

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
 Data File : VU032871.D
 Acq On : 19 Jun 2019 20:30
 Operator : JC/SP
 Sample : K3413-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALF3

Quant Time: Jun 20 08:27:37 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	102725	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	98660	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	51851	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	29590	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.68	69	25572	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.27	63	48828	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.19	46	112482	60.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.70%
24) Chloroform-d	4.64	84	65956	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
26) 1,2-Dichloroethane-d4	5.31	65	39370	6.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.00%
32) Benzene-d6	5.33	84	125531	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.32	67	40839	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.56	98	112733	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	7.85	79	16715	5.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.40%
46) 2-Hexanone-d5	8.31	63	82770	51.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	36383	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	49581	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

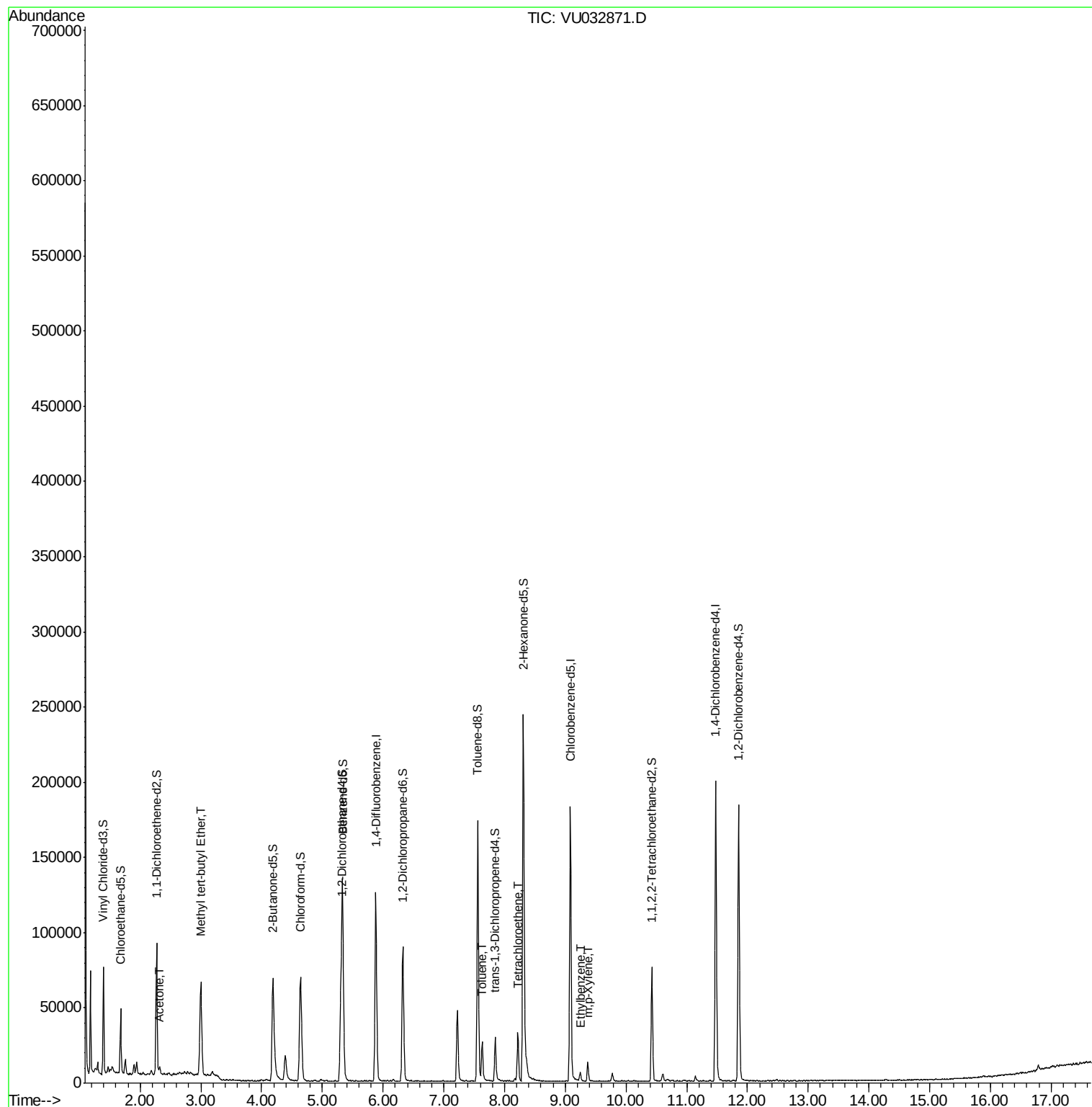
					Ovalue
13) Acetone	2.32	43	4890	3.380 ug/L	91
17) Methyl tert-butyl Ether	3.00	73	59830	3.134 ug/L	96
42) Toluene	7.63	91	19795	0.611 ug/L	96
47) Tetrachloroethene	8.22	164	6956	1.056 ug/L	98
52) Ethylbenzene	9.25	91	4067	0.114 ug/L	93
53) m,p-Xylene	9.37	106	3755	0.277 ug/L	84

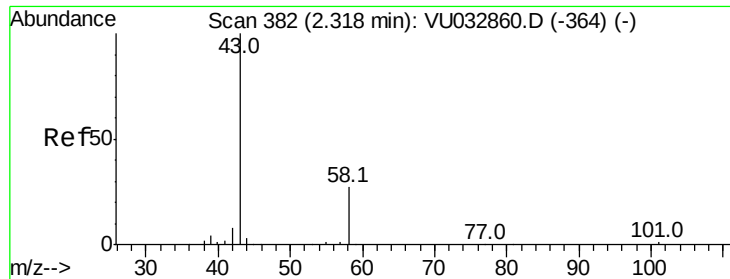
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032871.D
Acq On : 19 Jun 2019 20:30
Operator : JC/SP
Sample : K3413-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALF3

Quant Time: Jun 20 08:27:37 2019
Quant Method : Z:\V0ASRV\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





#13

Acetone

Concen: 3.380 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032871.D

Acq: 19 Jun 2019 20:30

Instrument :

MSVOA_U

ClientSampled :

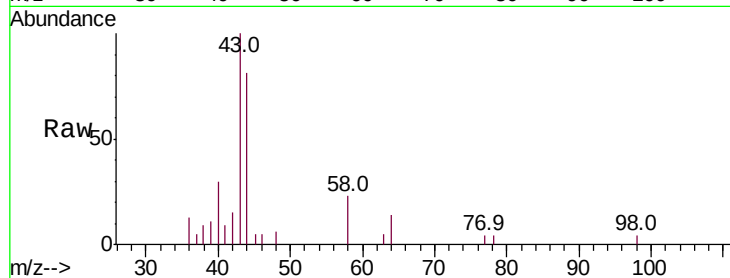
GALF3

Tot Ion: 43 Resp: 4890

Ion Ratio Lower Upper

43 100

58 25.5 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032860.D (-364) (-)

Ion 58.05 (57.75 to 58.75): VU032860.D (-364) (-)

2.32

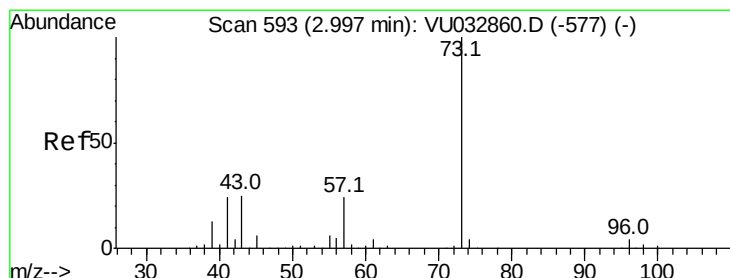
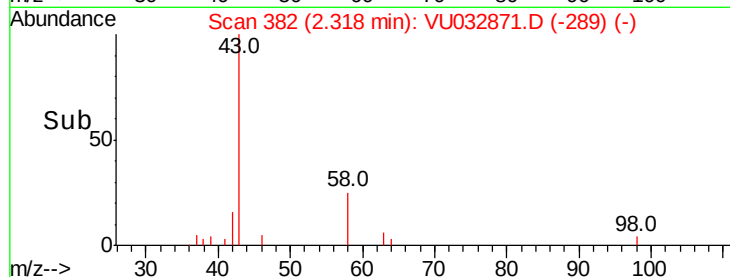
3000

2000

1000

0

Time--> 2.25 2.30 2.35



#17

Methyl tert-butyl Ether

Concen: 3.134 ug/L

RT: 3.00 min Scan# 594

Delta R.T. 0.00 min

Lab File: VU032871.D

Acq: 19 Jun 2019 20:30

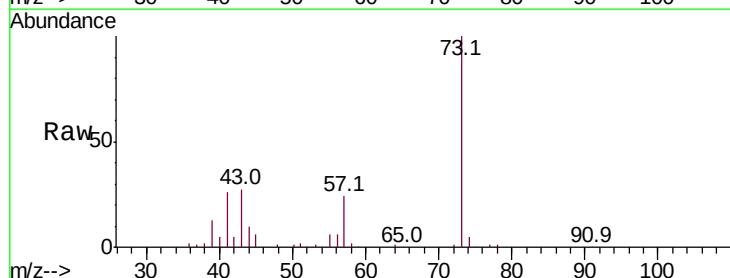
Tgt Ion: 73 Resp: 59830

Ion Ratio Lower Upper

73 100

43 25.0 18.6 27.8

57 25.4 18.3 27.5



Abundance Ion 73.10 (72.80 to 73.80): VU032860.D (-577) (-)

Ion 43.05 (42.75 to 43.75): VU032860.D (-577) (-)

Ion 57.10 (56.80 to 57.80): VU032860.D (-577) (-)

3.00

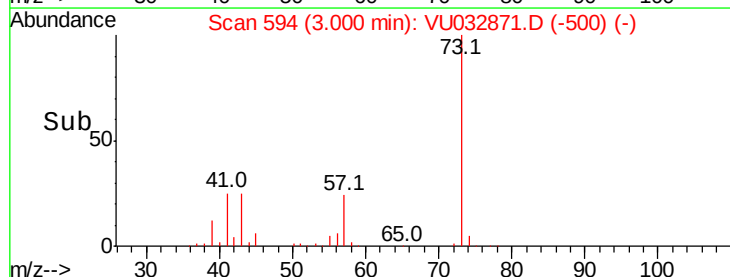
30000

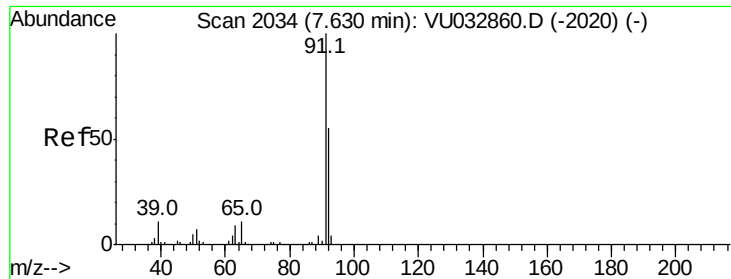
20000

10000

0

Time--> 2.90 2.95 3.00 3.05 3.10





#42

Toluene

Concen: 0.611 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU032871.D

Acq: 19 Jun 2019 20:30

Instrument :

MSVOA_U

ClientSampleId :

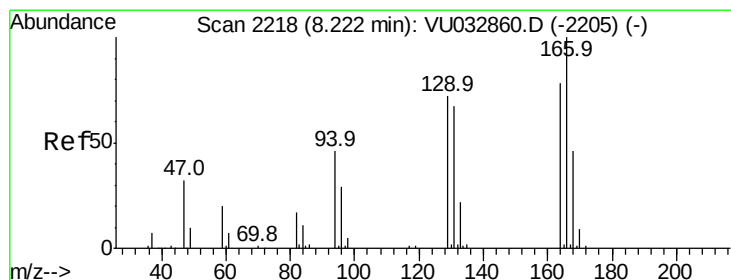
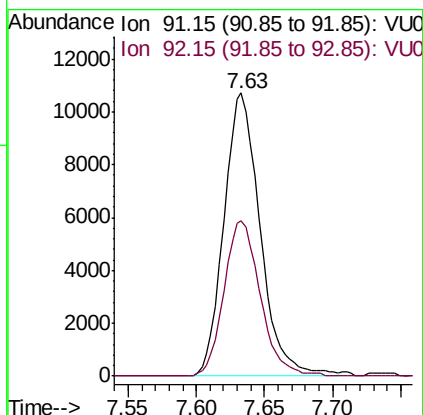
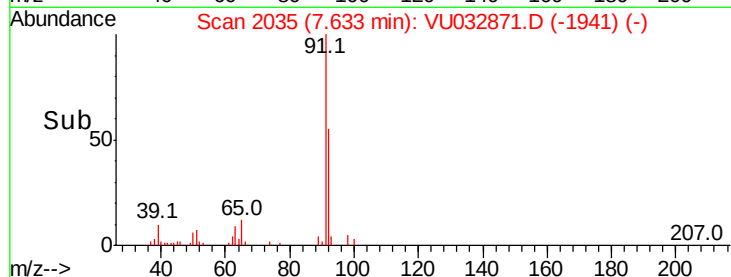
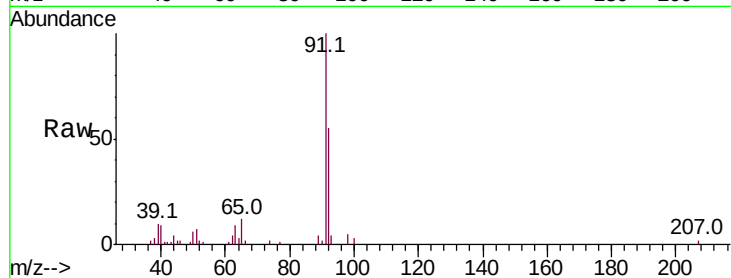
GALF3

Tot Ion: 91 Resp: 19795

Ion Ratio Lower Upper

91 100

92 55.1 40.9 75.9



#47

Tetrachloroethene

Concen: 1.056 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032871.D

Acq: 19 Jun 2019 20:30

Tgt Ion: 164 Resp: 6956

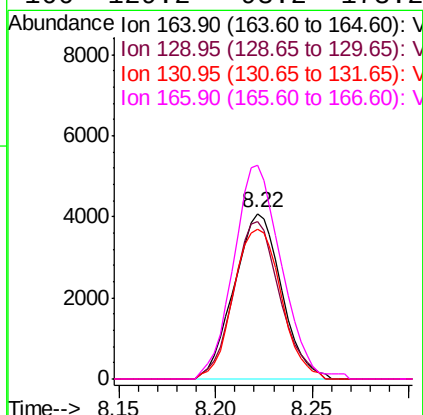
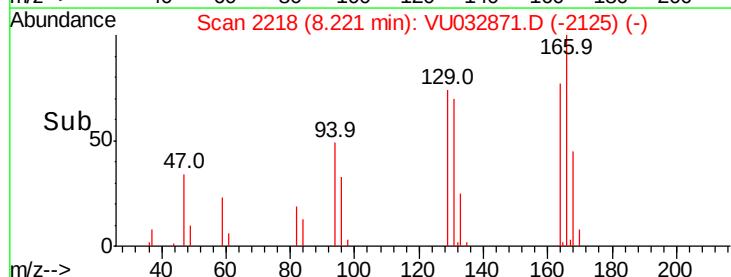
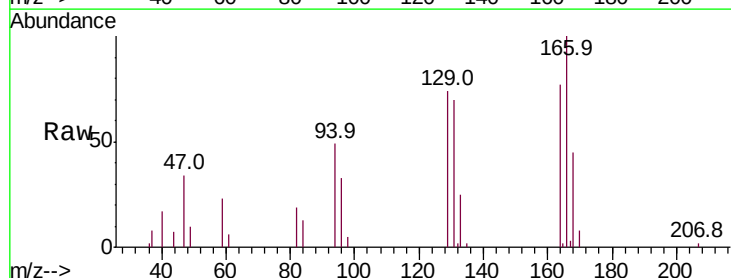
Ion Ratio Lower Upper

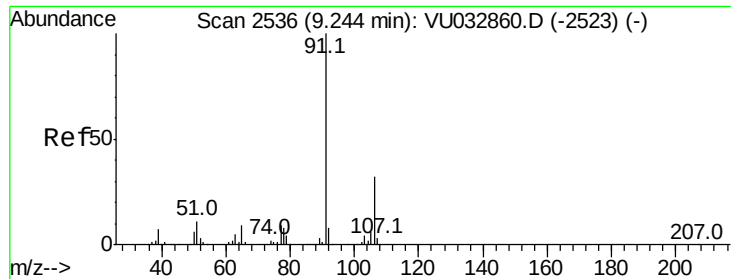
164 100

129 95.2 66.1 122.7

131 90.9 65.6 121.8

166 129.2 93.2 173.2





#52

Ethylbenzene

Concen: 0.114 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU032871.D

Acq: 19 Jun 2019 20:30

Instrument :

MSVOA_U

ClientSampleId :

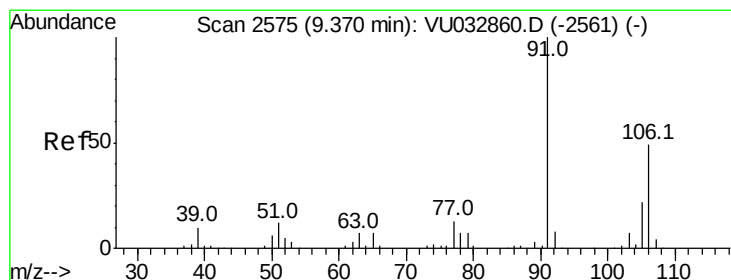
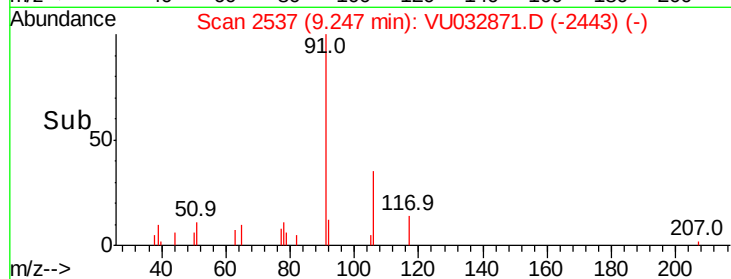
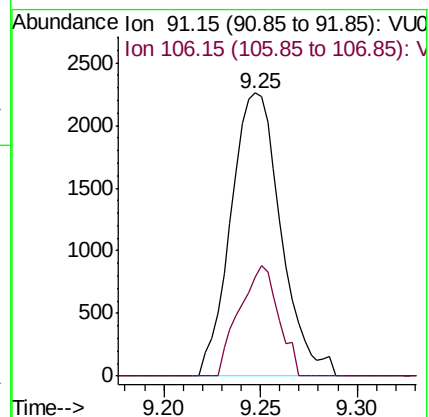
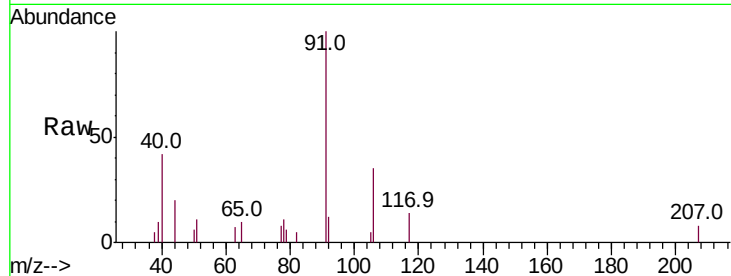
GALF3

Tot Ion: 91 Resp: 4067

Ion Ratio Lower Upper

91 100

106 35.1 21.8 40.6



#53

m,p-Xylene

Concen: 0.277 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU032871.D

Acq: 19 Jun 2019 20:30

Tgt Ion: 106 Resp: 3755

Ion Ratio Lower Upper

106 100

91 227.4 142.4 264.4

