

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
 Data File : VU032354.D
 Acq On : 29 May 2019 12:26
 Operator : JC/SP
 Sample : K3045-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C47

Manual Integrations
 APPROVED

MMDadoda
 5/30/2019 10:55:21 AM

Quant Time: May 30 07:09:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 30 05:34:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	406019	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	408564	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	210890	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	132459	5.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.20%
7) Chloroethane-d5	1.68	69	113009	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.27	63	190983	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.80%
20) 2-Butanone-d5	4.19	46	326108	50.70	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.40%
24) Chloroform-d	4.64	84	244490	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	5.31	65	122091	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
32) Benzene-d6	5.33	84	531603	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.33	67	157381	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.60%
41) Toluene-d8	7.56	98	510452	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.85	79	57238	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.31	63	269131	49.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	128593	3.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	68.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	209321	3.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	72.00%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.33	50	4314	0.248	ug/L	98
14) Carbon disulfide	2.47	76	7265	0.162	ug/L #	92
30) Cyclohexane	4.98	56	44619m	2.251	ug/L	
33) Benzene	5.38	78	1091784	19.755	ug/L	100
42) Toluene	7.64	91	8308	0.141	ug/L	94
52) Ethylbenzene	9.24	91	1290010	21.824	ug/L	98
53) m,p-Xylene	9.38	106	26616	1.211	ug/L	86
56) Isopropylbenzene	10.16	105	334683	6.027	ug/L	99

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

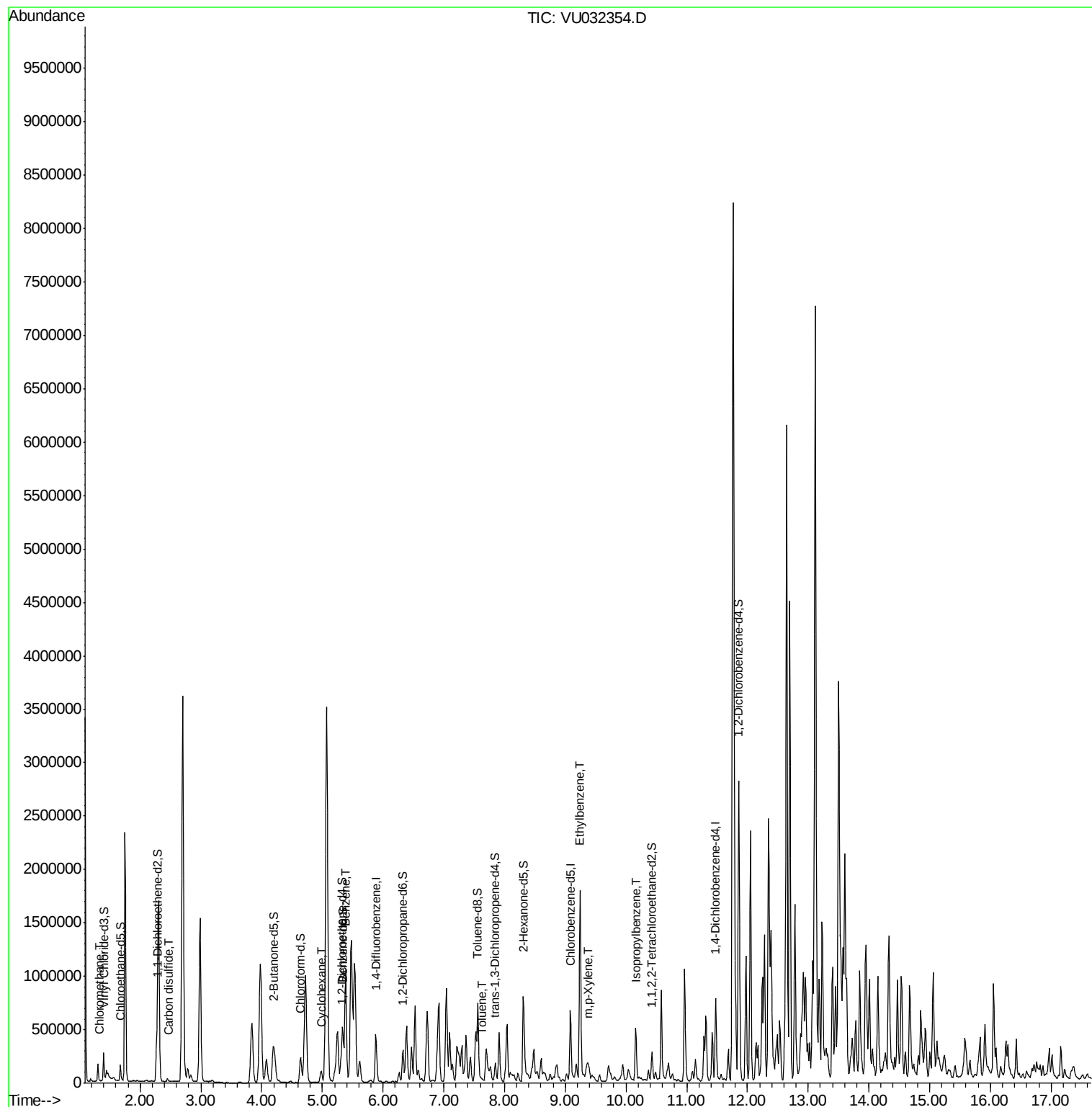
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032354.D
Acq On : 29 May 2019 12:26
Operator : JC/SP
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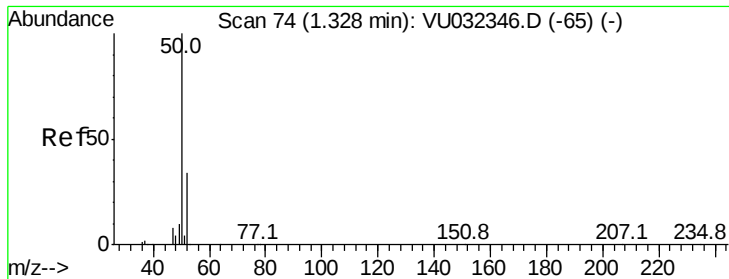
Instrument :
MSVOA_U
ClientSampleId :
C0C47

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Quant Time: May 30 07:09:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 30 05:34:28 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.248 ug/L

RT: 1.33 min Scan# 75

Delta R.T. 0.00 min

Lab File: VU032354.D

Acq: 29 May 2019 12:26

Instrument :

MSVOA_U

ClientSampled :

C0C47

Tot Ion: 50 Resp: 4314

Ion Ratio Lower Upper

50 100

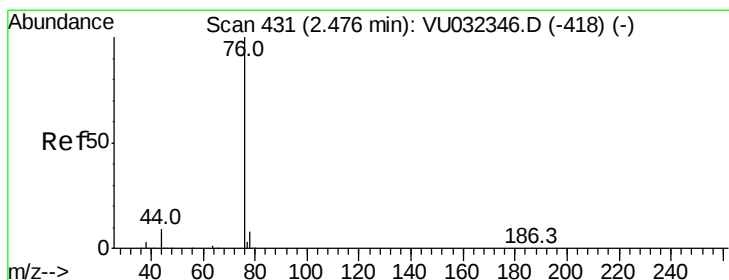
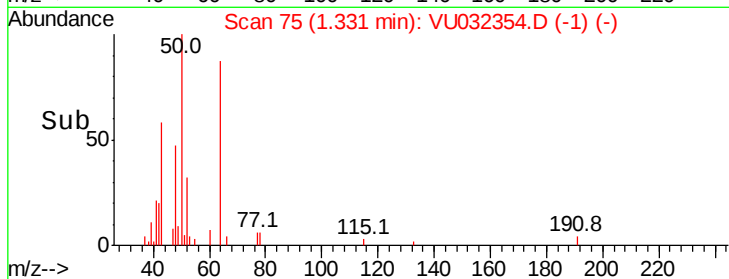
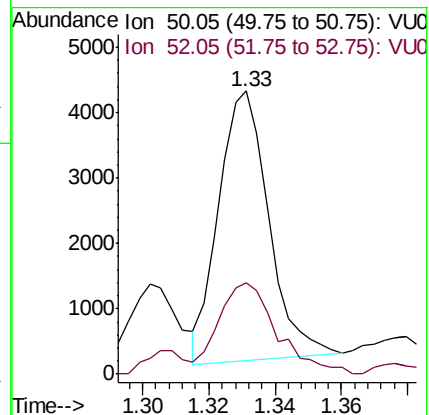
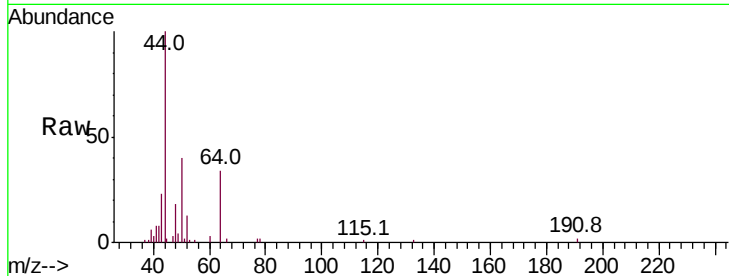
52 32.2 23.3 43.3

Manual Integrations

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#14

Carbon disulfide

Concen: 0.162 ug/L

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VU032354.D

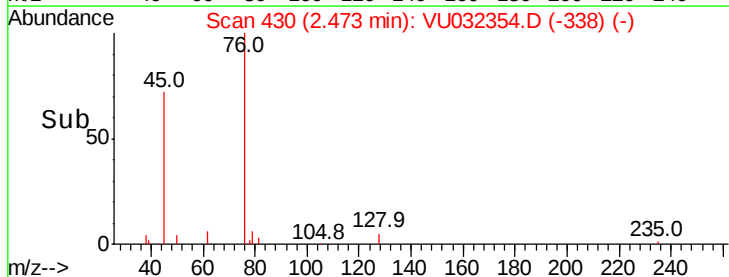
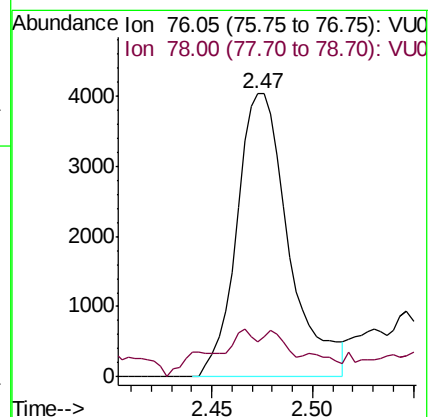
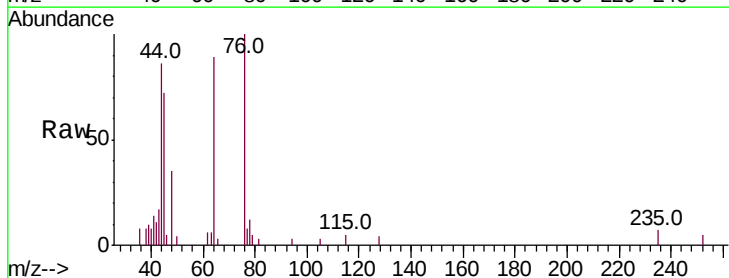
Acq: 29 May 2019 12:26

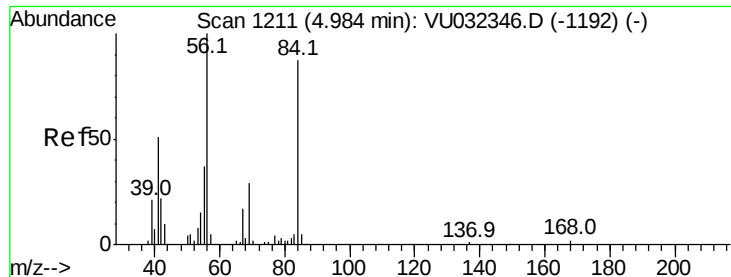
Tgt Ion: 76 Resp: 7265

Ion Ratio Lower Upper

76 100

78 12.2 7.5 11.3#





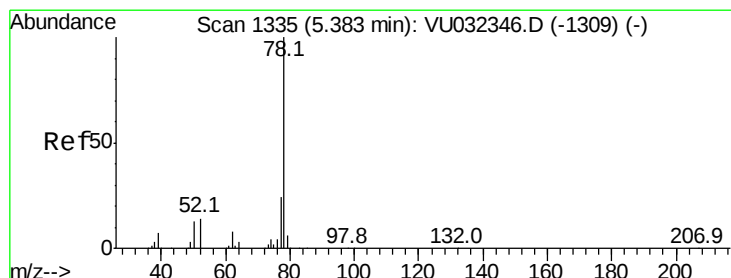
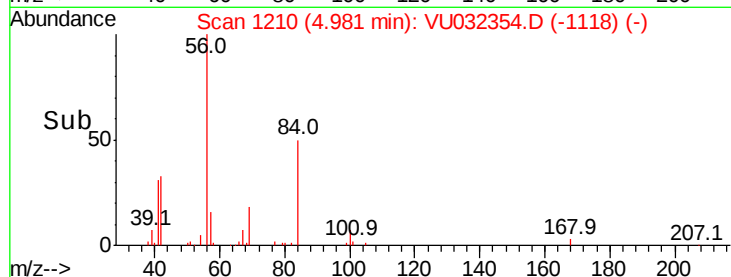
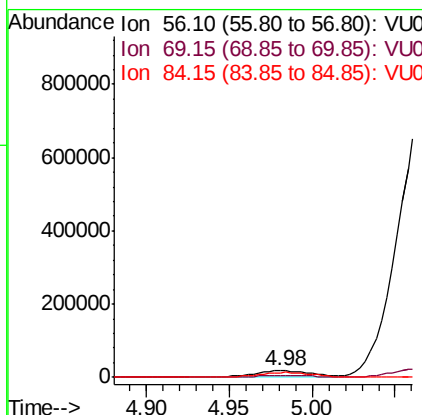
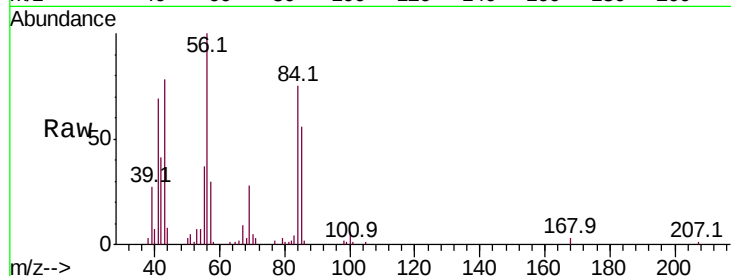
#30
Cyclohexane
Concen: 2.251 ug/L m
RT: 4.98 min Scan# 1210
Delta R.T. -0.00 min
Lab File: VU032354.D
Acq: 29 May 2019 12:26

Instrument :
MSVOA_U
ClientSampleId :
C0C47

Tot Ion	Ratio	Lower	Upper
56	100		
69	133.0	26.6	39.8#
84	14.8	75.0	112.6#

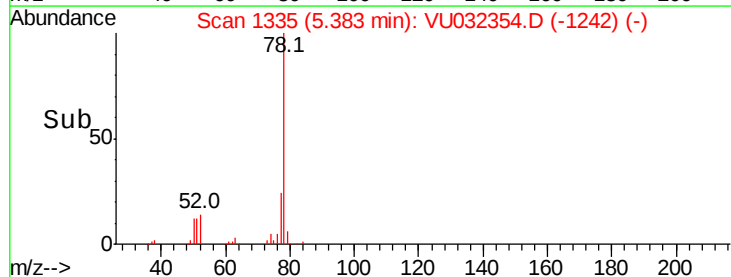
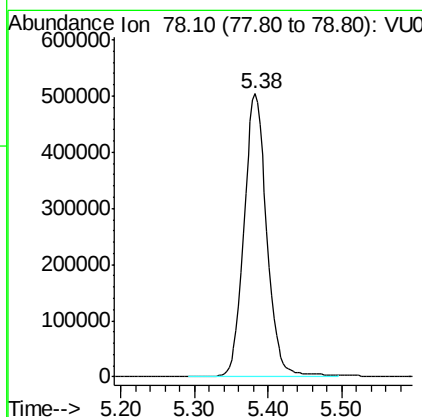
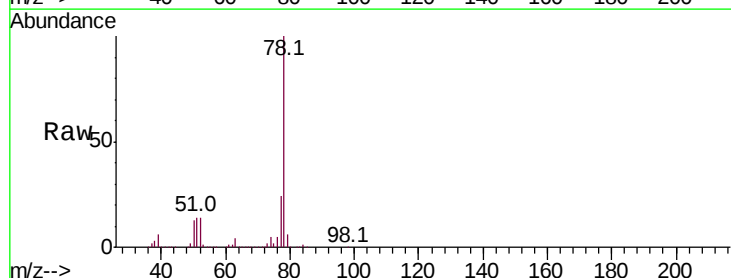
Manual Integrations
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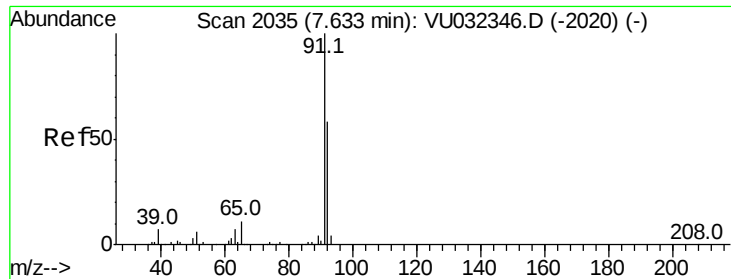
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#33
Benzene
Concen: 19.755 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU032354.D
Acq: 29 May 2019 12:26

Tgt Ion: 78 Resp: 1091784





#42

Toluene

Concen: 0.141 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU032354.D

Acq: 29 May 2019 12:26

Instrument :

MSVOA_U

ClientSampled :

C0C47

Tot Ion: 91 Resp: 8308

Ion Ratio Lower Upper

91 100

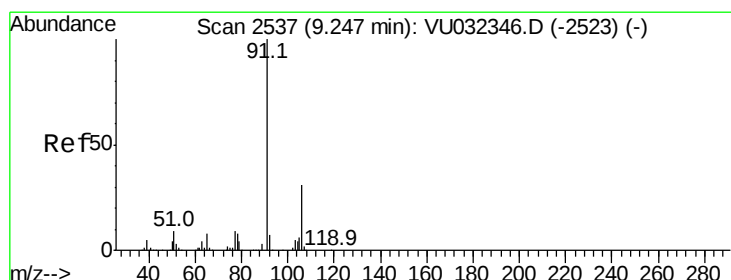
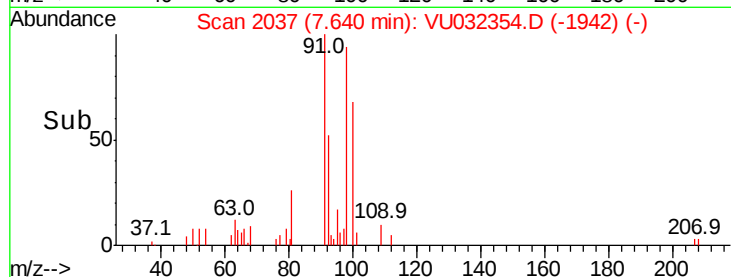
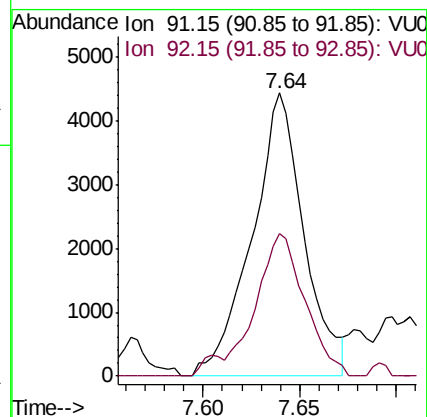
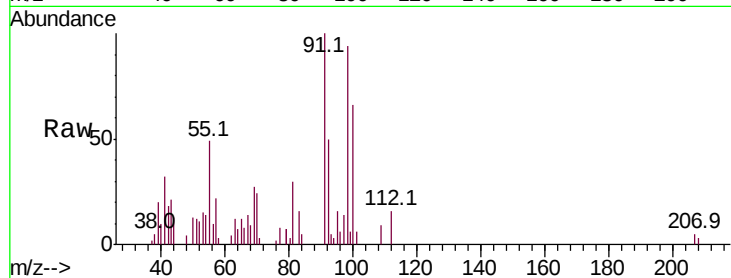
92 50.3 38.5 71.5

Manual Integrations

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5/30/2019 10:55:21 AM



#52

Ethylbenzene

Concen: 21.824 ug/L

RT: 9.24 min Scan# 2536

Delta R.T. -0.00 min

Lab File: VU032354.D

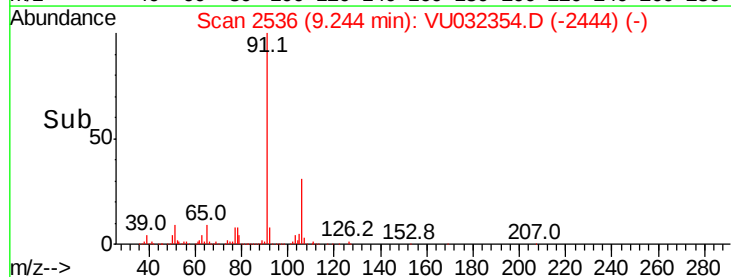
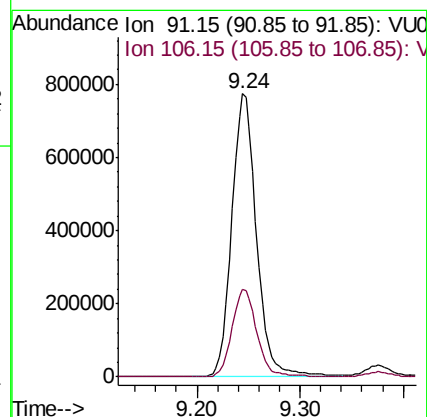
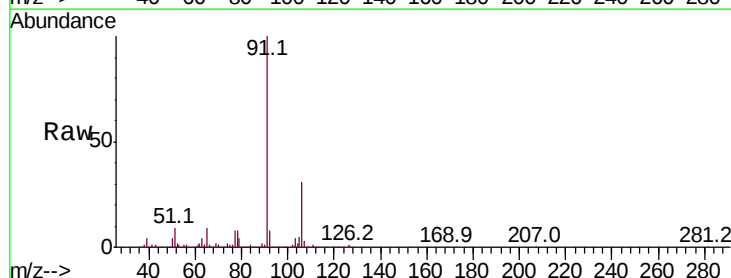
Acq: 29 May 2019 12:26

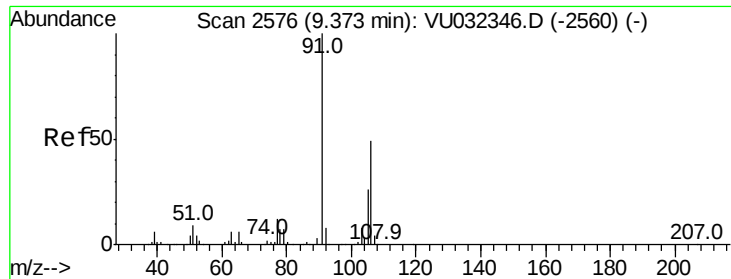
Tgt Ion: 91 Resp: 1290010

Ion Ratio Lower Upper

91 100

106 31.0 20.9 38.9





#53

m,p-Xylene

Concen: 1.211 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VU032354.D

Acq: 29 May 2019 12:26

Instrument :

MSVOA_U

ClientSampleId :

C0C47

Tot Ion:106 Resp: 26616

Ion Ratio Lower Upper

106 100

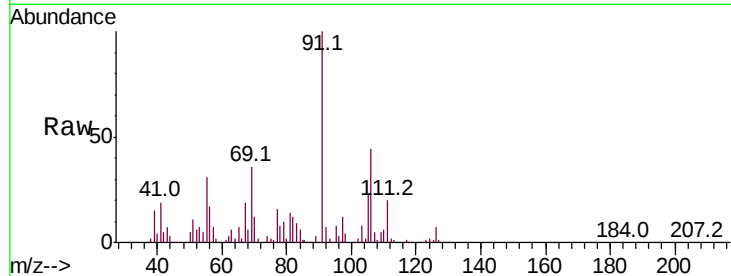
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Manual Integrations

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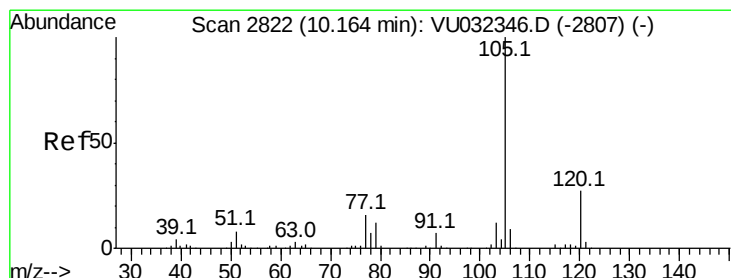
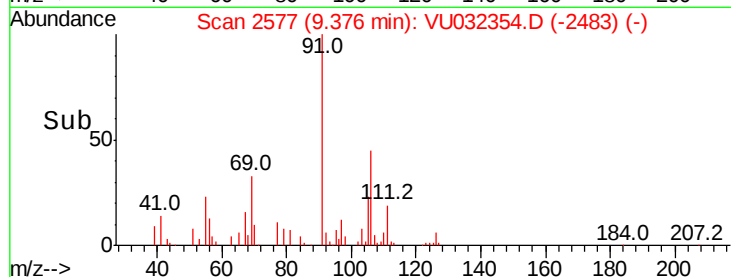
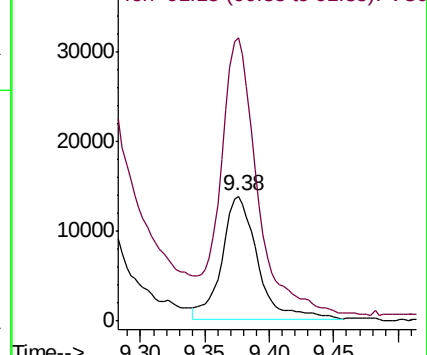
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Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#56

Isopropylbenzene

Concen: 6.027 ug/L

RT: 10.16 min Scan# 2821

Delta R.T. -0.00 min

Lab File: VU032354.D

Acq: 29 May 2019 12:26

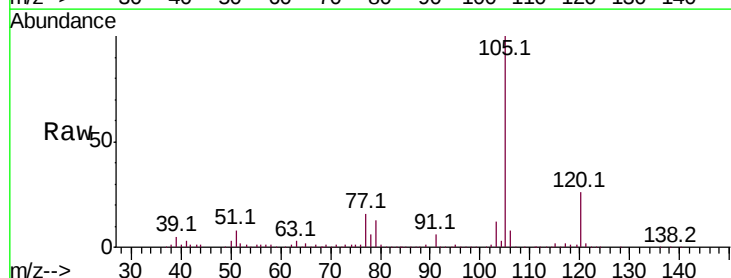
Tgt Ion:105 Resp: 334683

Ion Ratio Lower Upper

105 100

120 26.1 21.0 31.6

77 15.5 11.9 17.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0

