

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052919\
 Data File : VU032353.D
 Acq On : 29 May 2019 12:01
 Operator : JC/SP
 Sample : K3045-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C46

Manual Integrations
 APPROVED

MMDadoda
 5/30/2019 10:55:16 AM

Quant Time: May 30 06:49:05 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	383053	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	389127	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	203007	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	126563	5.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.60%
7) Chloroethane-d5	1.68	69	108375	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.27	63	179490	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.60%
20) 2-Butanone-d5	4.19	46	300059	49.45	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.90%
24) Chloroform-d	4.64	84	230788	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	5.31	65	115884	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
32) Benzene-d6	5.33	84	500488	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.32	67	146841	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.80%
41) Toluene-d8	7.56	98	492699	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.85	79	55000	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.31	63	246432	47.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	118652	3.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	66.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	194910	3.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	69.60%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.33	50	3633	0.221	ug/L	87
14) Carbon disulfide	2.48	76	7773m	0.184	ug/L	
30) Cyclohexane	4.98	56	44642m	2.364	ug/L	
33) Benzene	5.38	78	1051166	19.970	ug/L	100
42) Toluene	7.64	91	8510	0.152	ug/L	97
52) Ethylbenzene	9.24	91	1287885	22.876	ug/L	98
53) m,p-Xylene	9.38	106	30009	1.433	ug/L	97
56) Isopropylbenzene	10.16	105	324571	6.137	ug/L	99

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

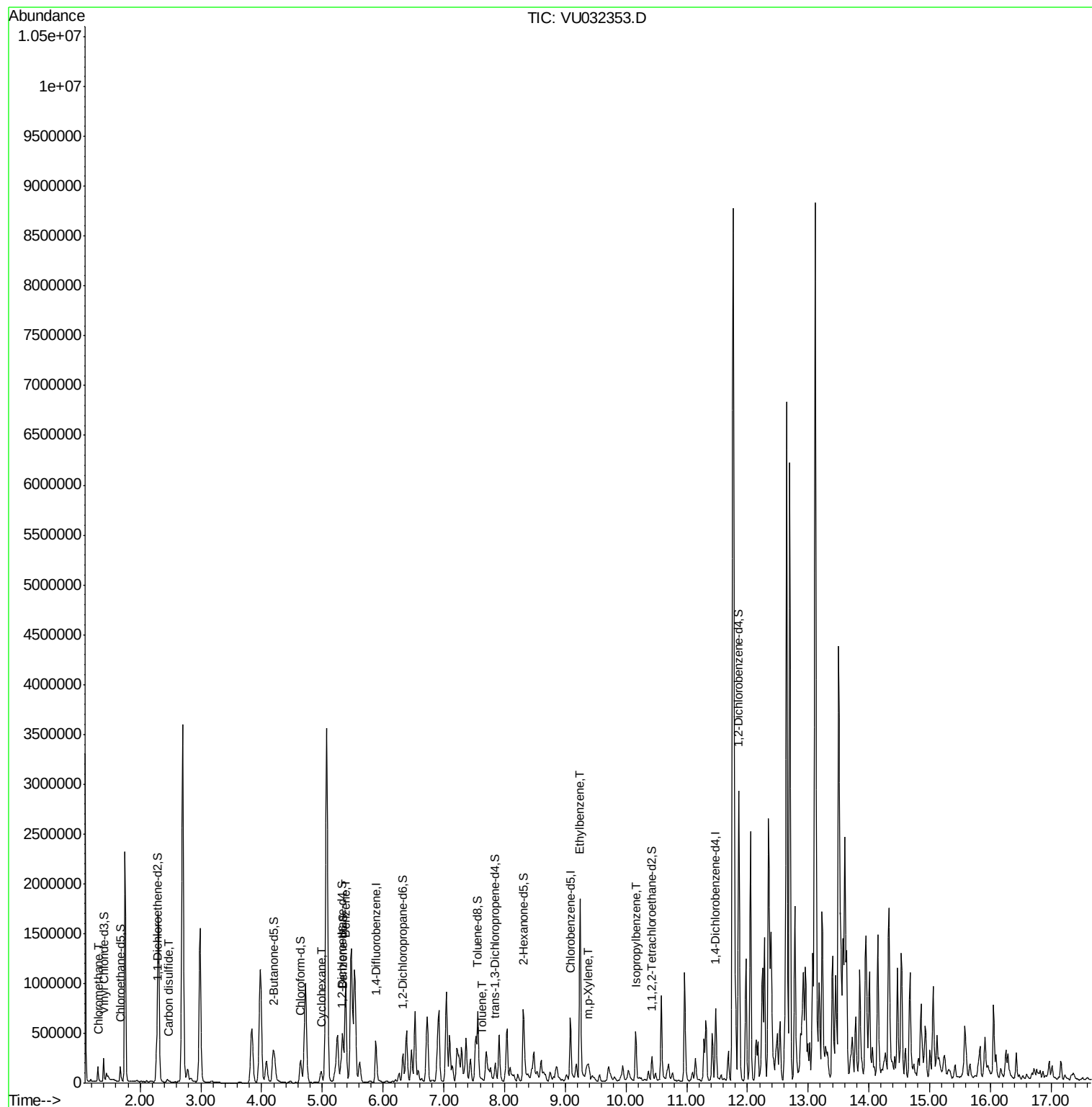
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032353.D
Acq On : 29 May 2019 12:01
Operator : JC/SP
Sample : K3045-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

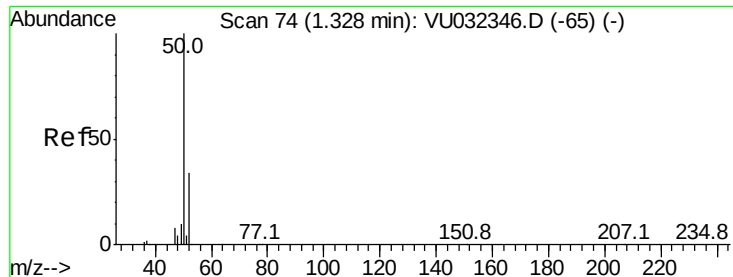
Instrument :
MSVOA_U
ClientSampleId :
C0C46

Manual Integrations
APPROVED

MMDadoda
5/30/2019 10:55:16 AM

Quant Time: May 30 06:49:05 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: 0.221 ug/L

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU032353.D

Acq: 29 May 2019 12:01

Instrument :

MSVOA_U

ClientSampleId :

C0C46

Tot Ion: 50 Resp: 3633

Ion Ratio Lower Upper

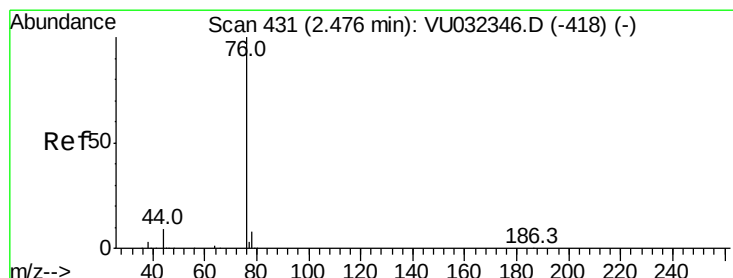
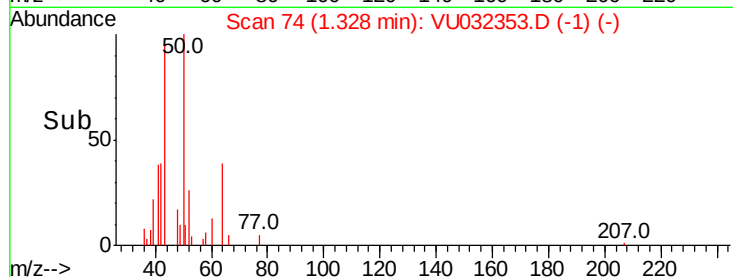
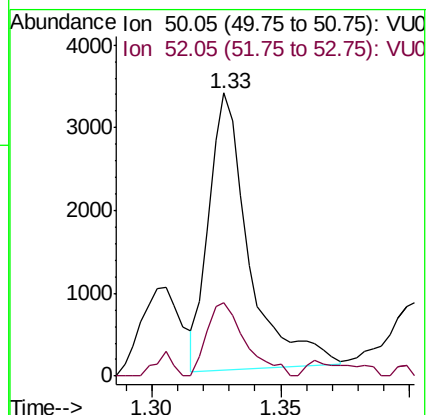
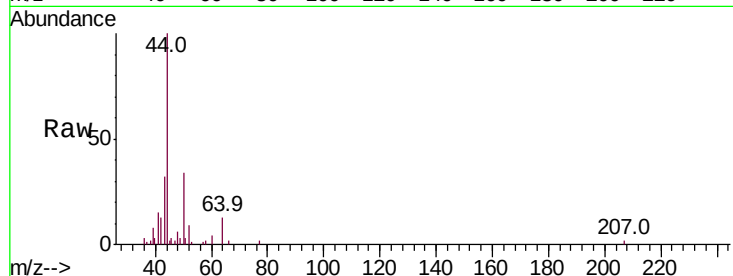
50 100

52 25.9 23.3 43.3

Manual Integrations
APPROVED

MMDadoda

5/30/2019 10:55:16 AM



#14

Carbon disulfide

Concen: 0.184 ug/L m

RT: 2.48 min Scan# 431

Delta R.T. -0.00 min

Lab File: VU032353.D

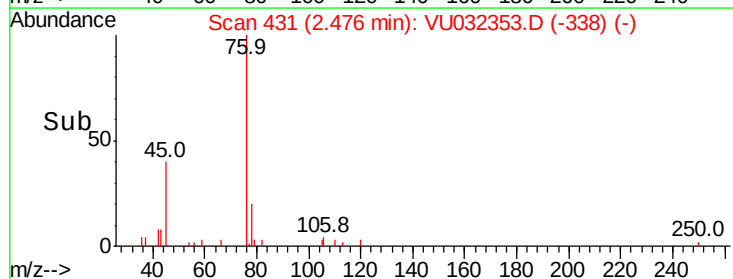
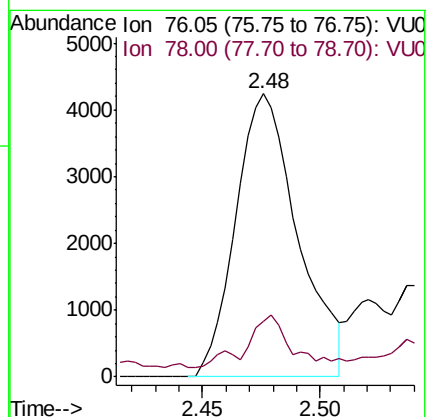
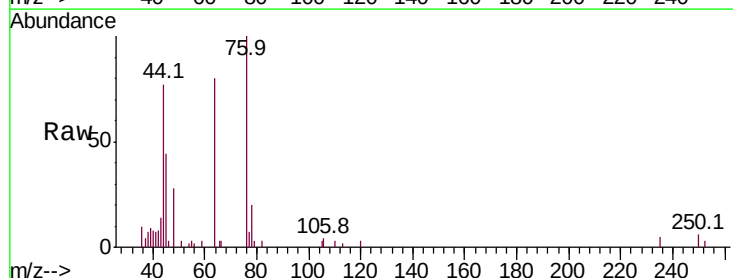
Acq: 29 May 2019 12:01

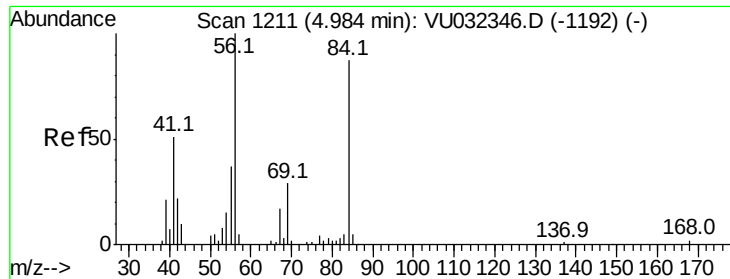
Tgt Ion: 76 Resp: 7773

Ion Ratio Lower Upper

76 100

78 19.7 7.5 11.3#





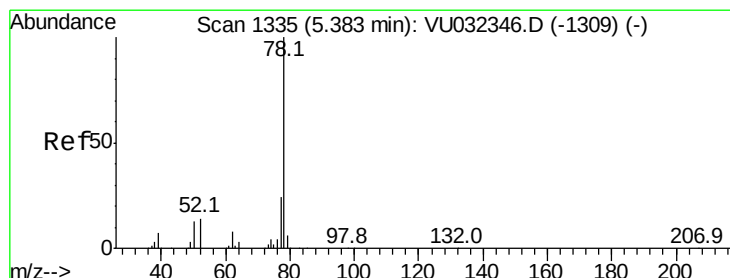
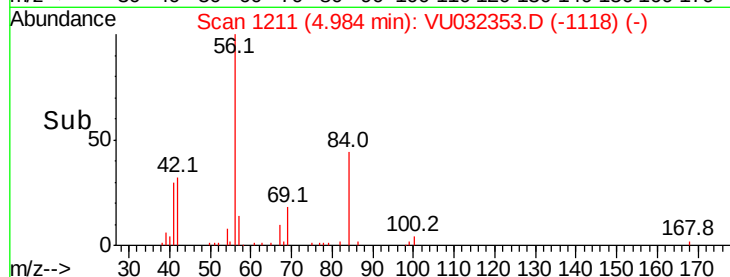
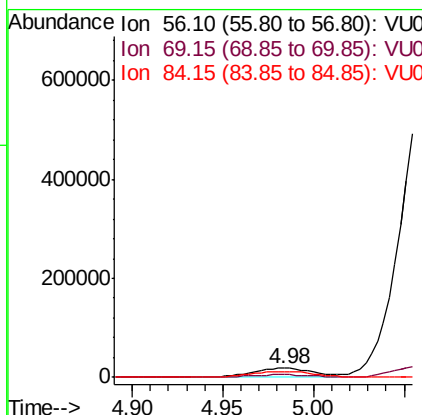
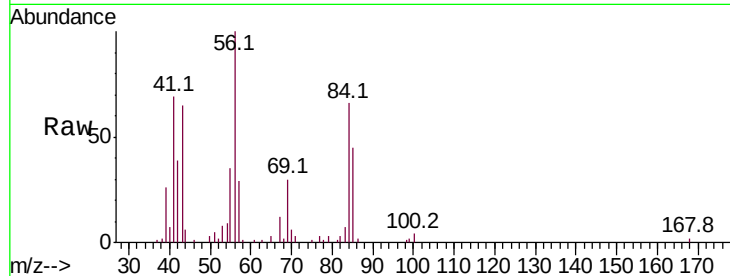
#30
Cyclohexane
Concen: 2.364 ug/L m
RT: 4.98 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VU032353.D
Acq: 29 May 2019 12:01

Instrument :
MSVOA_U
ClientSampleId :
C0C46

Tot Ion	Ratio	Lower	Upper
56	100		
69	155.6	26.6	39.8#
84	17.3	75.0	112.6#

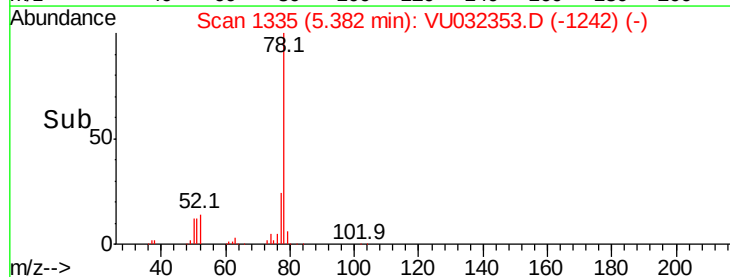
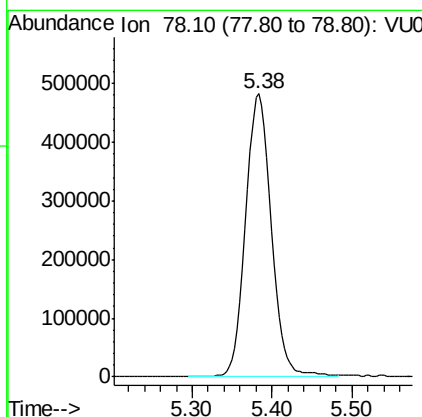
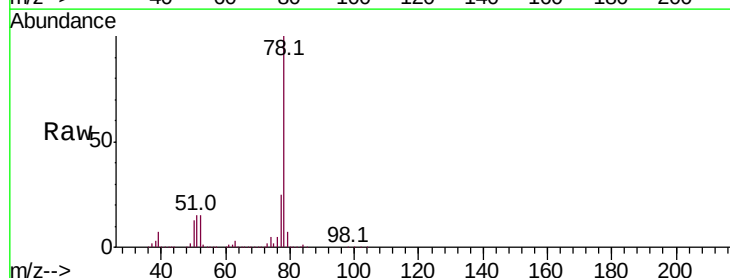
Manual Integrations
APPROVED

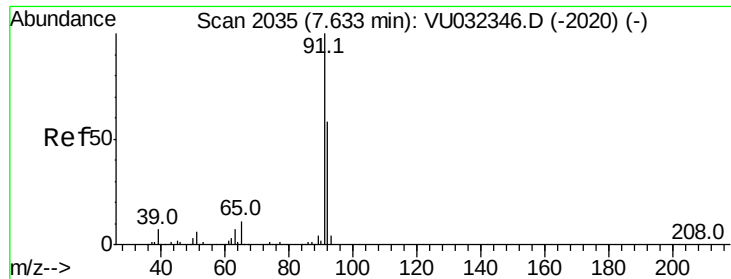
MMDadoda
5/30/2019 10:55:16 AM



#33
Benzene
Concen: 19.970 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU032353.D
Acq: 29 May 2019 12:01

Tgt Ion: 78 Resp: 1051166





#42

Toluene

Concen: 0.152 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. 0.01 min

Lab File: VU032353.D

Acq: 29 May 2019 12:01

Instrument :

MSVOA_U

ClientSampleId :

C0C46

Tot Ion: 91 Resp: 8510

Ion Ratio Lower Upper

91 100

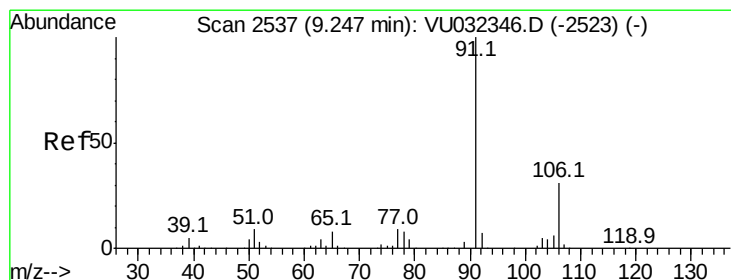
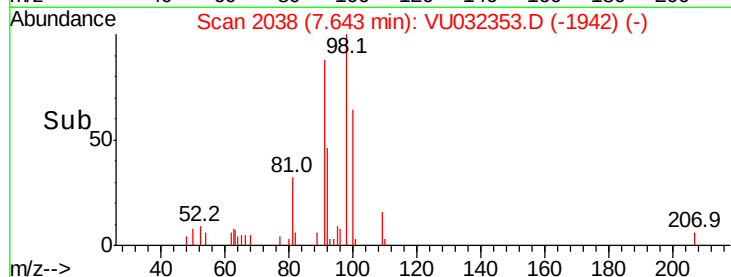
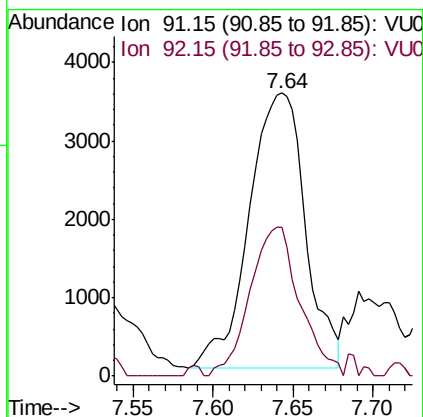
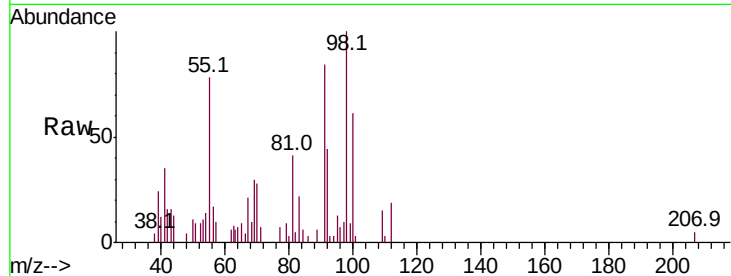
92 52.6 38.5 71.5

Manual Integrations

APPROVED

MMDadoda

5/30/2019 10:55:16 AM



#52

Ethylbenzene

Concen: 22.876 ug/L

RT: 9.24 min Scan# 2536

Delta R.T. -0.00 min

Lab File: VU032353.D

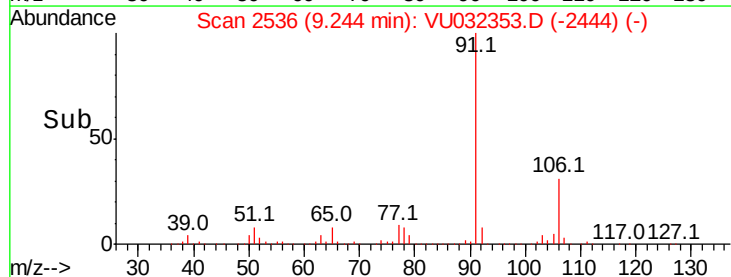
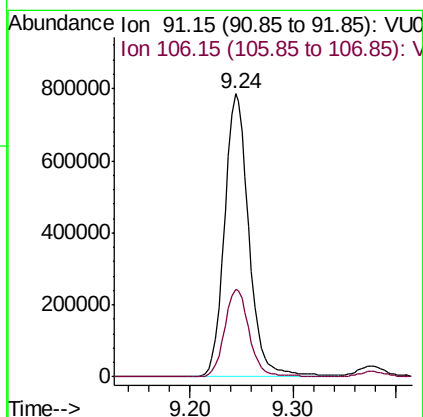
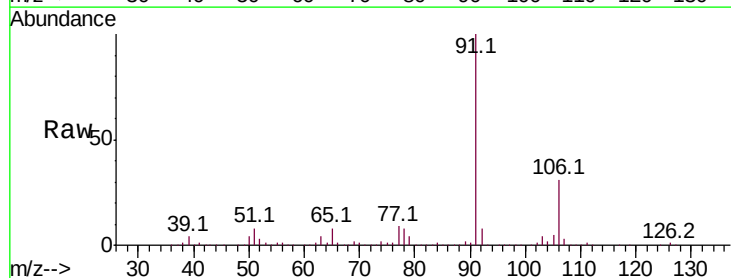
Acq: 29 May 2019 12:01

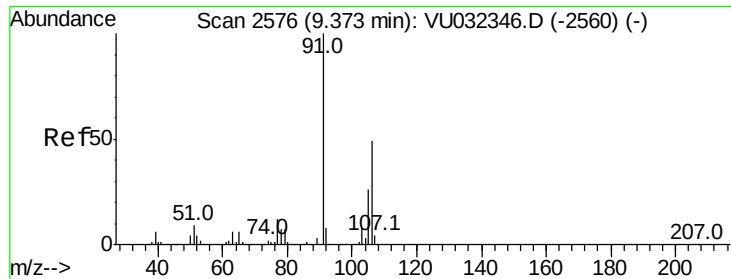
Tgt Ion: 91 Resp: 1287885

Ion Ratio Lower Upper

91 100

106 31.0 20.9 38.9





#53

m,p-Xylene

Concen: 1.433 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VU032353.D

Acq: 29 May 2019 12:01

Instrument :

MSVOA_U

ClientSampleId :

C0C46

Tot Ion:106 Resp: 30009

Ion Ratio Lower Upper

106 100

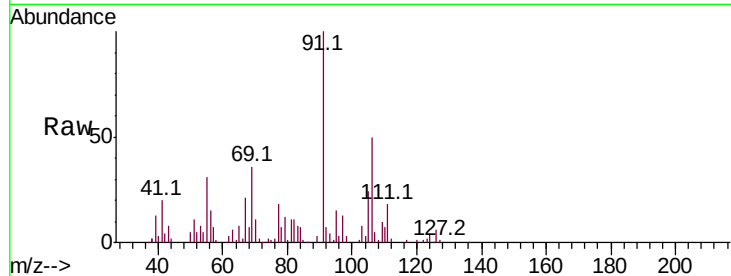
91 200.3 143.9 267.2

Manual Integrations

APPROVED

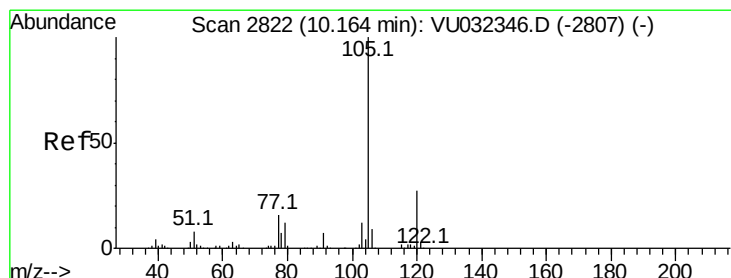
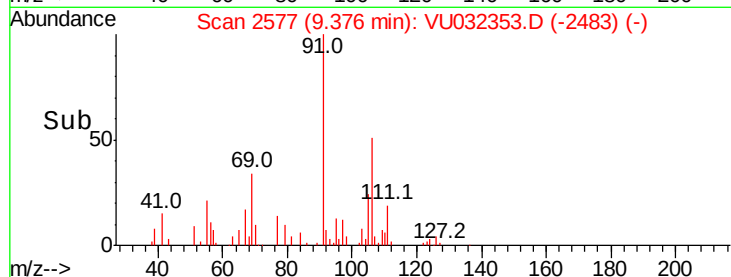
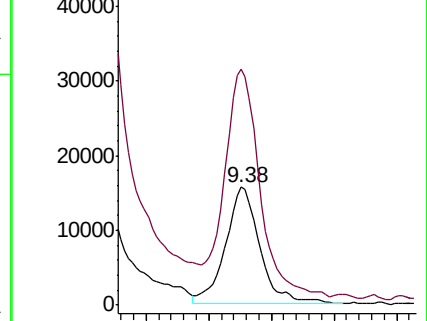
MMDadoda

5/30/2019 10:55:16 AM



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#56

Isopropylbenzene

Concen: 6.137 ug/L

RT: 10.16 min Scan# 2821

Delta R.T. -0.00 min

Lab File: VU032353.D

Acq: 29 May 2019 12:01

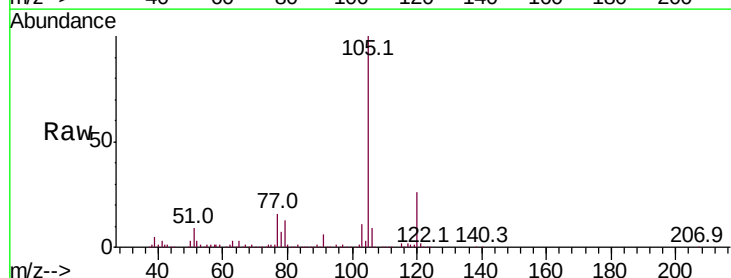
Tgt Ion:105 Resp: 324571

Ion Ratio Lower Upper

105 100

120 26.2 21.0 31.6

77 16.0 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

