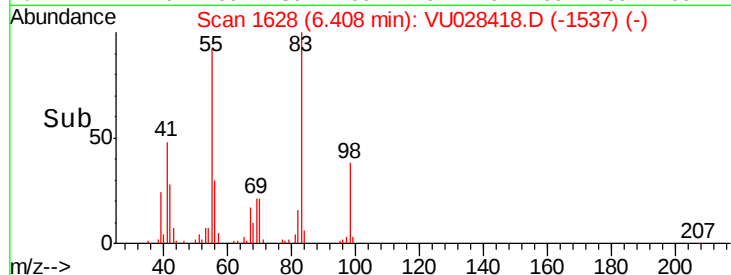
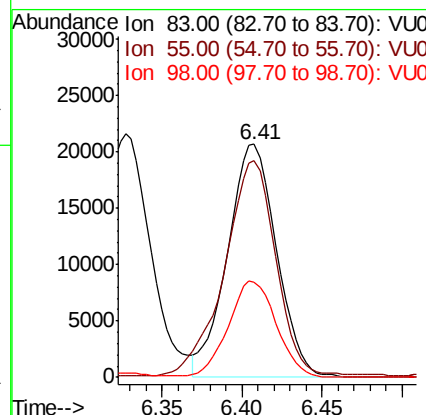
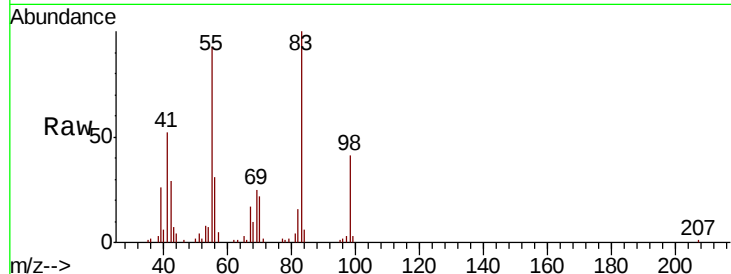
#35
Methvlcvclohexane
Concen: 5.990 ug/L
RT: 6.41 min Scan# 1628
Delta R.T. -0.01 min
Lab File: VU028418.D
Acq: 30 Nov 2018 13:13

Instrument :
MSVOA_U
ClientSampleId :
F9Y38ME

Tot Ion	Ratio	Lower	Upper
83	100		
55	96.1	70.5	105.7
98	40.4	34.6	52.0

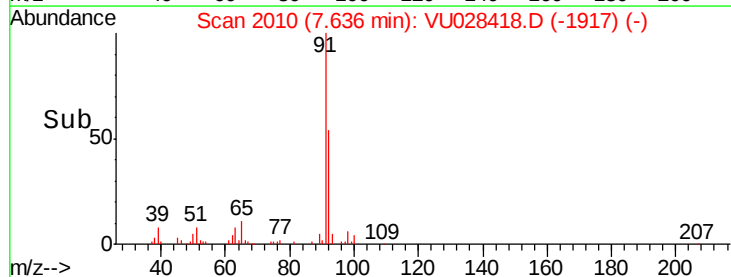
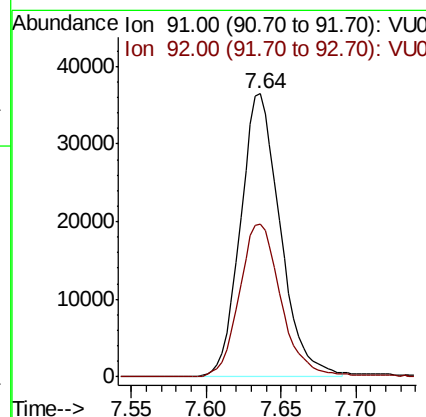
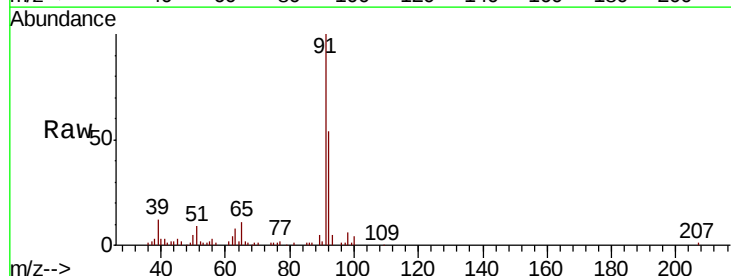
Manual Integrations
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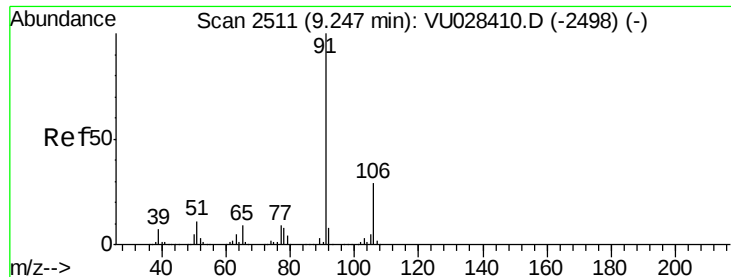
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#42
Toluene
Concen: 3.824 ug/L
RT: 7.64 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VU028418.D
Acq: 30 Nov 2018 13:13

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.0	40.1	74.5





#52

Ethylbenzene

Concen: 1.873 ug/L

RT: 9.25 min Scan# 2512

Delta R.T. 0.00 min

Lab File: VU028418.D

Acq: 30 Nov 2018 13:13

Instrument :

MSVOA_U

ClientSampleId :

F9Y38ME

Tot Ion: 91 Resp: 36642

Ion Ratio Lower Upper

91 100

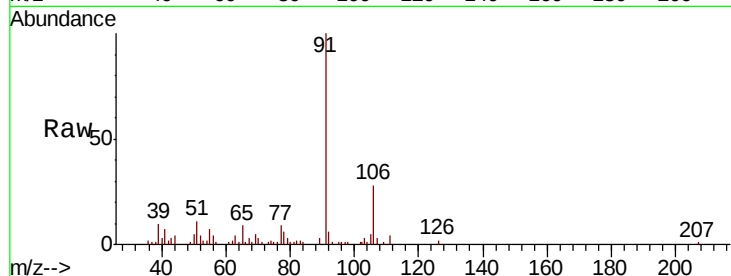
106 28.4 20.2 37.6

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VU028418.D (-2498) (-)

Ion 106.00 (105.70 to 106.70): VU028418.D (-2498) (-)

9.25

20000

15000

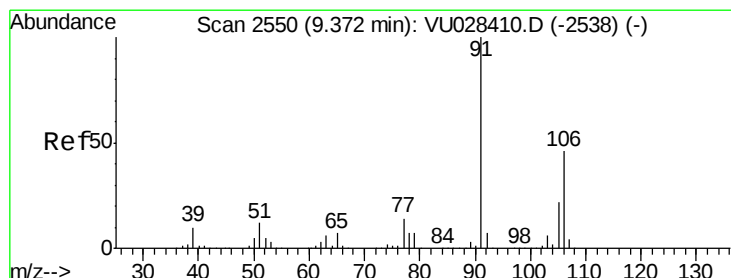
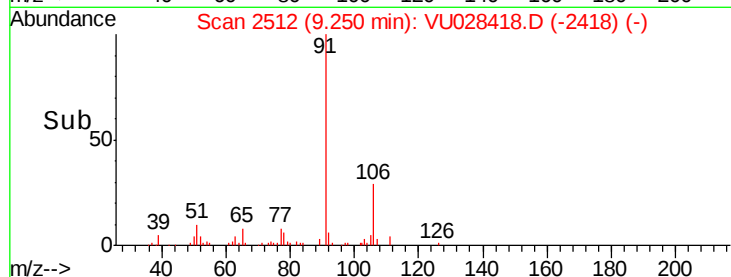
10000

5000

0

9.15 9.20 9.25 9.30

Time-->



#53

m,p-Xylene

Concen: 4.043 ug/L

RT: 9.37 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU028418.D

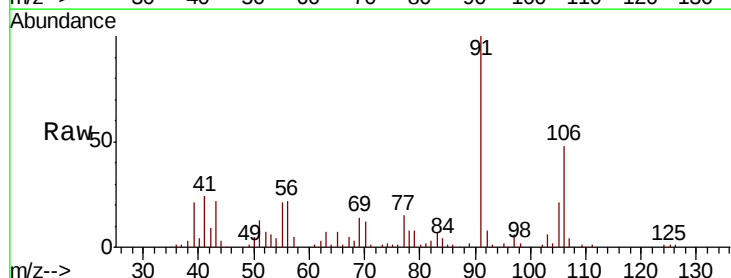
Acq: 30 Nov 2018 13:13

Tgt Ion: 106 Resp: 28209

Ion Ratio Lower Upper

106 100

91 209.1 152.9 283.9



Abundance Ion 106.00 (105.70 to 106.70): VU028418.D (-2538) (-)

Ion 91.00 (90.70 to 91.70): VU028418.D (-2538) (-)

9.37

30000

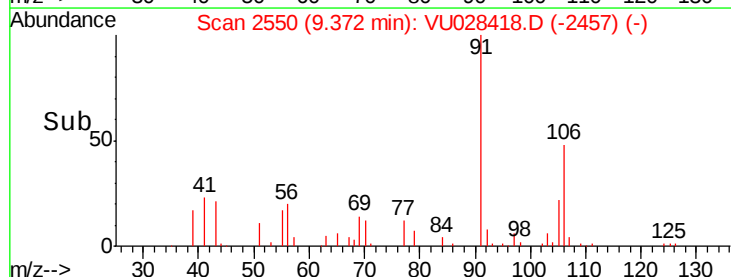
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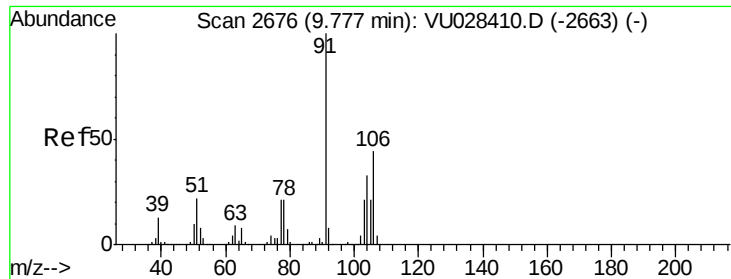
10000

0

9.30 9.35 9.40 9.45

Time-->





#54
o-xylene
Concen: 2.500 ug/L
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU028418.D
Acq: 30 Nov 2018 13:13

Instrument :
MSVOA_U
ClientSampleId :
F9Y38ME

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.9	158.4	294.2

Manual Integrations
APPROVED

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12/3/2018 10:51:35 AM

