

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082019\
 Data File : VU033851.D
 Acq On : 20 Aug 2019 14:07
 Operator : JC/SP
 Sample : K4373-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD4

Manual Integrations
 APPROVED

MMDadoda
 8/21/2019 9:57:18 AM

Quant Time: Aug 21 07:26:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082019WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 21 05:39:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	181124	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	191695	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	107884	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	77768	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.67	69	65442	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.26	63	119059	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	4.20	46	136845	44.72	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.44%
24) Chloroform-d	4.62	84	118712	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.29	65	62790	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.31	84	223108	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.31	67	73568	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.55	98	192158	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.83	79	25012	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.30	63	107856	50.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.60%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	62835	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	98321	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

					Qvalue
13) Acetone	2.35	43	7296	3.119 ug/L	83
14) Carbon disulfide	2.46	76	16026m	0.372 ug/L	
33) Benzene	5.36	78	233666	5.555 ug/L	100
42) Toluene	7.62	91	19495	0.452 ug/L	95
52) Ethylbenzene	9.23	91	84974	1.970 ug/L	96
53) m,p-Xylene	9.36	106	34881	2.155 ug/L	100
54) o-Xylene	9.76	106	12926	0.833 ug/L	92
56) Isopropylbenzene	10.15	105	46310	1.153 ug/L	98

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

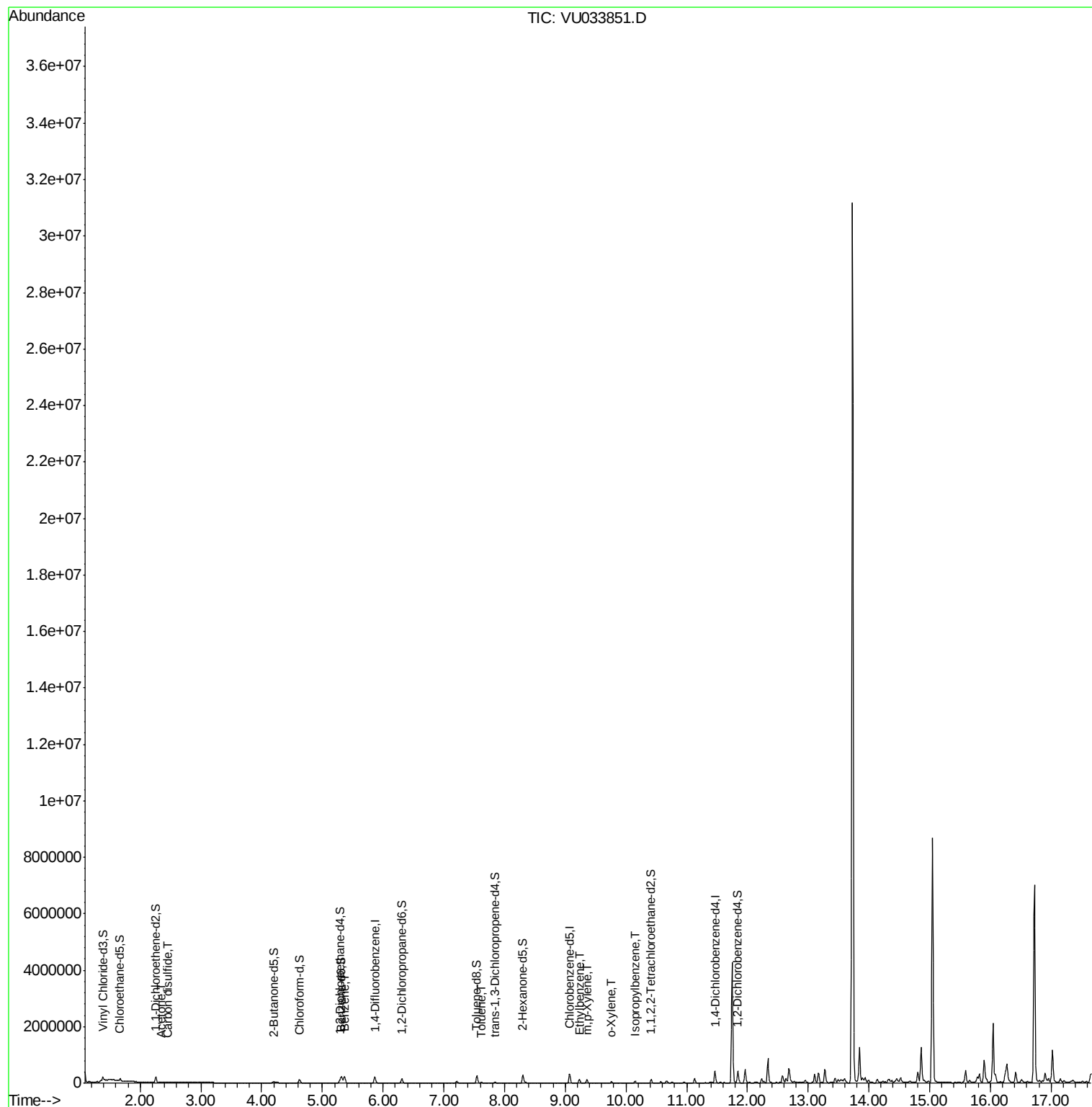
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082019\
Data File : VU033851.D
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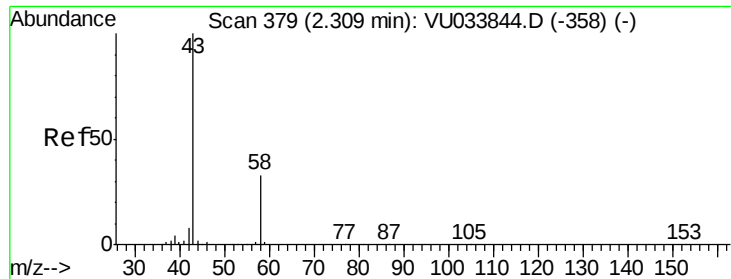
Instrument :
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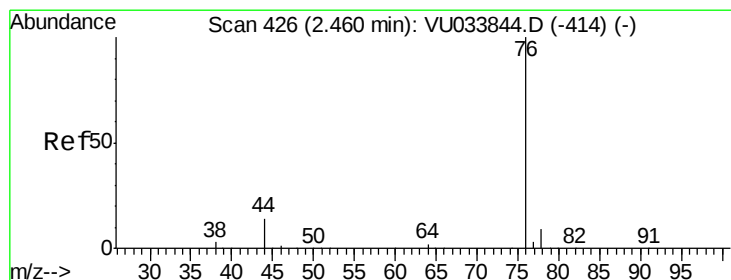
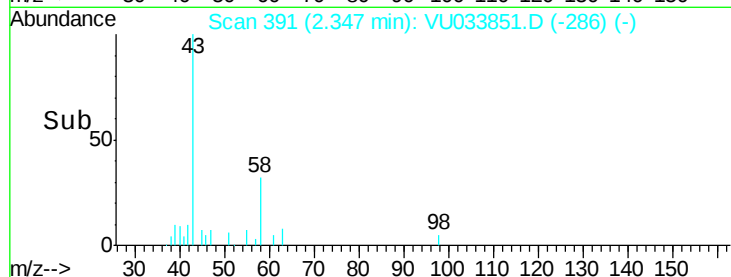
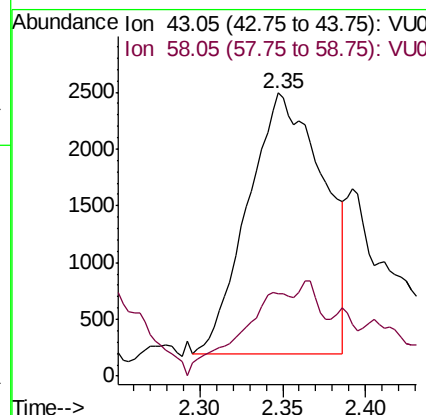
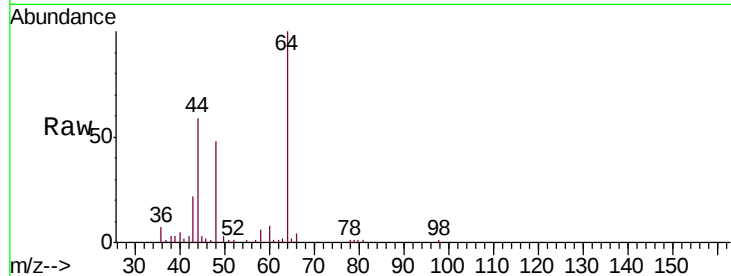
#13
Acetone
Concen: 3.119 ug/L
RT: 2.35 min Scan# 391
Delta R.T. 0.04 min
Lab File: VU033851.D
Acq: 20 Aug 2019 14:07

Instrument :
MSVOA_U
ClientSampleId :
C0AD4

Tgt Ion: 43 Resp: 7296
Ion Ratio Lower Upper
43 100
58 23.1 0.0 65.4

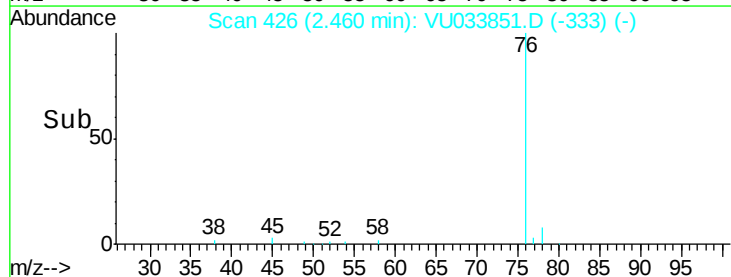
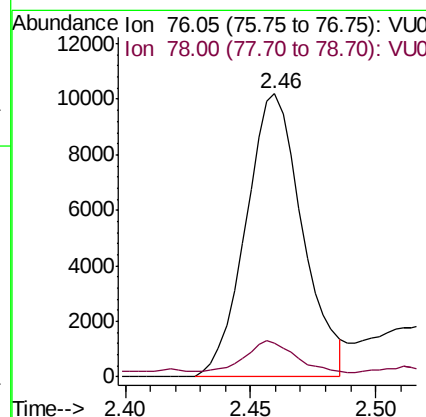
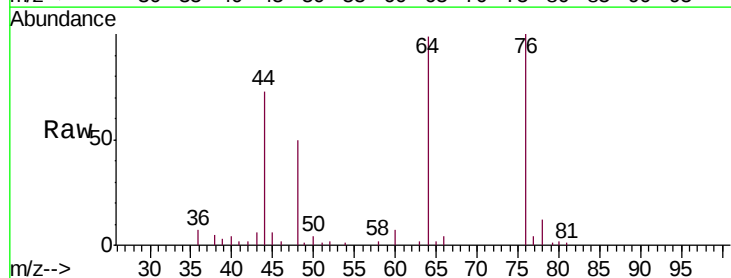
Manual Integrations
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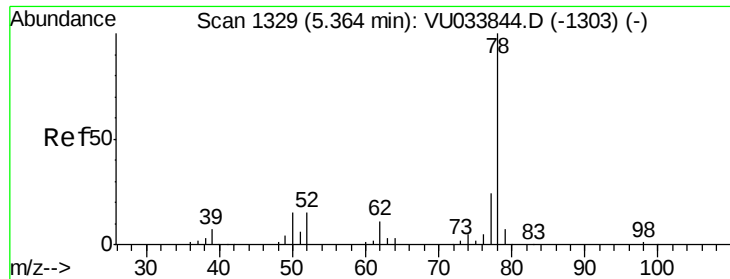
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#14
Carbon disulfide
Concen: 0.372 ug/L m
RT: 2.46 min Scan# 426
Delta R.T. -0.00 min
Lab File: VU033851.D
Acq: 20 Aug 2019 14:07

Tgt Ion: 76 Resp: 16026
Ion Ratio Lower Upper
76 100
78 11.8 7.7 11.5#





#33

Benzene

Concen: 5.555 ug/L

RT: 5.36 min Scan# 1329

Delta R.T. -0.00 min

Lab File: VU033851.D

Acq: 20 Aug 2019 14:07

Instrument :

MSVOA_U

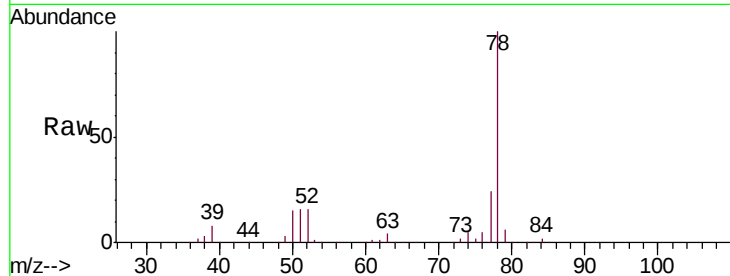
ClientSampleId :

C0AD4

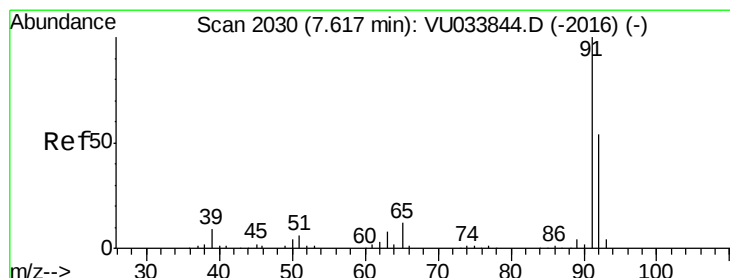
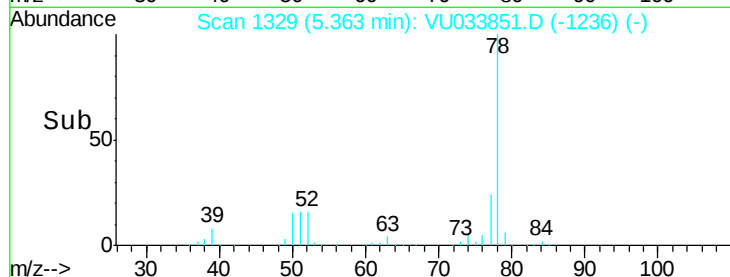
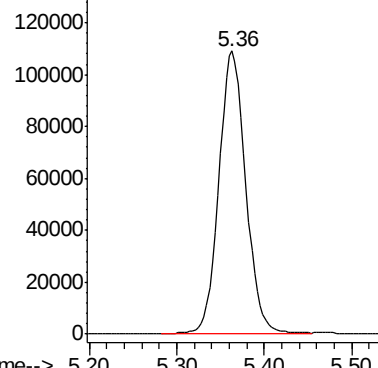
Tgt Ion: 78 Resp: 233666

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Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.452 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU033851.D

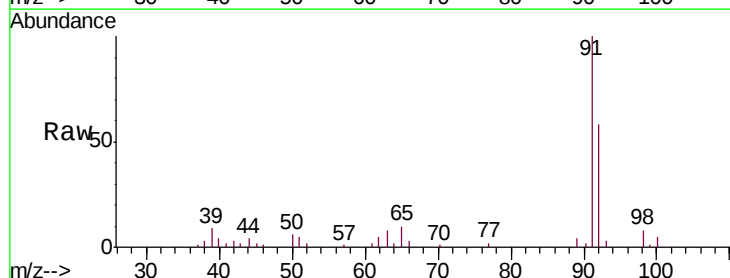
Acq: 20 Aug 2019 14:07

Tgt Ion: 91 Resp: 19495

Ion Ratio Lower Upper

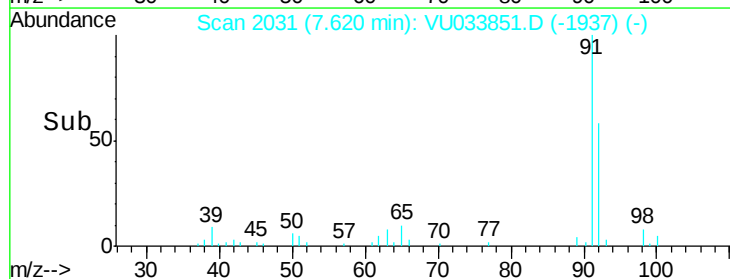
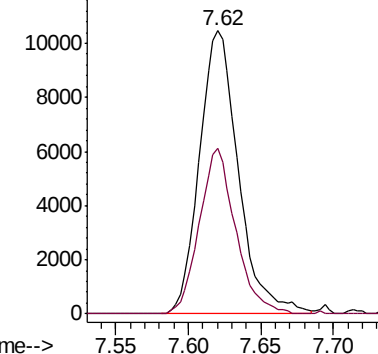
91 100

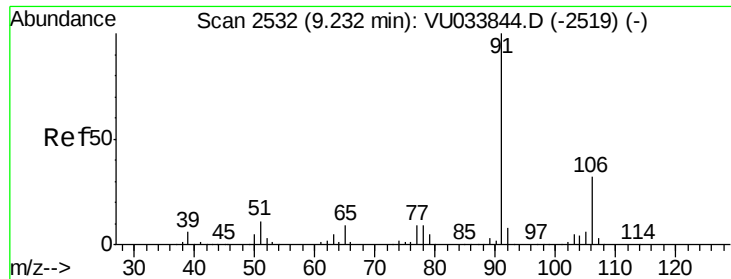
92 58.3 38.1 70.7



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#52

Ethylbenzene

Concen: 1.970 ug/L

RT: 9.23 min Scan# 2533

Delta R.T. 0.00 min

Lab File: VU033851.D

Acq: 20 Aug 2019 14:07

Instrument :

MSVOA_U

ClientSampled :

C0AD4

Tgt Ion: 91 Resp: 84974

Ion Ratio Lower Upper

91 100

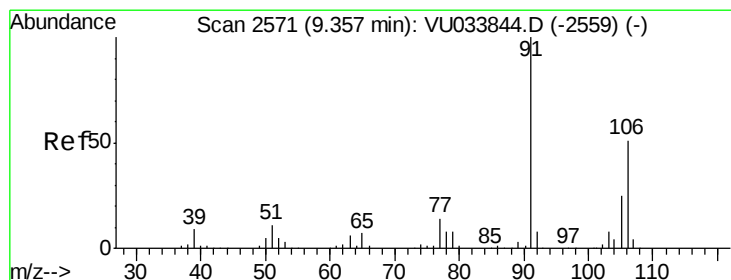
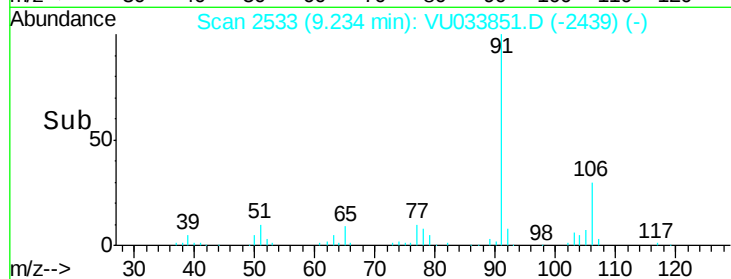
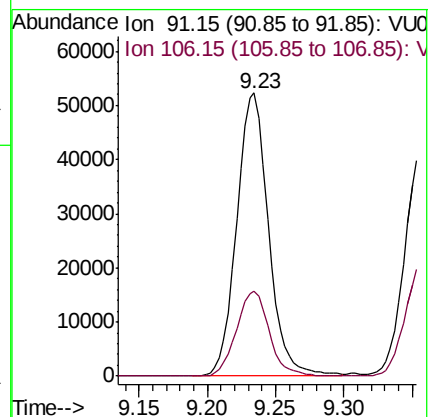
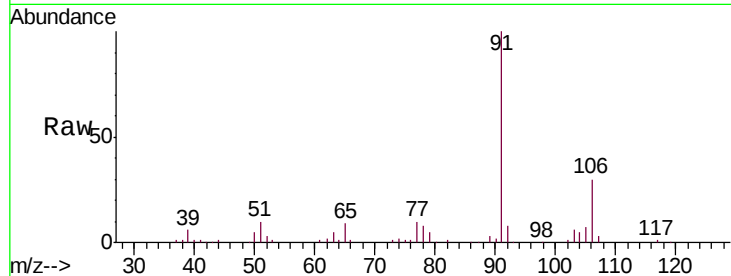
106 29.8 22.3 41.3

Manual Integrations

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#53

m,p-Xylene

Concen: 2.155 ug/L

RT: 9.36 min Scan# 2571

Delta R.T. -0.00 min

Lab File: VU033851.D

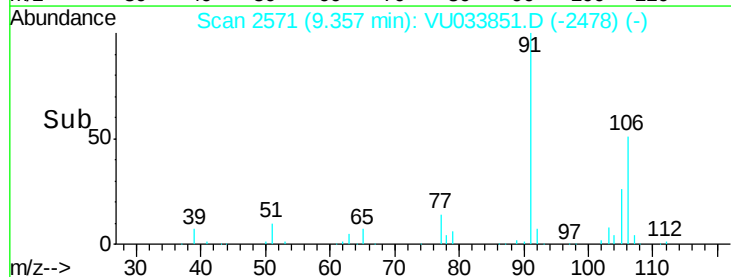
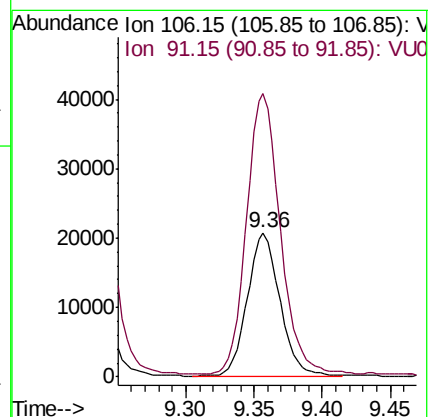
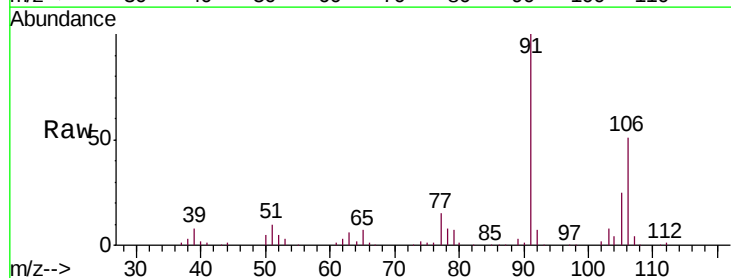
Acq: 20 Aug 2019 14:07

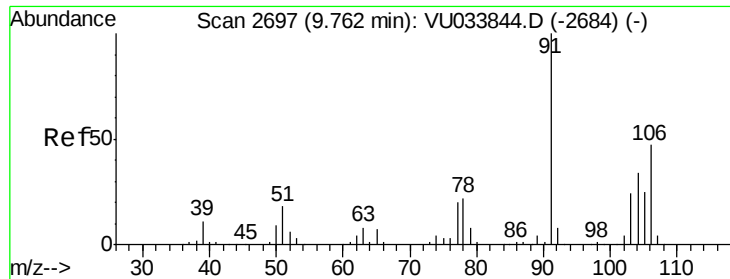
Tgt Ion: 106 Resp: 34881

Ion Ratio Lower Upper

106 100

91 196.2 137.7 255.7





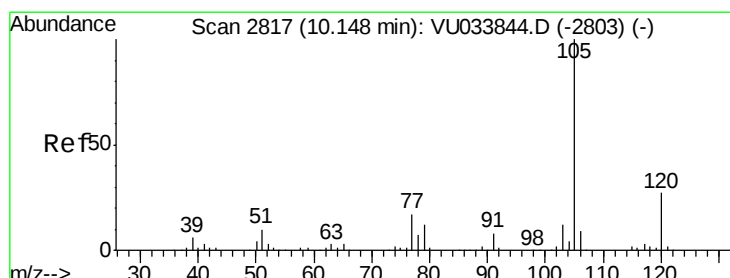
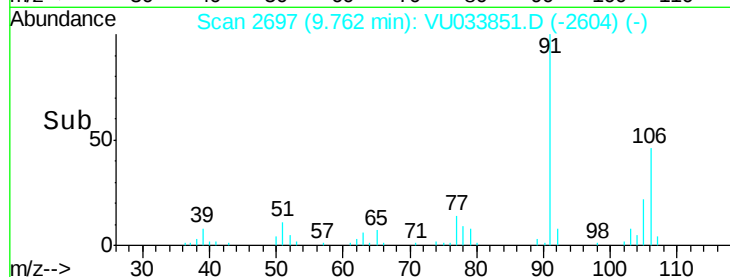
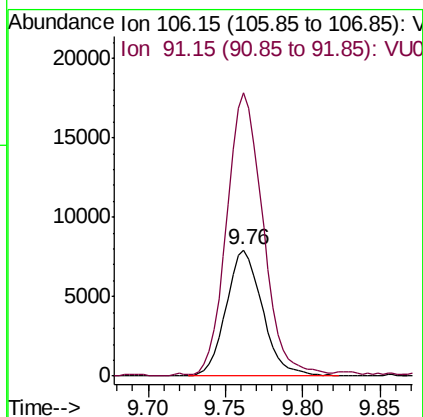
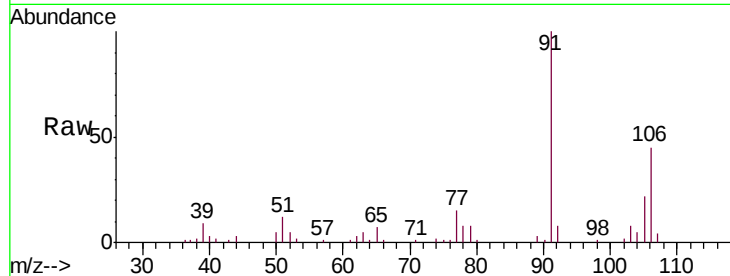
#54
o-Xylene
Concen: 0.833 ug/L
RT: 9.76 min Scan# 2697
Delta R.T. -0.00 min
Lab File: VU033851.D
Acq: 20 Aug 2019 14:07

Instrument :
MSVOA_U
ClientSampled :
C0AD4

Tgt Ion:106 Resp: 12926
Ion Ratio Lower Upper
106 100
91 224.5 148.6 276.0

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#56
Isopropylbenzene
Concen: 1.153 ug/L
RT: 10.15 min Scan# 2818
Delta R.T. 0.00 min
Lab File: VU033851.D
Acq: 20 Aug 2019 14:07

Tgt Ion:105 Resp: 46310
Ion Ratio Lower Upper
105 100
120 26.1 21.2 31.8
77 17.8 13.1 19.7

