

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U113018\
 Data File : VU028416.D
 Acq On : 30 Nov 2018 12:27
 Operator : MD/SY
 Sample : J6077-05
 Misc : 5.35u/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Y38

Manual Integrations
 APPROVED

MMDadoda
 12/3/2018 10:51:23 AM

Quant Time: Dec 01 04:23:40 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	202419	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	199492	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105817	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	357150	197.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	394.42%#
7) Chloroethane-d5	1.64	69	313810m	225.70	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	451.40%#
11) 1,1-Dichloroethene-d2	2.24	63	484754	150.52	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	301.04%#
21) 2-Butanone-d5	4.19	46	609879	410.33	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	410.33%#
24) Chloroform-d	4.64	84	582330	199.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	398.66%#
26) 1,2-Dichloroethane-d4	5.30	65	404270	203.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	406.40%#
32) Benzene-d6	5.33	84	1245589	200.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	401.10%#
36) 1,2-Dichloropropane-d6	6.32	67	452900	202.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	404.26%#
41) Toluene-d8	7.56	98	1107215	196.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	393.46%#
43) trans-1,3-Dichloropropene-	7.85	79	208263	205.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	411.66%#
47) 2-Hexanone-d5	8.32	63	465352	429.96	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	429.96%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	643257	224.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	449.12%#
64) 1,2-Dichlorobenzene-d4	11.86	152	439133	206.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	412.70%#

Target Compounds

					Ovalue
13) Acetone	2.34	43	3572	2.310 ug/L	67
14) Carbon disulfide	2.44	76	5258	1.087 ug/L	96
29) Cyclohexane	4.98	56	20359	6.288 ug/L	90
33) Benzene	5.38	78	201917	29.465 ug/L	100
35) Methylcyclohexane	6.40	83	40276	14.120 ug/L	93
42) Toluene	7.64	91	64778	9.288 ug/L	99
52) Ethylbenzene	9.25	91	32086	4.165 ug/L	98
53) m,p-Xylene	9.38	106	25866	9.414 ug/L	89
54) o-xylene	9.78	106	15543	5.711 ug/L	95
56) Isopropylbenzene	10.17	105	6000	0.836 ug/L #	94

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

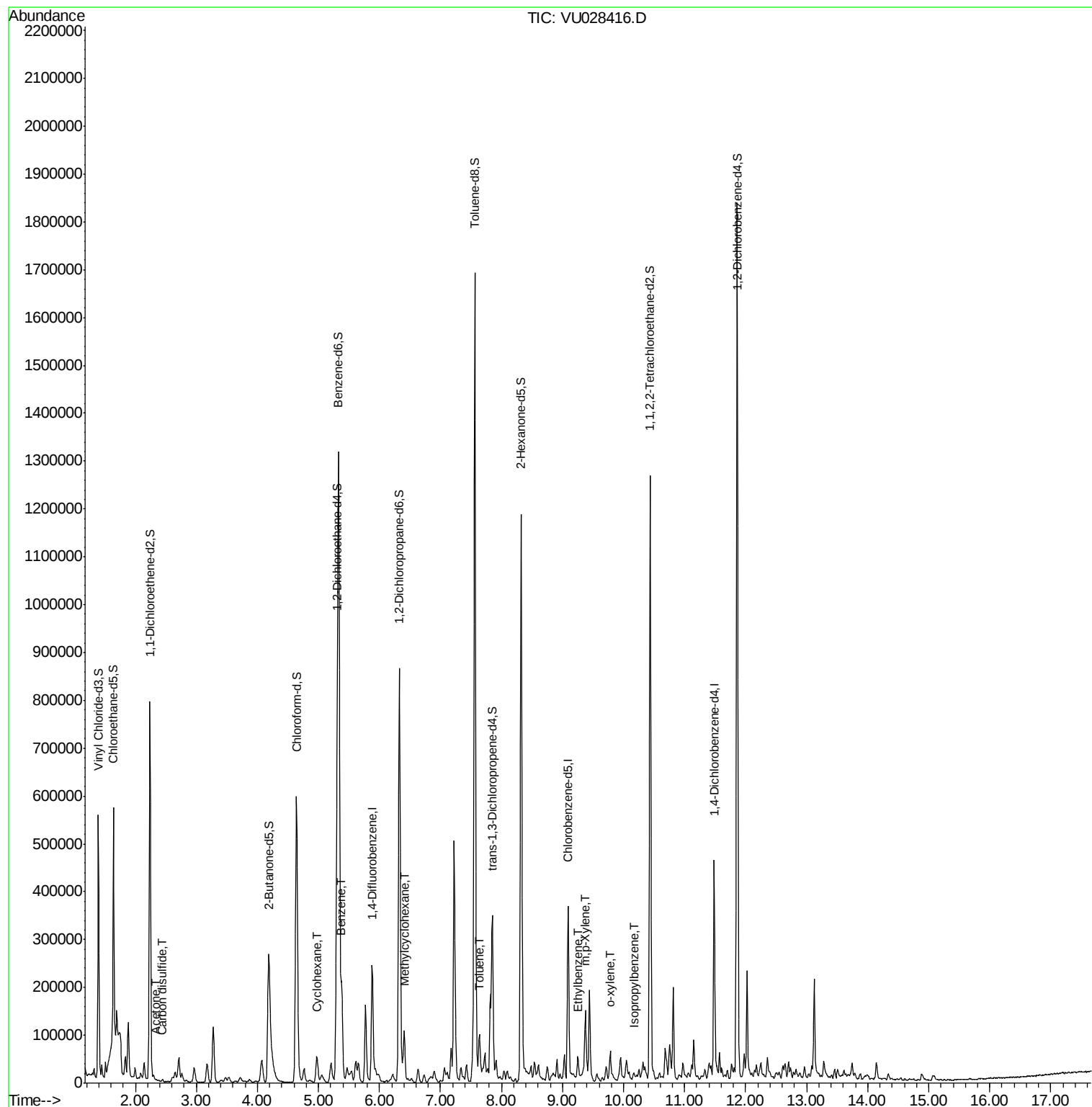
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU113018\
Data File : VU028416.D
Acq On : 30 Nov 2018 12:27
Operator : MD/SY
Sample : J6077-05
Misc : 5.35g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

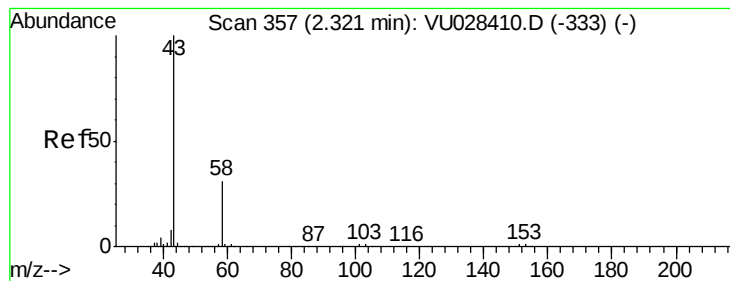
Instrument :
MSVOA_U
ClientSampleId :
F9Y38

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Quant Time: Dec 01 04:23:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM113018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 30 23:11:27 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.310 ug/L

RT: 2.34 min Scan# 363

Delta R.T. 0.02 min

Lab File: VU028416.D

Acq: 30 Nov 2018 12:27

Instrument :

MSVOA_U

ClientSampleId :

F9Y38

Tot Ion: 43 Resp: 3572

Ion Ratio Lower Upper

43 100

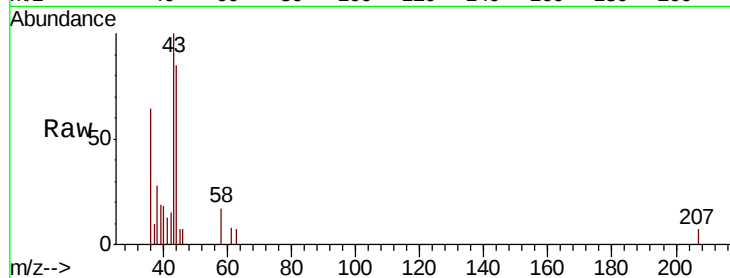
58 13.0 0.0 63.0

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Abundance Ion 43.00 (42.70 to 43.70): VU028410.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VU028410.D (-333) (-)

2.34

2000

1500

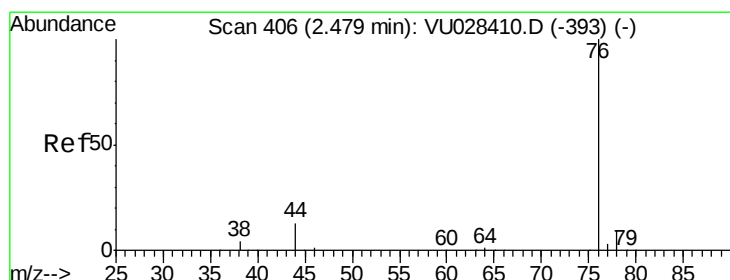
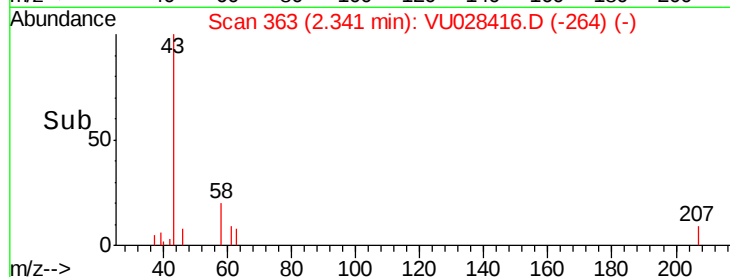
1000

500

0

2.30 2.35 2.40

Time-->



#14

Carbon disulfide

Concen: 1.087 ug/L

RT: 2.44 min Scan# 395

Delta R.T. -0.04 min

Lab File: VU028416.D

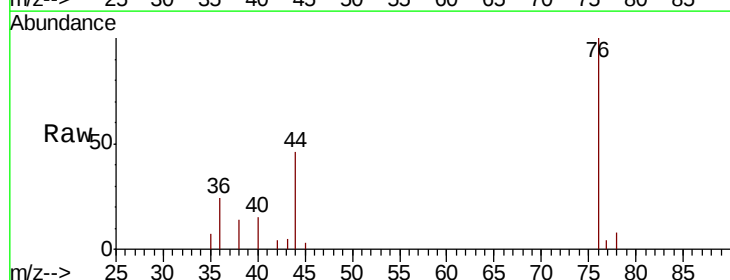
Acq: 30 Nov 2018 12:27

Tgt Ion: 76 Resp: 5258

Ion Ratio Lower Upper

76 100

78 7.7 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VU028410.D (-393) (-)

Ion 78.00 (77.70 to 78.70): VU028410.D (-393) (-)

2.44

3000

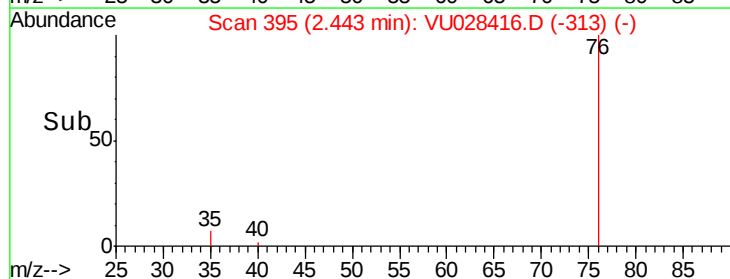
2000

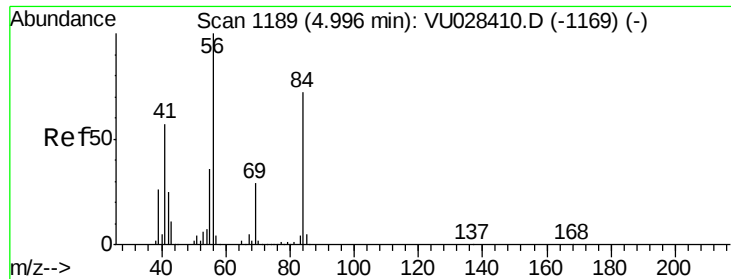
1000

0

2.40 2.45

Time-->





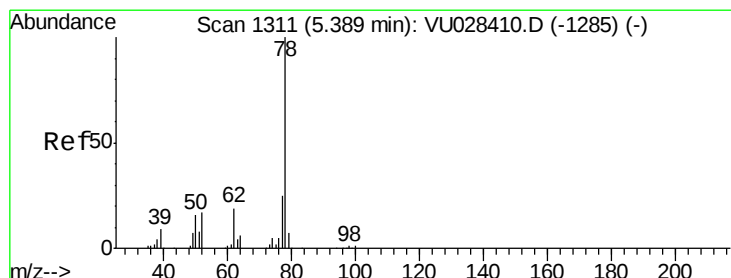
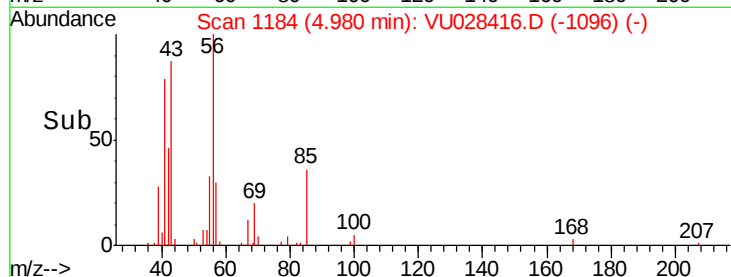
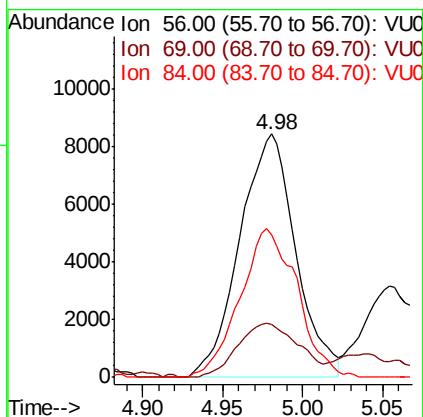
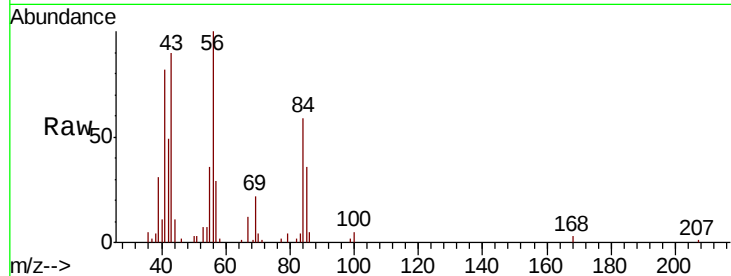
#29
Cyclohexane
Concen: 6.288 ug/L
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU028416.D
Acq: 30 Nov 2018 12:27

Instrument :
MSVOA_U
ClientSampleId :
F9Y38

Tot Ion	Ratio	Lower	Upper
56	100		
69	24.0	22.5	33.7
84	62.1	56.6	85.0

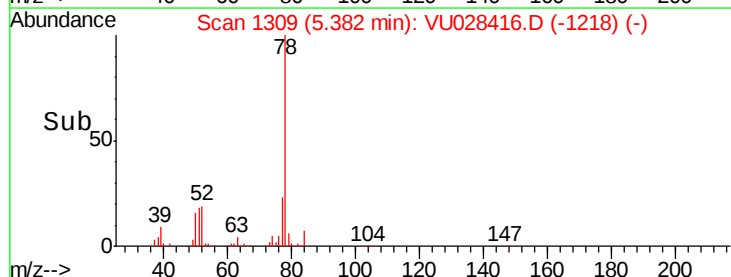
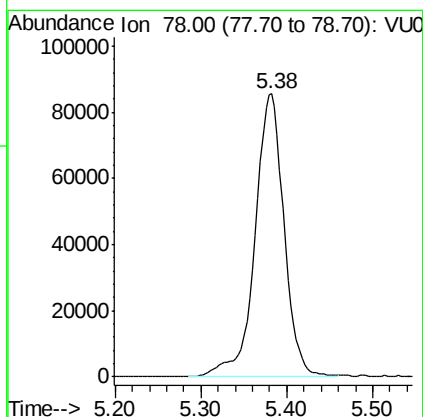
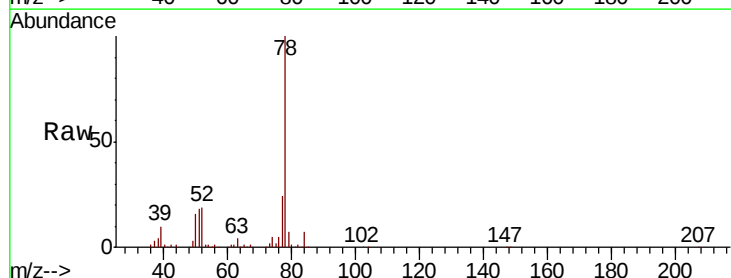
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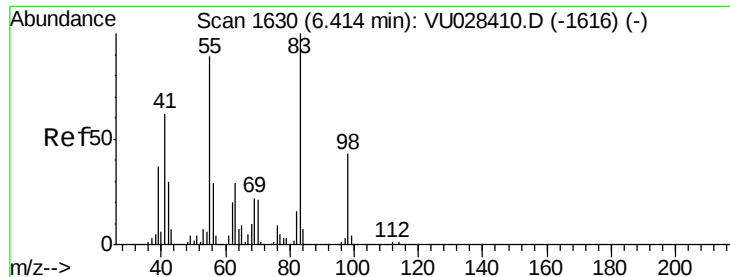
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#33
Benzene
Concen: 29.465 ug/L
RT: 5.38 min Scan# 1309
Delta R.T. -0.01 min
Lab File: VU028416.D
Acq: 30 Nov 2018 12:27

Tgt Ion: 78 Resp: 201917





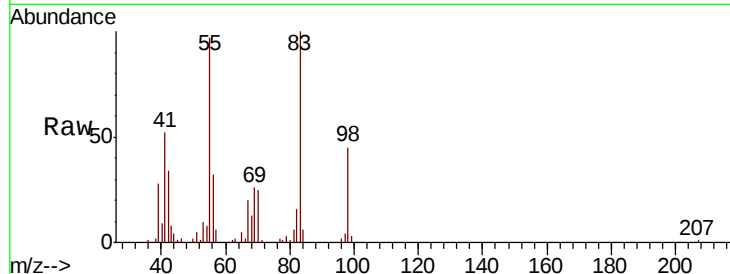
#35
Methvlcvclohexane
Concen: 14.120 ug/L
RT: 6.40 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VU028416.D
Acq: 30 Nov 2018 12:27

Instrument :
MSVOA_U
ClientSampleId :
F9Y38

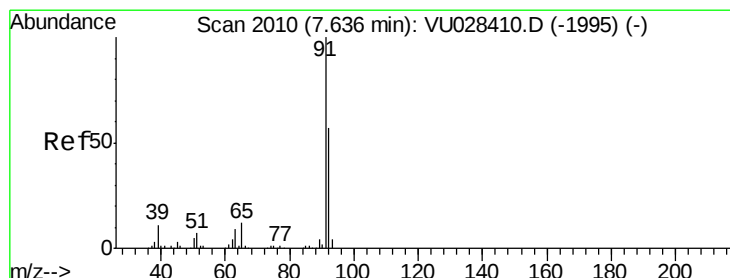
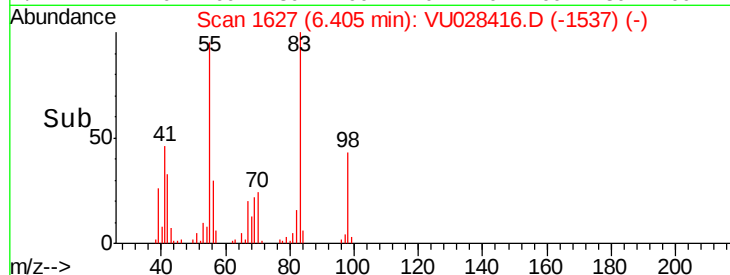
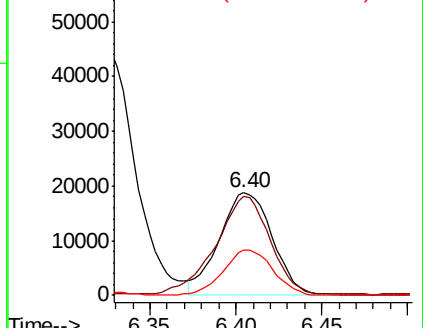
Tot Ion: 83 Resp: 40276
Ion Ratio Lower Upper
83 100
55 97.1 70.5 105.7
98 41.5 34.6 52.0

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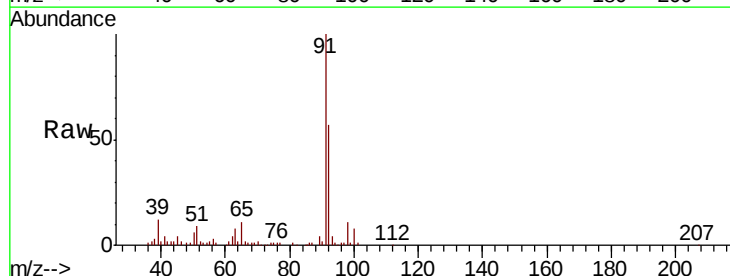


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

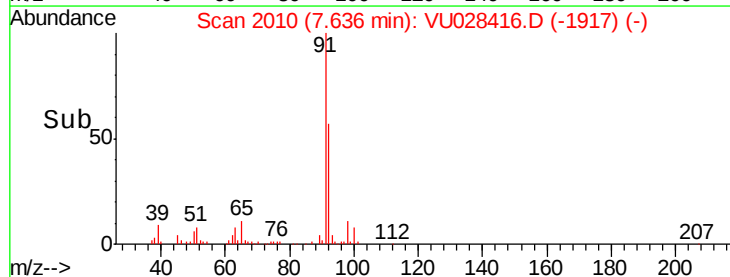
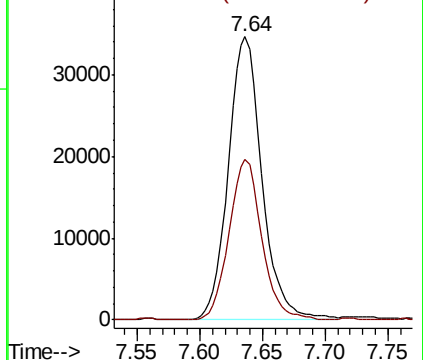


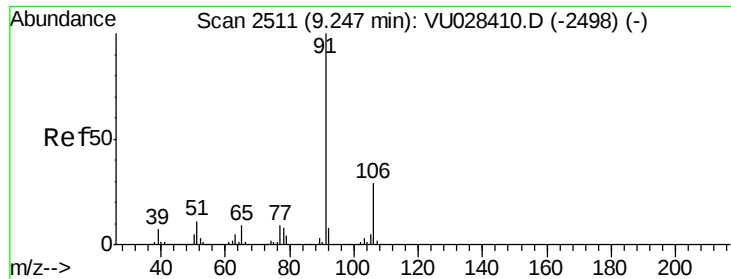
#42
Toluene
Concen: 9.288 ug/L
RT: 7.64 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VU028416.D
Acq: 30 Nov 2018 12:27

Tgt Ion: 91 Resp: 64778
Ion Ratio Lower Upper
91 100
92 56.6 40.1 74.5



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 92.00 (91.70 to 92.70): VU0





#52

Ethylbenzene

Concen: 4.165 ug/L

RT: 9.25 min Scan# 2512

Delta R.T. 0.00 min

Lab File: VU028416.D

Acq: 30 Nov 2018 12:27

Instrument :

MSVOA_U

ClientSampleId :

F9Y38

Tot Ion: 91 Resp: 32086

Ion Ratio Lower Upper

91 100

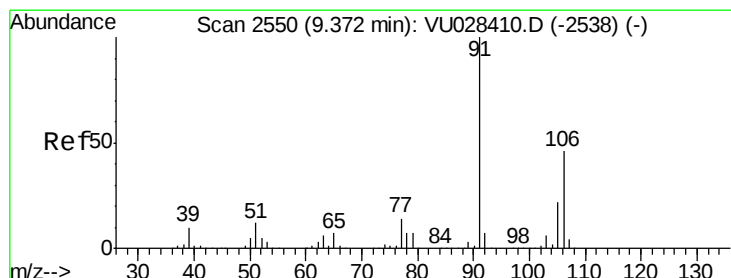
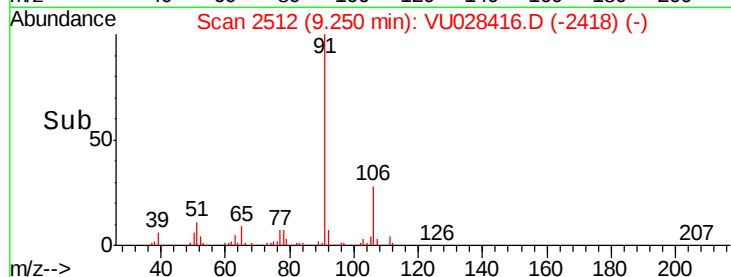
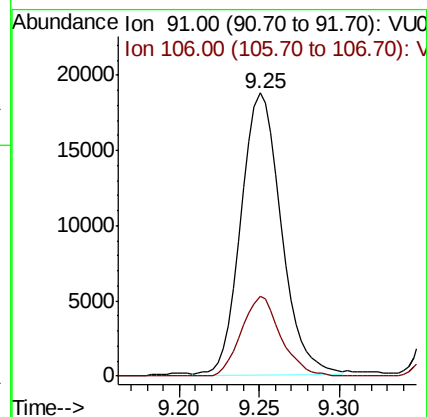
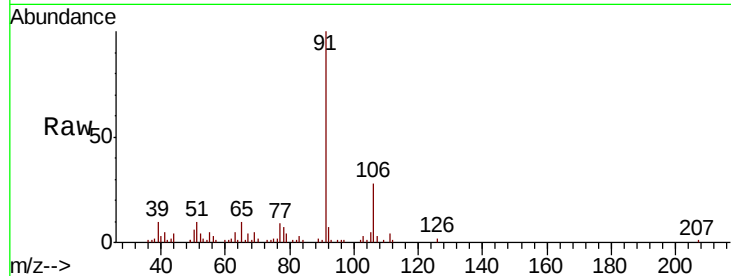
106 28.1 20.2 37.6

Manual Integrations

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#53

m,p-Xylene

Concen: 9.414 ug/L

RT: 9.38 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VU028416.D

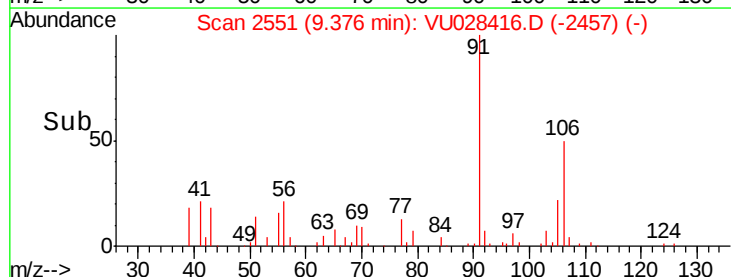
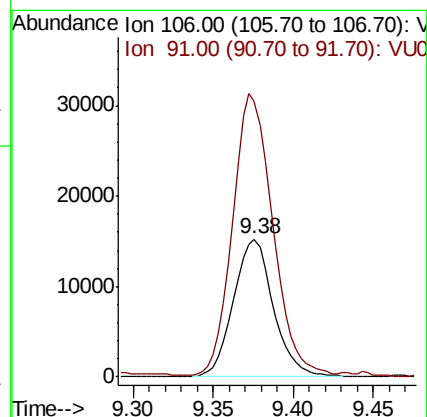
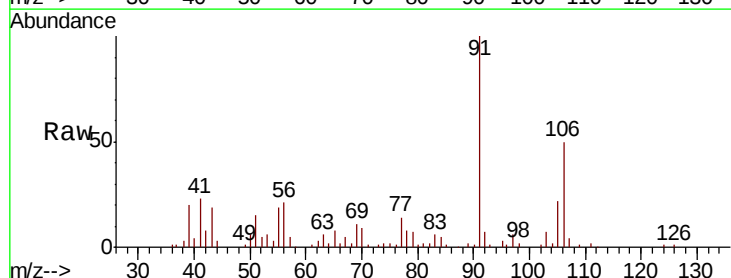
Acq: 30 Nov 2018 12:27

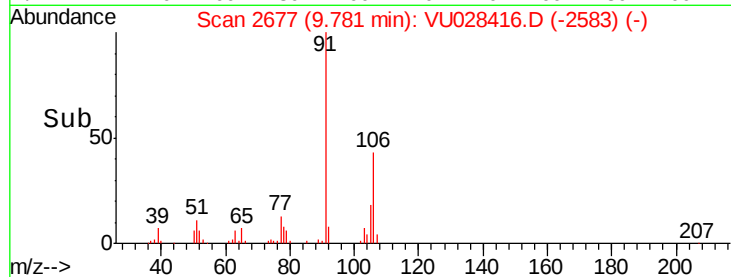
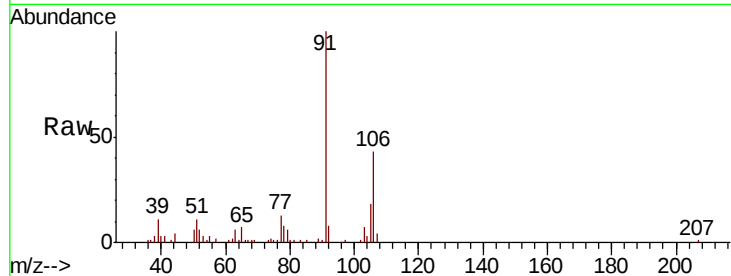
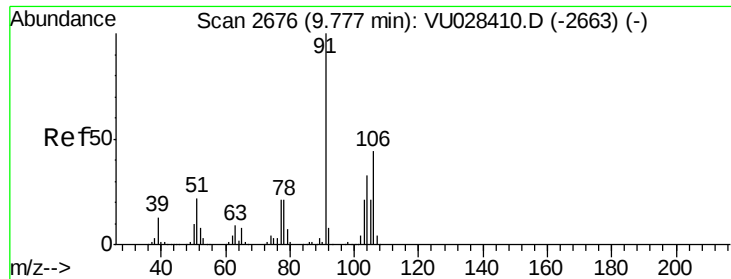
Tgt Ion: 106 Resp: 25866

Ion Ratio Lower Upper

106 100

91 200.4 152.9 283.9





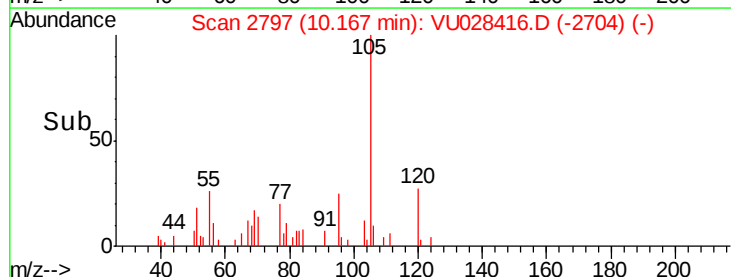
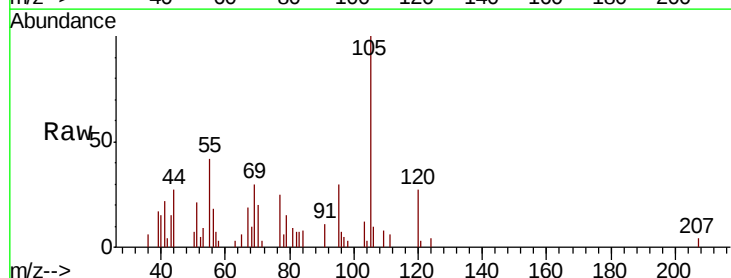
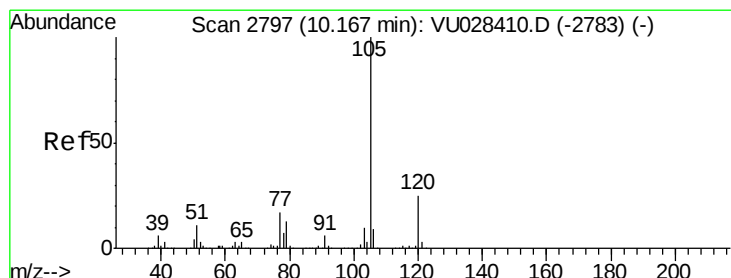
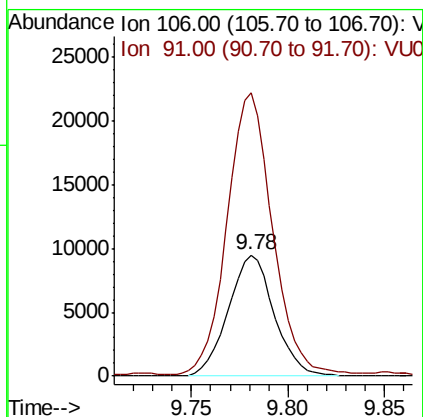
#54
o-xylene
Concen: 5.711 ug/L
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU028416.D
Acq: 30 Nov 2018 12:27

Tot Ion:106 Resp: 15543
Ion Ratio Lower Upper
106 100
91 233.9 158.4 294.2

Instrument :
MSVOA_U
ClientSampled :
F9Y38

Manual Integrations
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12/3/2018 10:51:23 AM



#56
Isopropylbenzene
Concen: 0.836 ug/L
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU028416.D
Acq: 30 Nov 2018 12:27

Tgt Ion:105 Resp: 6000
Ion Ratio Lower Upper
105 100
120 24.9 20.1 30.1
77 10.6 13.4 20.0#

