

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
 Data File : VU032872.D
 Acq On : 19 Jun 2019 20:54
 Operator : JC/SP
 Sample : K3413-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALF4

Quant Time: Jun 20 08:30:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 20 07:24:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	98690	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	95916	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	50124	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	28845	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.68	69	25113	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.27	63	48344	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	4.19	46	107783	60.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.38%
24) Chloroform-d	4.64	84	63109	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.30	65	38479	6.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	128.20%
32) Benzene-d6	5.33	84	125506	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.32	67	39954	5.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.80%
41) Toluene-d8	7.56	98	112521	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
43) trans-1,3-Dichloropropene-	7.85	79	15766	5.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.40%
46) 2-Hexanone-d5	8.31	63	79474	50.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	34523	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	48257	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

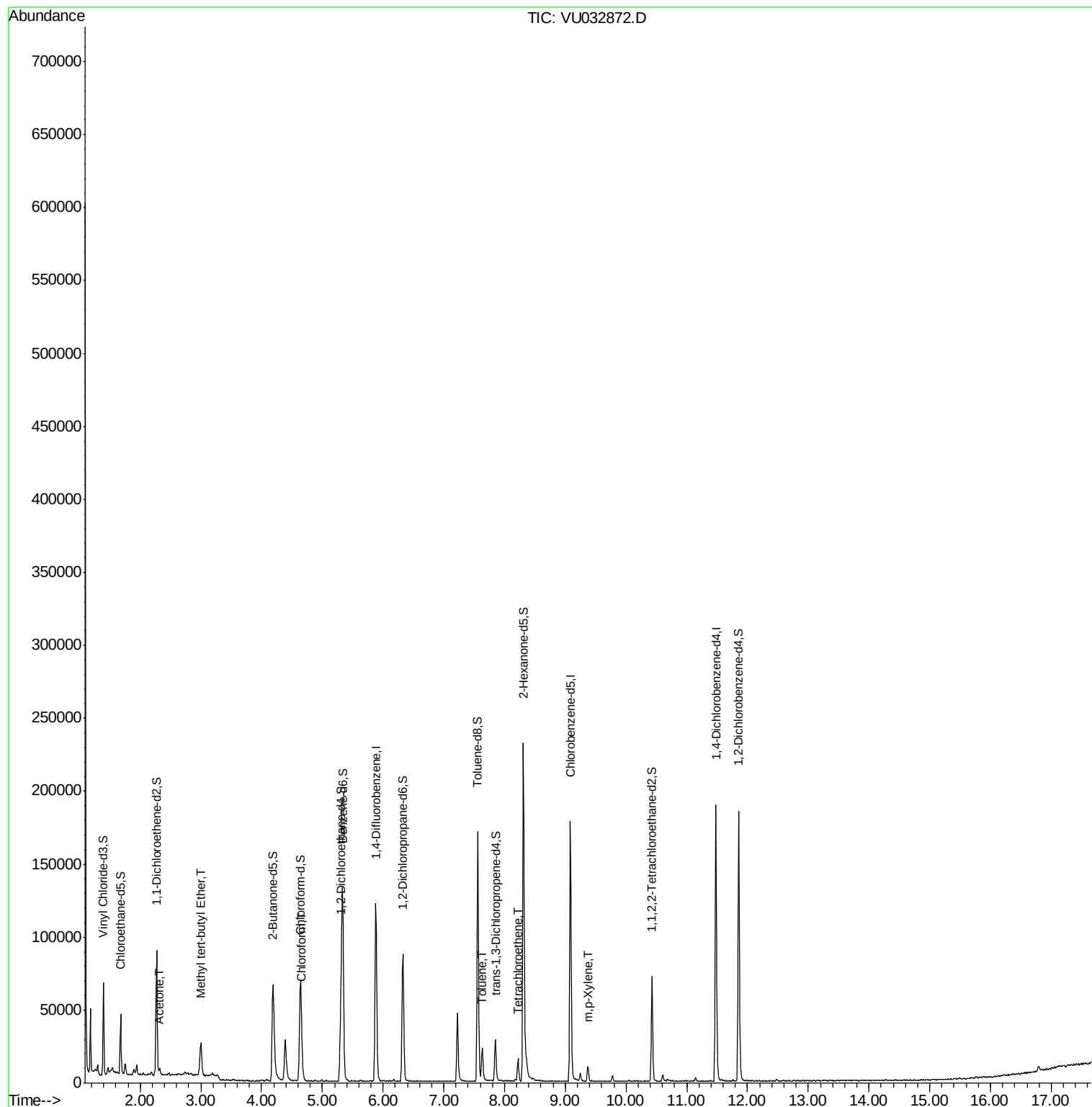
					Ovalue
13) Acetone	2.32	43	4035	2.903 ug/L	88
17) Methyl tert-butyl Ether	3.00	73	20221	1.103 ug/L	92
25) Chloroform	4.67	83	7463	0.603 ug/L	89
42) Toluene	7.63	91	16381	0.520 ug/L	100
47) Tetrachloroethene	8.22	164	3445	0.538 ug/L	92
53) m,p-Xylene	9.37	106	2980	0.226 ug/L	96

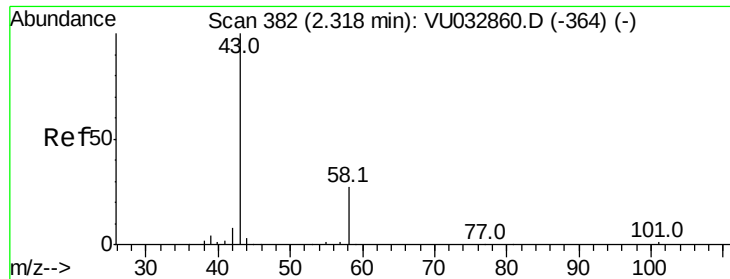
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.903 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU032872.D

Acq: 19 Jun 2019 20:54

Instrument :

MSVOA_U

ClientSampleId :

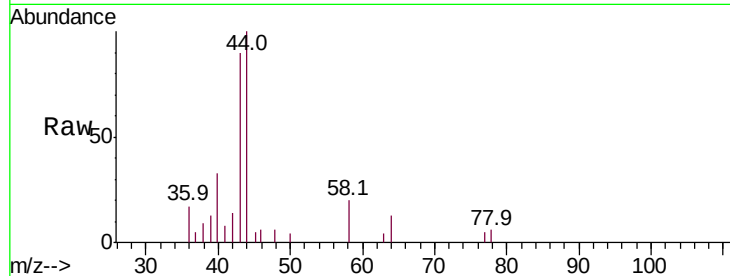
GALF4

Tot Ion: 43 Resp: 4035

Ion Ratio Lower Upper

43 100

58 24.0 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032872.D (-289) (-)

Ion 58.05 (57.75 to 58.75): VU032872.D (-289) (-)

3000

2500

2000

1500

1000

500

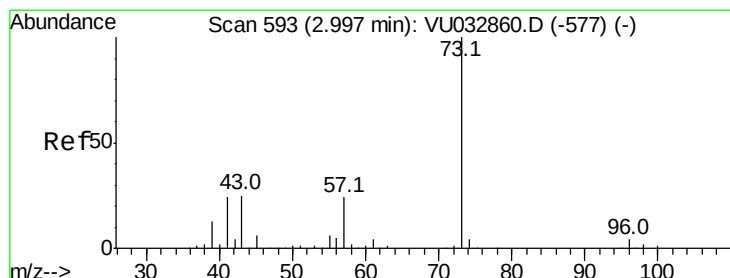
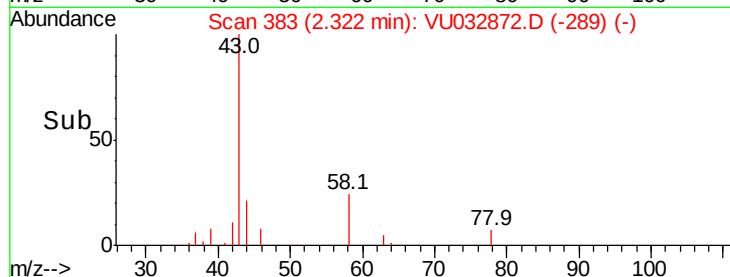
0

Time-->

2.25

2.30

2.35



#17

Methyl tert-butyl Ether

Concen: 1.103 ug/L

RT: 3.00 min Scan# 594

Delta R.T. 0.00 min

Lab File: VU032872.D

Acq: 19 Jun 2019 20:54

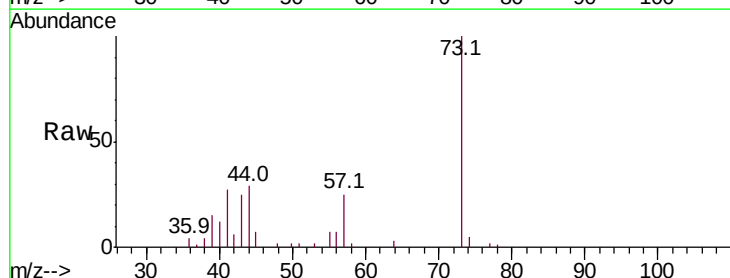
Tgt Ion: 73 Resp: 20221

Ion Ratio Lower Upper

73 100

43 26.5 18.6 27.8

57 27.3 18.3 27.5



Abundance Ion 73.10 (72.80 to 73.80): VU032872.D (-500) (-)

Ion 43.05 (42.75 to 43.75): VU032872.D (-500) (-)

Ion 57.10 (56.80 to 57.80): VU032872.D (-500) (-)

12000

10000

8000

6000

4000

2000

0

Time-->

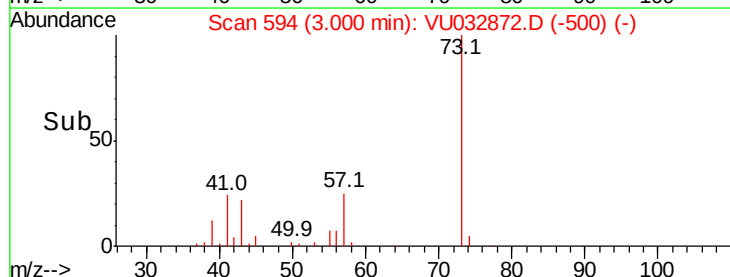
2.90

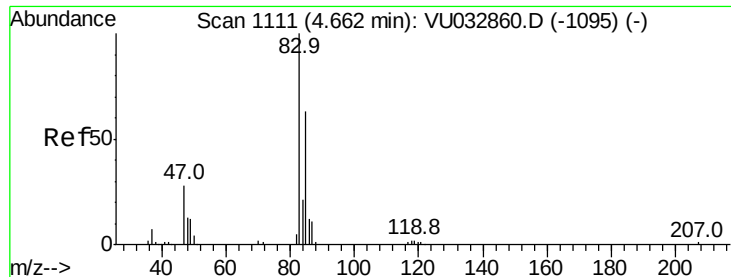
2.95

3.00

3.05

3.10

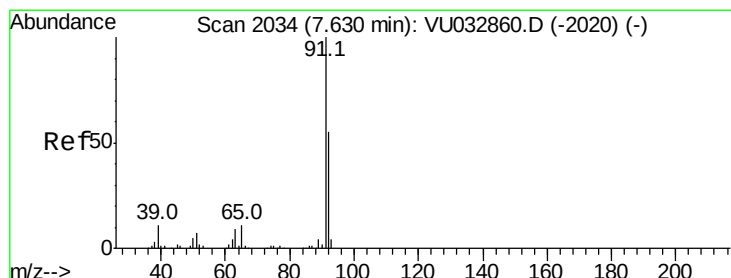
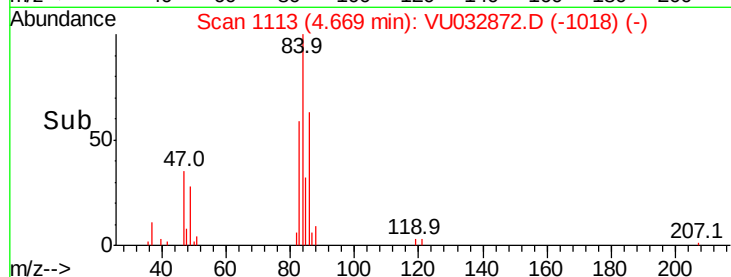
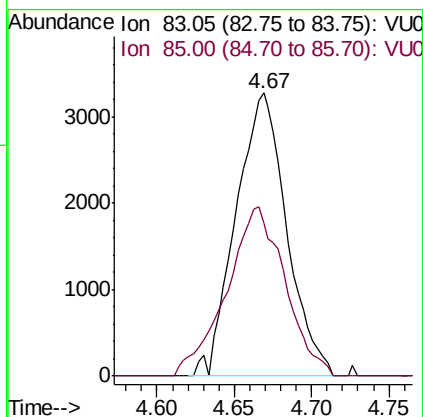
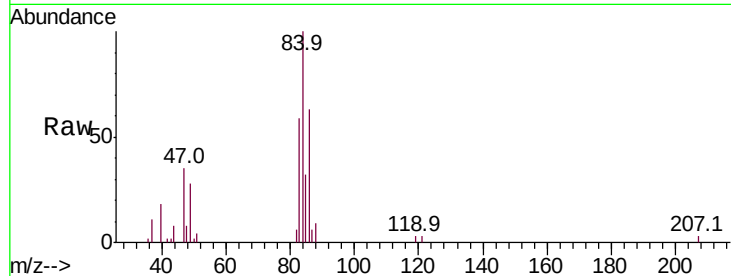




#25
Chloroform
Concen: 0.603 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VU032872.D
Acq: 19 Jun 2019 20:54

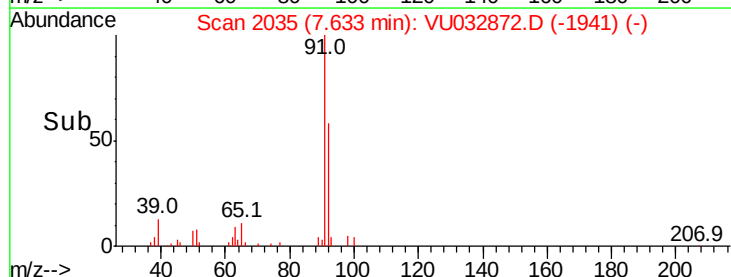
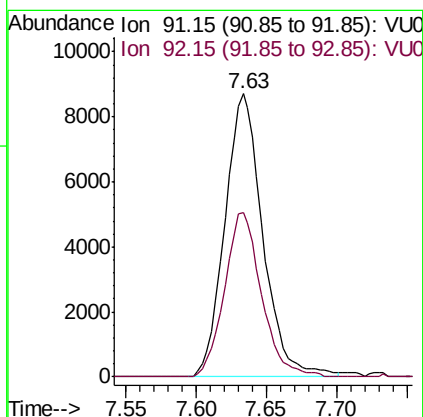
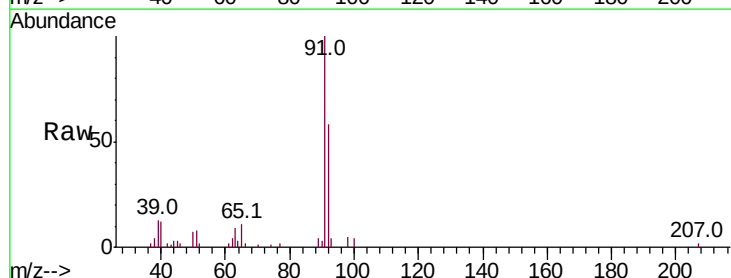
Instrument :
MSVOA_U
ClientSampleId :
GALF4

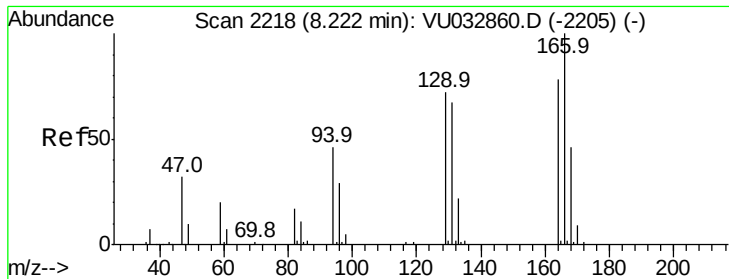
Tot Ion: 83 Resp: 7463
Ion Ratio Lower Upper
83 100
85 53.8 43.8 81.3



#42
Toluene
Concen: 0.520 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU032872.D
Acq: 19 Jun 2019 20:54

Tgt Ion: 91 Resp: 16381
Ion Ratio Lower Upper
91 100
92 58.1 40.9 75.9





#47

Tetrachloroethene

Concen: 0.538 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. -0.00 min

Lab File: VU032872.D

Acq: 19 Jun 2019 20:54

Instrument :
MSVOA_U
ClientSampleId :
GALF4

Tot Ion:164 Resp: 3445

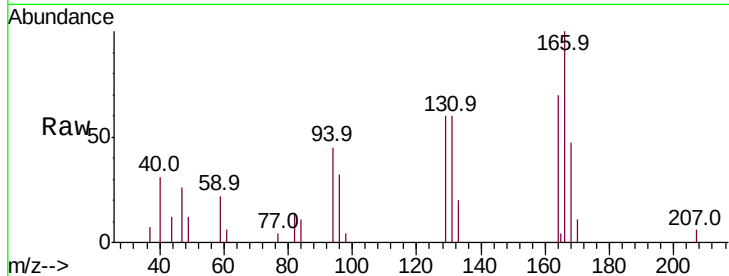
Ion Ratio Lower Upper

164 100

129 85.4 66.1 122.7

131 85.6 65.6 121.8

166 141.9 93.2 173.2

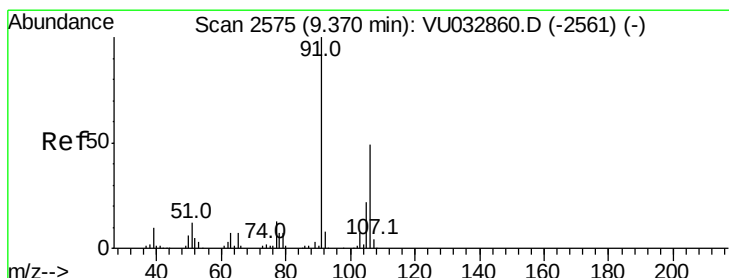
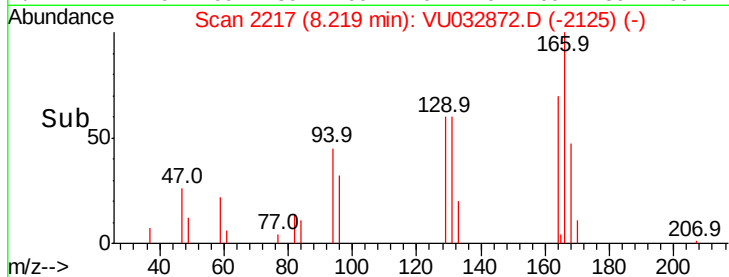
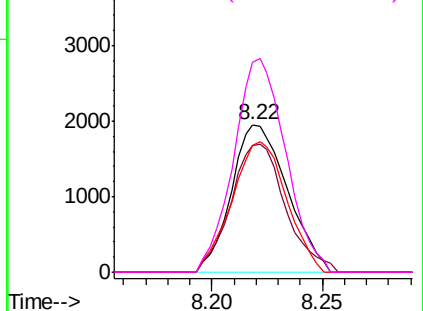


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#53

m,p-Xylene

Concen: 0.226 ug/L

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU032872.D

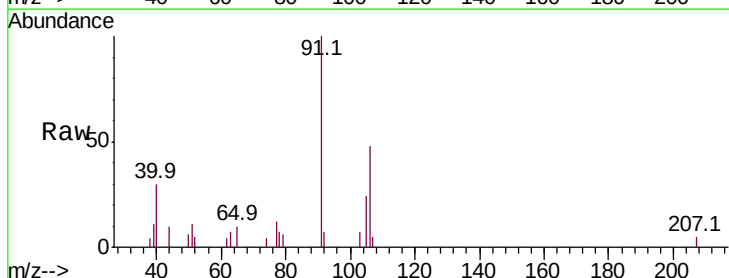
Acq: 19 Jun 2019 20:54

Tgt Ion:106 Resp: 2980

Ion Ratio Lower Upper

106 100

91 209.0 142.4 264.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

