

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110619\
 Data File : VU035652.D
 Acq On : 06 Nov 2019 17:03
 Operator : JC/SP
 Sample : K5716-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE886

Quant Time: Nov 07 06:25:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 07 04:46:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	615371	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	604128	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	188304	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	169322	34.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.14%
7) Chloroethane-d5	1.93	69	162179	40.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.72%
11) 1,1-Dichloroethene-d2	2.60	63	230676	29.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.68%#
21) 2-Butanone-d5	4.69	46	284419	97.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.97%
24) Chloroform-d	5.11	84	354826	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.46%
26) 1,2-Dichloroethane-d4	5.75	65	225447	47.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.90%
32) Benzene-d6	5.77	84	746477	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.74	67	246247	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.44%
41) Toluene-d8	7.93	98	664015	44.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.21	79	107438	45.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.34%
47) 2-Hexanone-d5	8.68	63	184213	94.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.12%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	342690	47.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.38%
64) 1,2-Dichlorobenzene-d4	12.22	152	194159	51.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.24%

Target Compounds

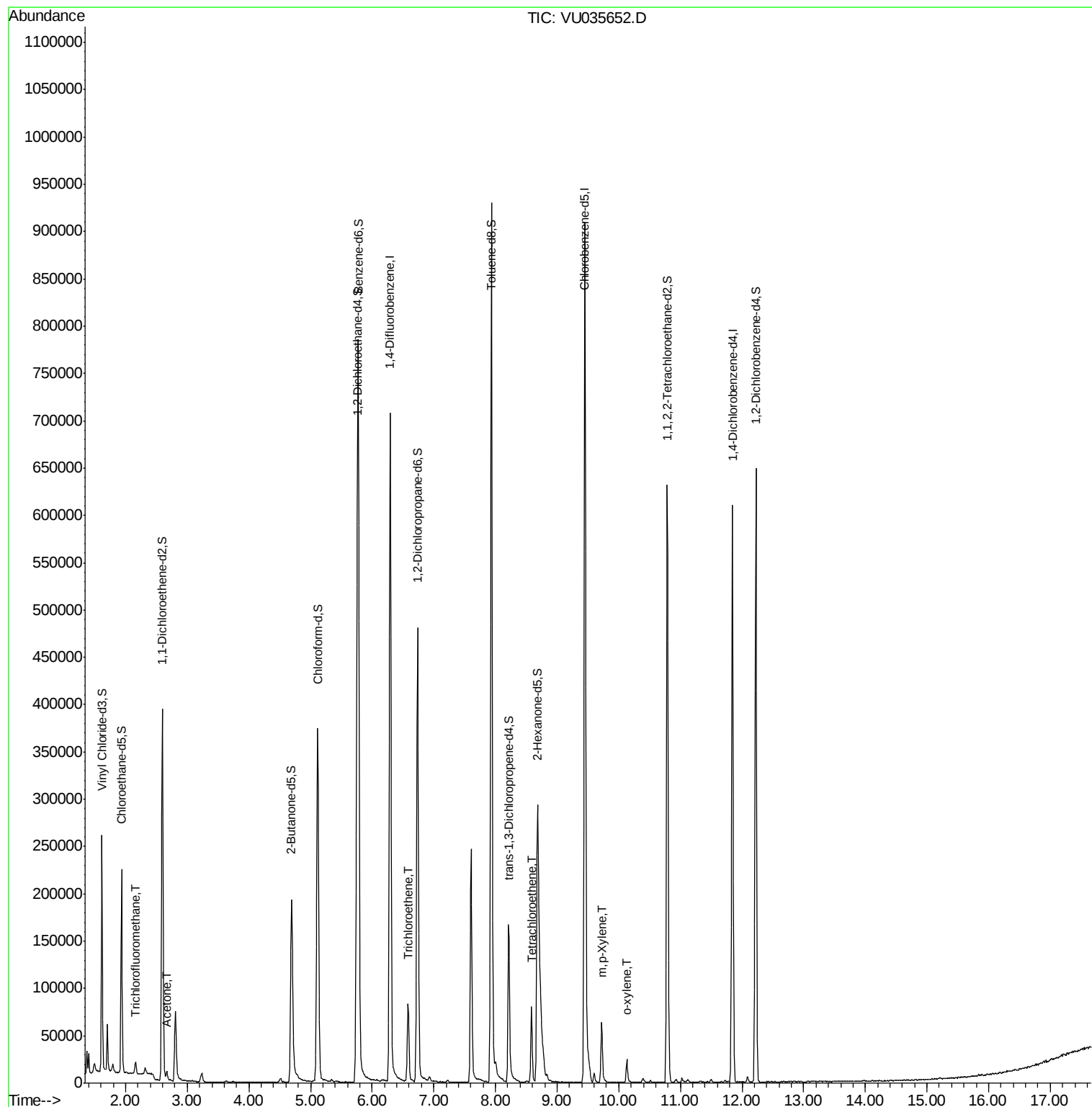
					Qvalue
9) Trichlorofluoromethane	2.16	101	7460	1.119 ug/L	94
13) Acetone	2.67	43	8066	3.158 ug/L	96
34) Trichloroethene	6.58	95	28305	6.558 ug/L	96
46) Tetrachloroethene	8.58	164	20097	5.568 ug/L	97
53) m,p-Xylene	9.72	106	21202	2.970 ug/L	90
54) o-xylene	10.13	106	6984	1.001 ug/L	100

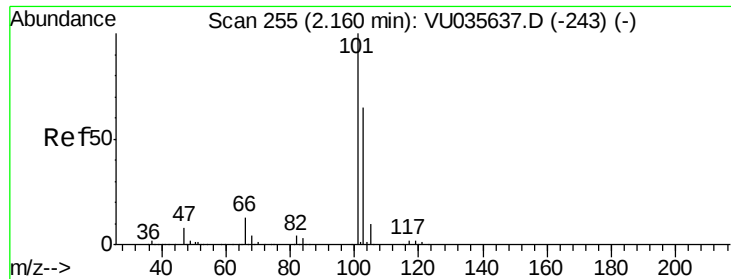
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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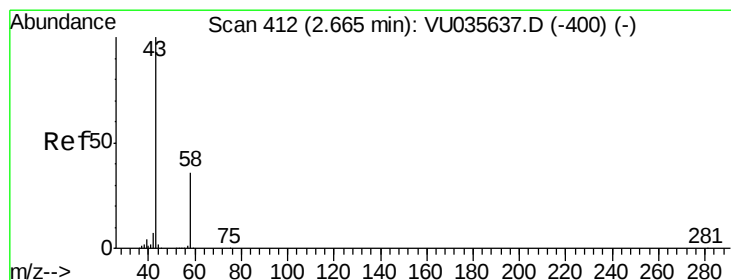
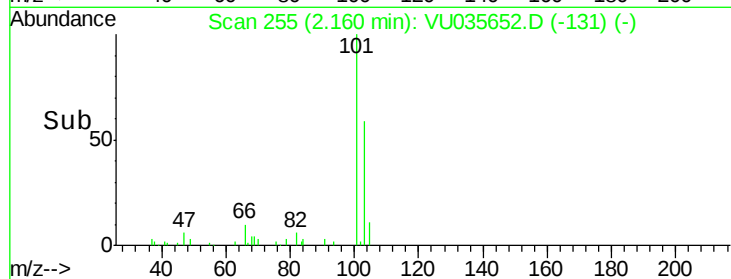
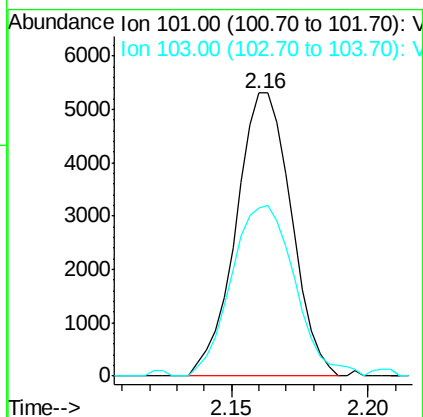
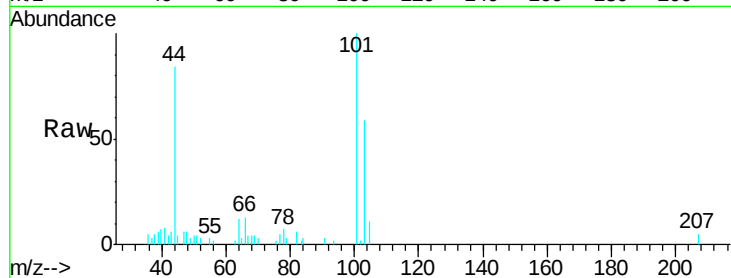




#9
 Trichlorofluoromethane
 Concen: 1.119 ug/L
 RT: 2.16 min Scan# 255
 Delta R.T. -0.00 min
 Lab File: VU035652.D
 Acq: 06 Nov 2019 17:03

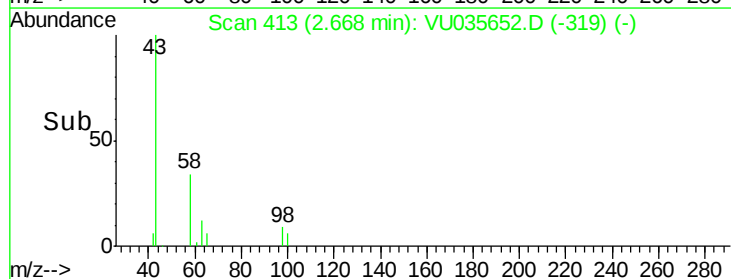
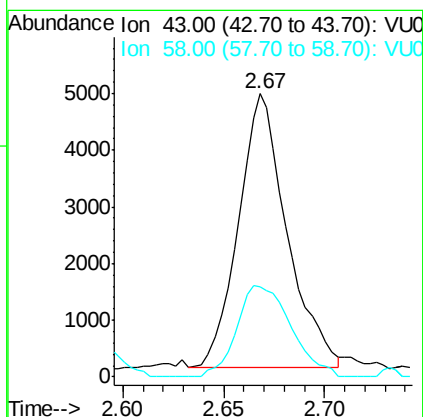
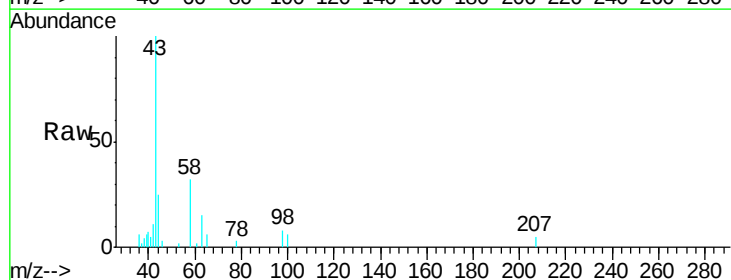
Instrument :
 MSVOA_U
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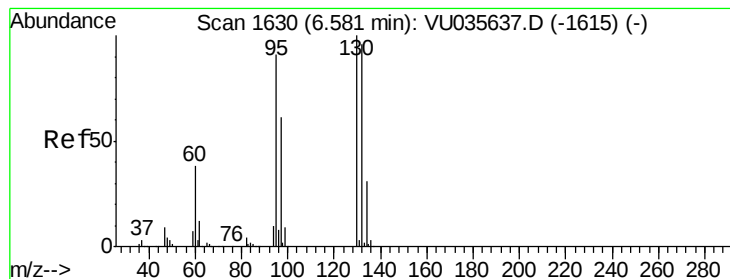
Tgt Ion: 101 Resp: 7460
 Ion Ratio Lower Upper
 101 100
 103 69.2 51.8 77.6



#13
 Acetone
 Concen: 3.158 ug/L
 RT: 2.67 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: VU035652.D
 Acq: 06 Nov 2019 17:03

Tgt Ion: 43 Resp: 8066
 Ion Ratio Lower Upper
 43 100
 58 37.4 0.0 70.0





#34

Trichloroethene

Concen: 6.558 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU035652.D

Acq: 06 Nov 2019 17:03

Instrument :

MSVOA_U

ClientSampleId :

BE886

Tgt Ion: 95 Resp: 28305

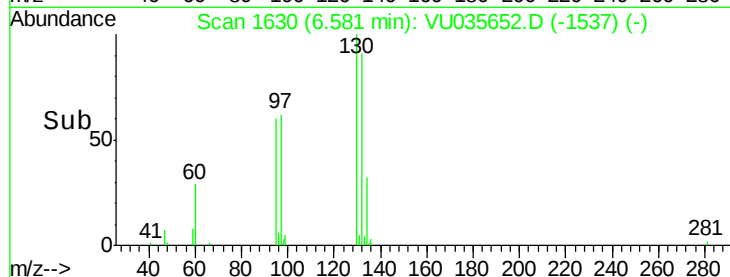
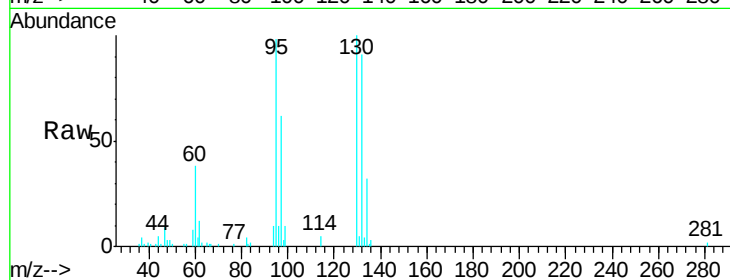
Ion Ratio Lower Upper

95 100

97 63.1 45.6 84.6

132 93.3 69.9 129.7

130 102.5 73.1 135.7

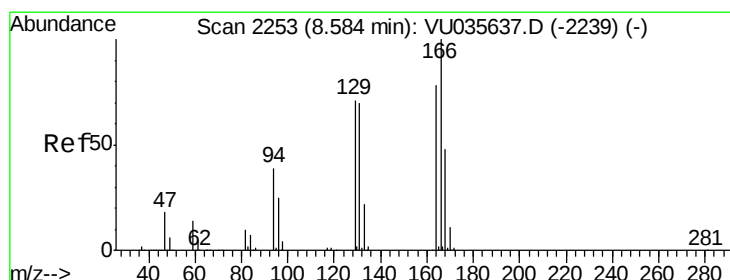
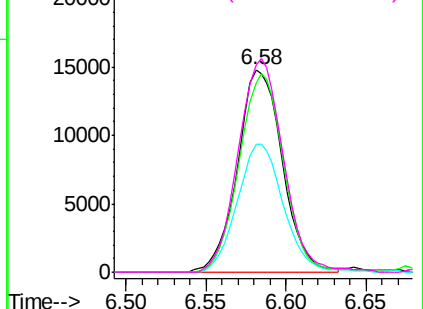


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 5.568 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VU035652.D

Acq: 06 Nov 2019 17:03

Tgt Ion: 164 Resp: 20097

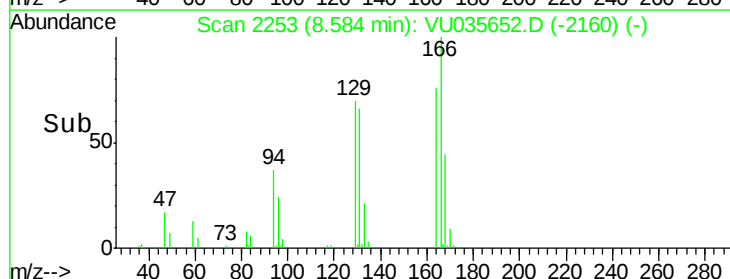
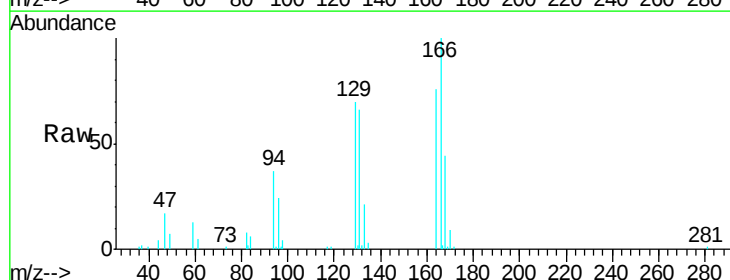
Ion Ratio Lower Upper

164 100

129 92.4 64.1 119.1

131 87.4 63.1 117.1

166 132.3 88.5 164.3

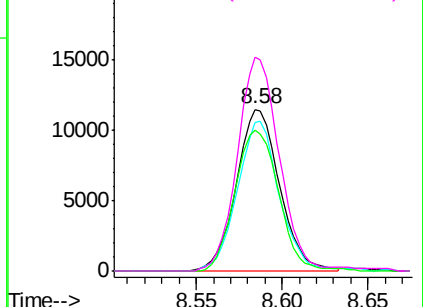


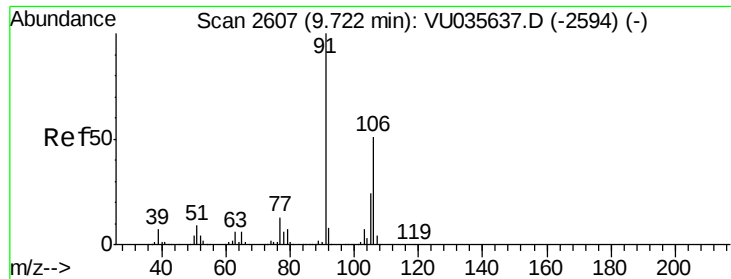
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#53

m,p-Xylene

Concen: 2.970 ug/L

RT: 9.72 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VU035652.D

Acq: 06 Nov 2019 17:03

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ClientSampleId :

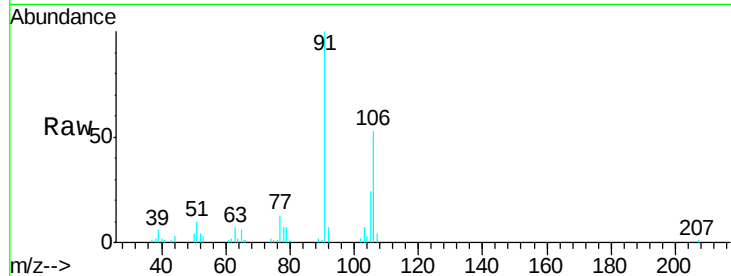
BE886

Tgt Ion:106 Resp: 21202

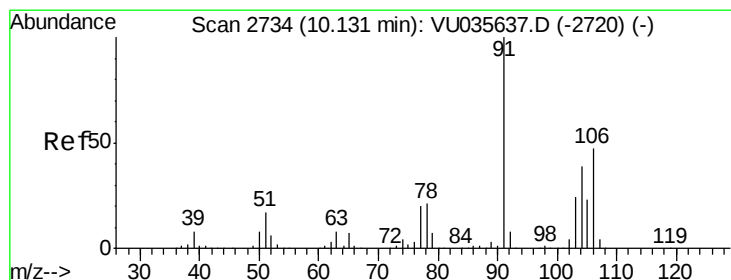
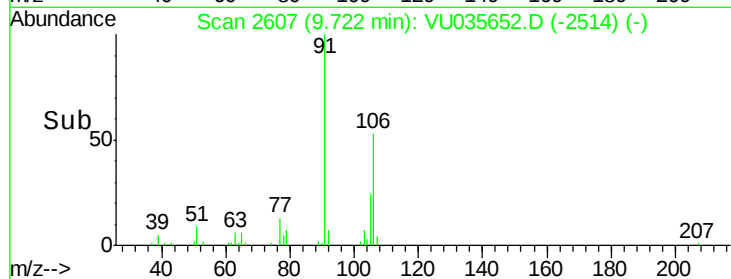
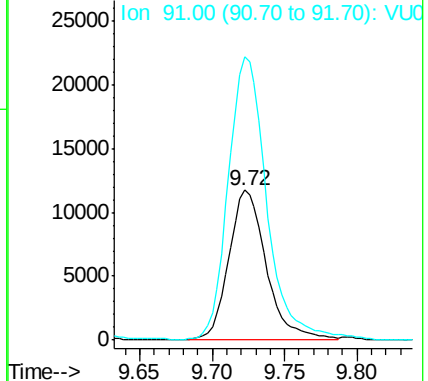
Ion Ratio Lower Upper

106 100

91 189.1 142.7 264.9



Abundance Ion 106.00 (105.70 to 106.70): V



#54

o-xylene

Concen: 1.001 ug/L

RT: 10.13 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VU035652.D

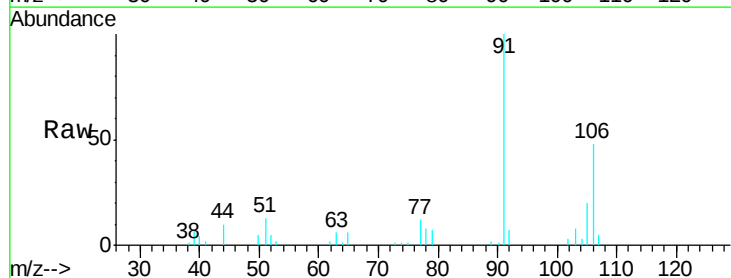
Acq: 06 Nov 2019 17:03

Tgt Ion:106 Resp: 6984

Ion Ratio Lower Upper

106 100

91 210.0 147.1 273.1



Abundance Ion 106.00 (105.70 to 106.70): V

