

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
 Data File : VU032866.D
 Acq On : 19 Jun 2019 18:29
 Operator : JC/SP
 Sample : K3413-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALG2

Quant Time: Jun 20 08:16:56 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	128452	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	122947	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	65643	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36555	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.68	69	30886	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.27	63	58565	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.19	46	131174	56.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.56%
24) Chloroform-d	4.64	84	76149	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.31	65	45961	5.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.60%
32) Benzene-d6	5.33	84	150484	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.32	67	47810	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.56	98	139323	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.85	79	20338	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	8.31	63	105059	52.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	42045	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	60245	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

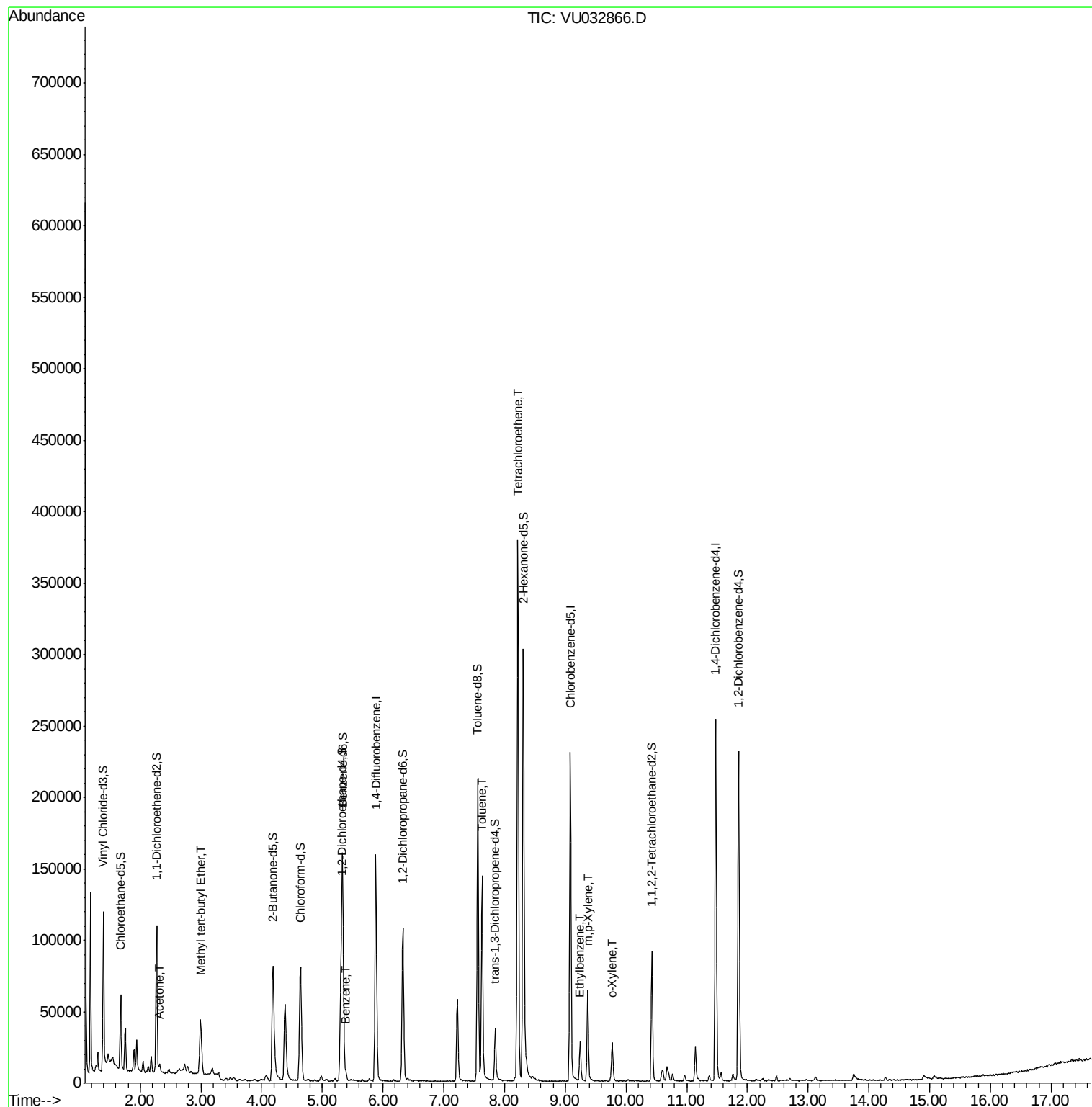
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	5119	2.830	ug/L	92
17) Methyl tert-butyl Ether	3.00	73	34029	1.426	ug/L #	86
33) Benzene	5.39	78	5788	0.160	ug/L	100
42) Toluene	7.63	91	101145	2.504	ug/L	99
47) Tetrachloroethene	8.22	164	80785	9.845	ug/L	96
52) Ethylbenzene	9.25	91	19338	0.434	ug/L	92
53) m,p-Xylene	9.37	106	18980	1.124	ug/L	98
54) o-Xylene	9.77	106	7466	0.443	ug/L	95

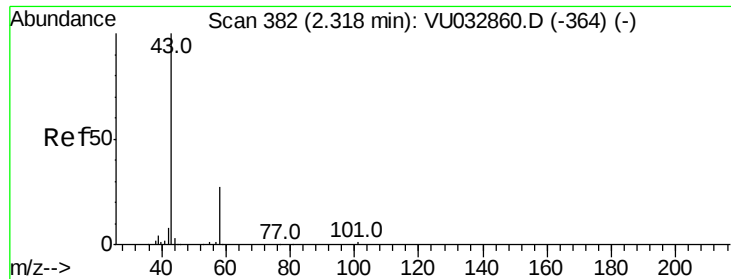
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.830 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032866.D

Acq: 19 Jun 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

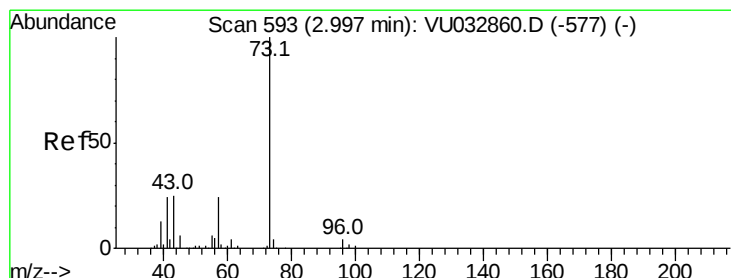
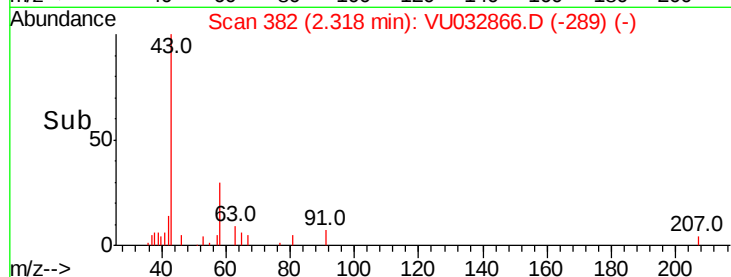
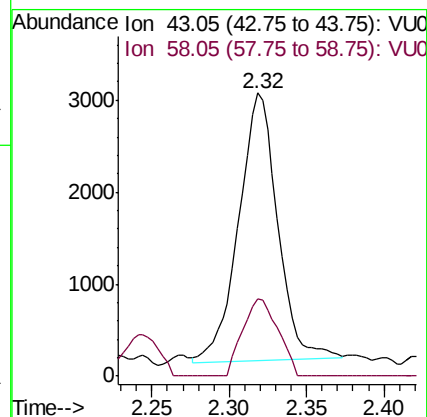
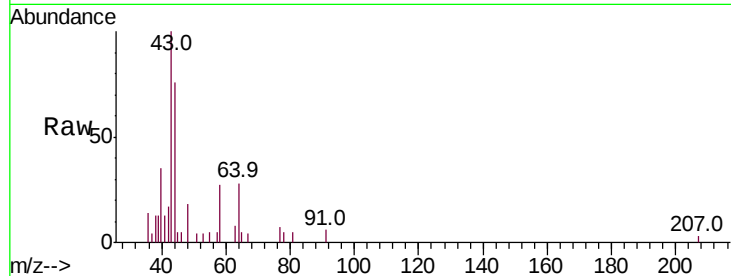
GALG2

Tot Ion: 43 Resp: 5119

Ion Ratio Lower Upper

43 100

58 25.9 0.0 60.8



#17

Methyl tert-butyl Ether

Concen: 1.426 ug/L

RT: 3.00 min Scan# 593

Delta R.T. -0.00 min

Lab File: VU032866.D

Acq: 19 Jun 2019 18:29

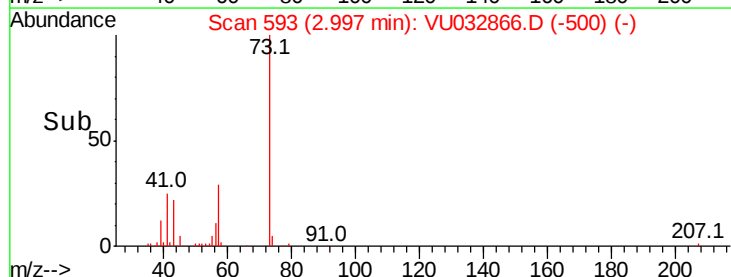
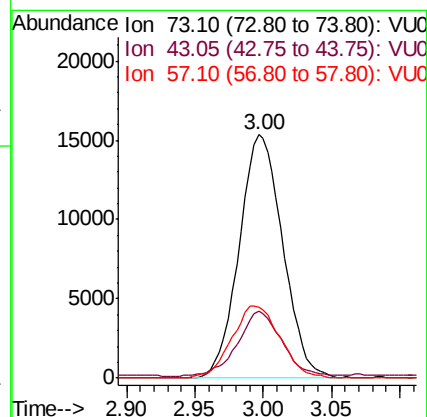
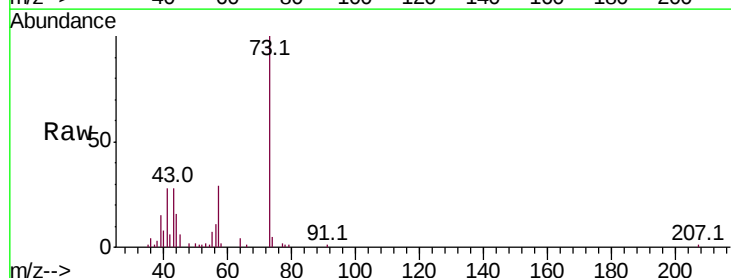
Tgt Ion: 73 Resp: 34029

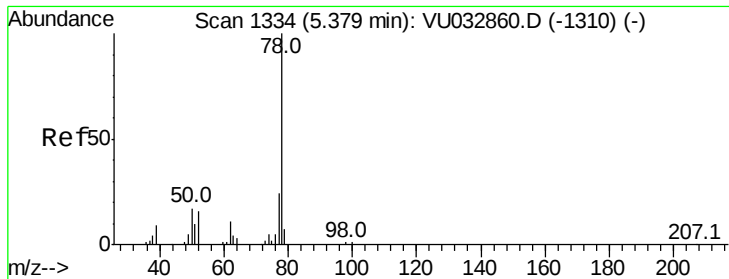
Ion Ratio Lower Upper

73 100

43 27.1 18.6 27.8

57 32.8 18.3 27.5#





#33

Benzene

Concen: 0.160 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. 0.01 min

Lab File: VU032866.D

Acq: 19 Jun 2019 18:29

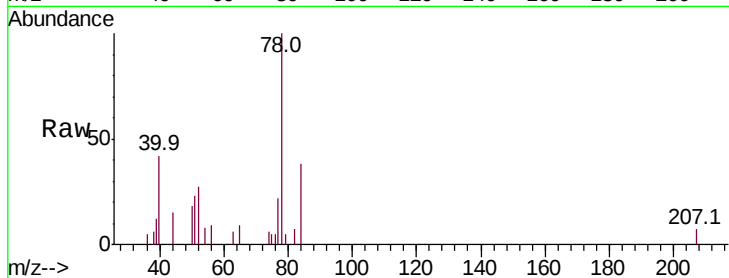
Instrument :

MSVOA_U

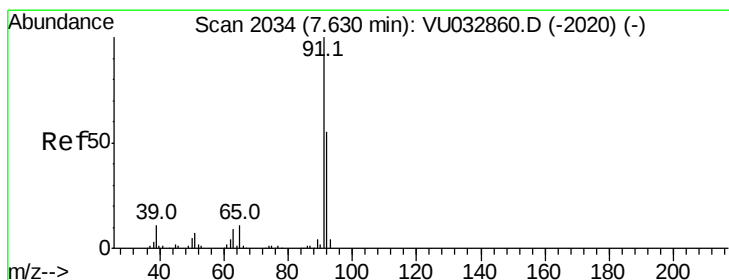
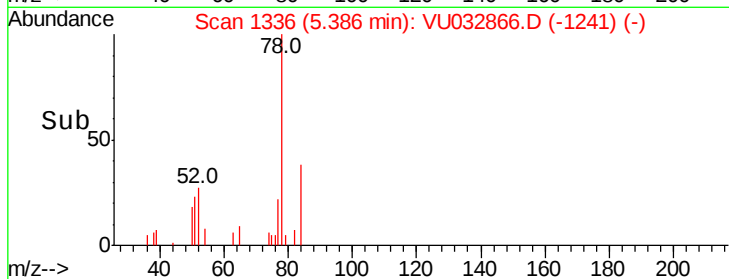
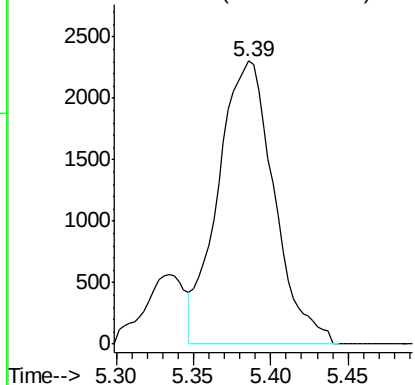
ClientSampleId :

GALG2

Tgt Ion: 78 Resp: 5788



Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 2.504 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU032866.D

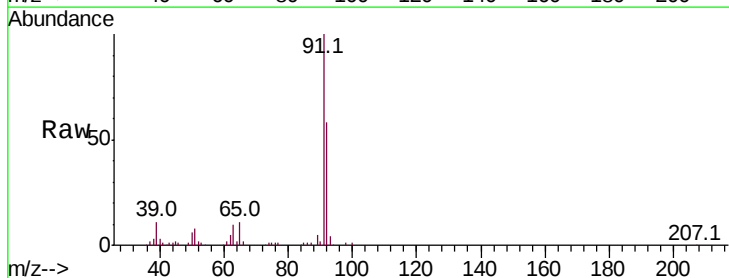
Acq: 19 Jun 2019 18:29

Tgt Ion: 91 Resp: 101145

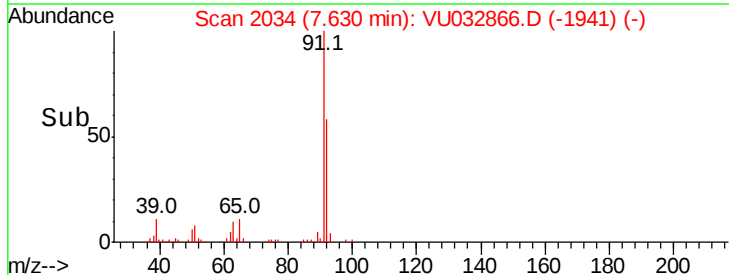
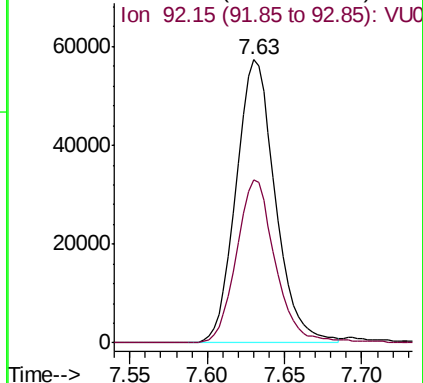
Ion Ratio Lower Upper

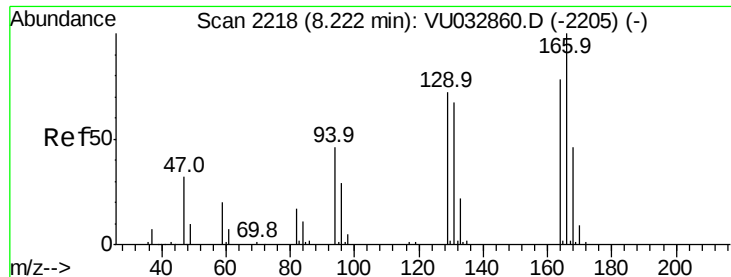
91 100

92 57.5 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU0





#47

Tetrachloroethene

Concen: 9.845 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032866.D

Acq: 19 Jun 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

GALG2

Tot Ion:164 Resp: 80785

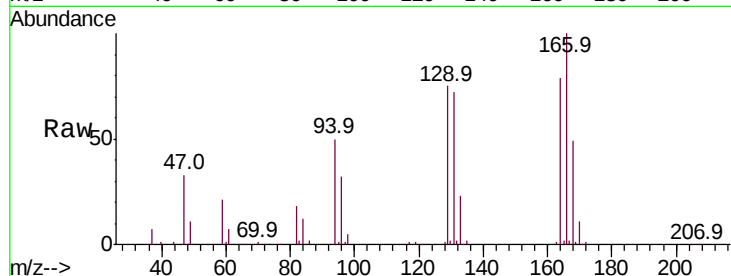
Ion Ratio Lower Upper

164 100

129 94.7 66.1 122.7

131 90.4 65.6 121.8

166 126.2 93.2 173.2

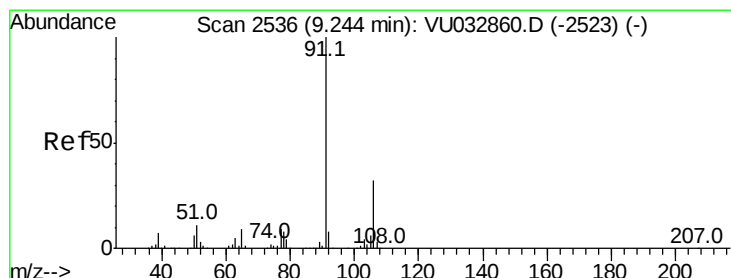
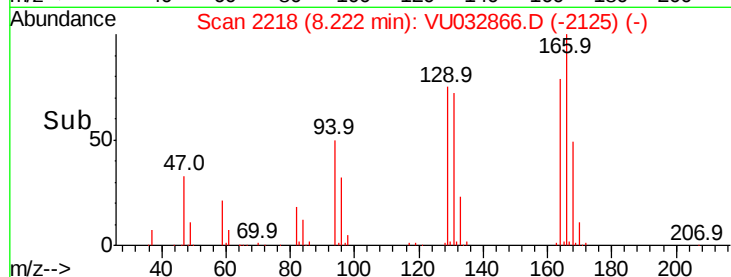
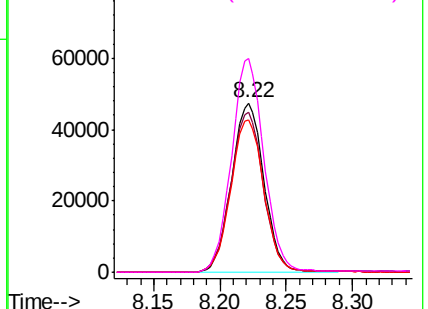


Abundance Ion 163.90 (163.60 to 164.60): V

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



#52

Ethylbenzene

Concen: 0.434 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU032866.D

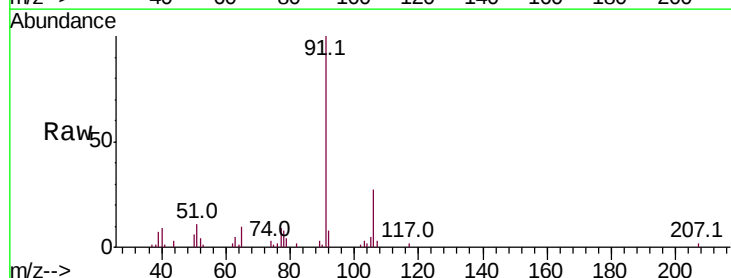
Acq: 19 Jun 2019 18:29

Tgt Ion: 91 Resp: 19338

Ion Ratio Lower Upper

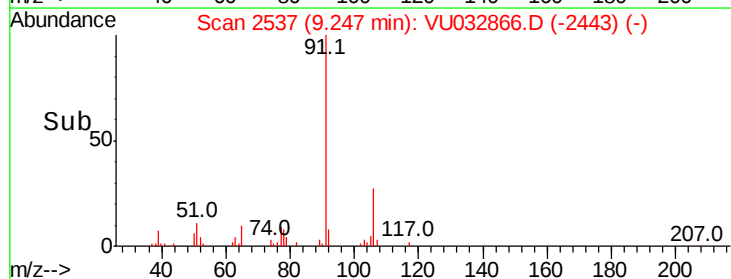
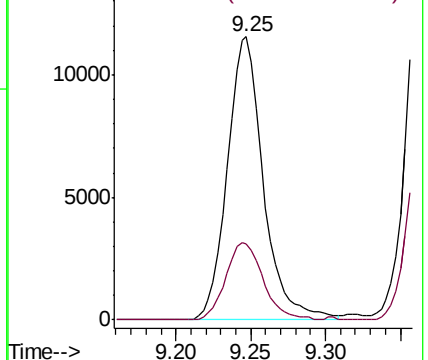
91 100

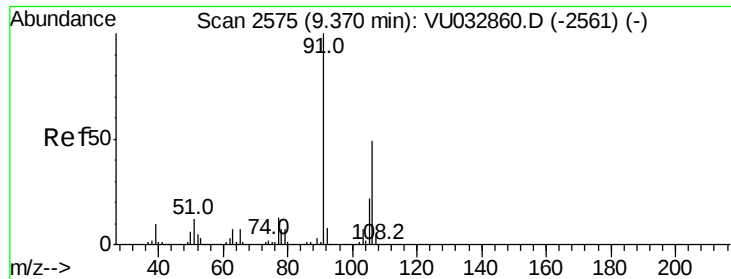
106 26.9 21.8 40.6



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V





#53

m,p-Xylene

Concen: 1.124 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU032866.D

Acq: 19 Jun 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

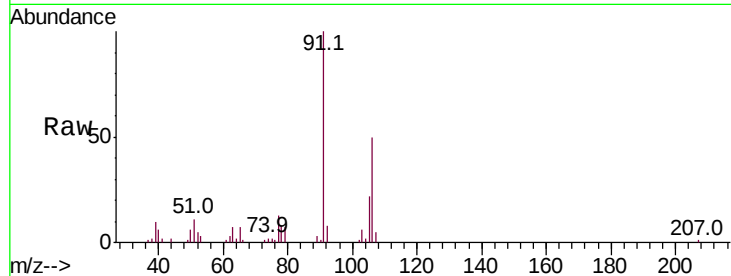
GALG2

Tot Ion:106 Resp: 18980

Ion Ratio Lower Upper

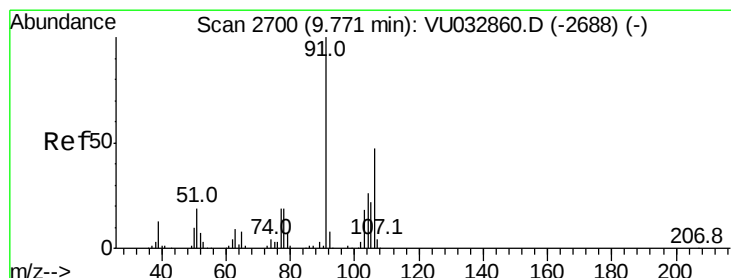
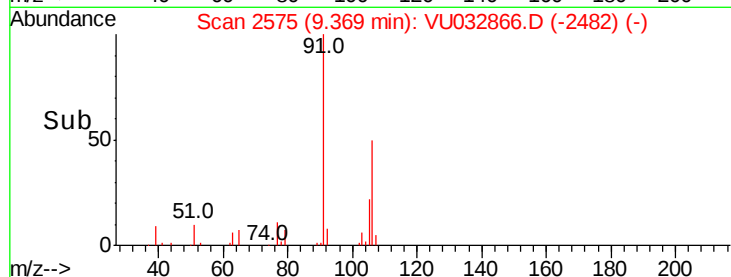
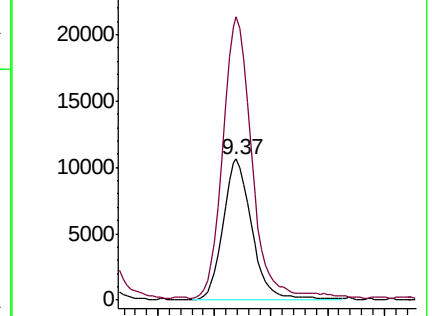
106 100

91 200.5 142.4 264.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 0.443 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VU032866.D

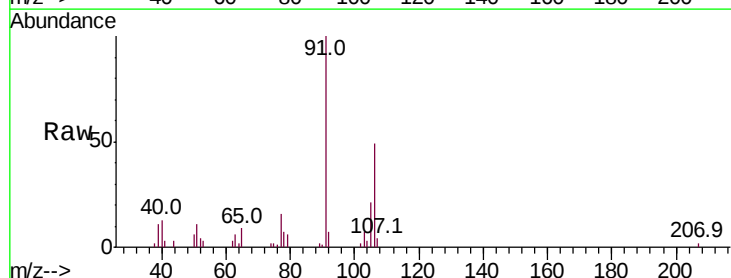
Acq: 19 Jun 2019 18:29

Tgt Ion:106 Resp: 7466

Ion Ratio Lower Upper

106 100

91 205.0 148.8 276.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

