

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061919\
 Data File : VU032867.D
 Acq On : 19 Jun 2019 18:53
 Operator : JC/SP
 Sample : K3413-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALG1

Quant Time: Jun 20 08:19:01 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	113614	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	109159	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	58441	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	31807	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.68	69	28795	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.27	63	53045	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.19	46	124396	60.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.68%
24) Chloroform-d	4.64	84	71418	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.31	65	43258	6.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.20%
32) Benzene-d6	5.33	84	139303	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.32	67	44898	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	7.56	98	128752	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
43) trans-1,3-Dichloropropene-	7.85	79	18259	5.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.20%
46) 2-Hexanone-d5	8.31	63	97392	54.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	39836	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	55654	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

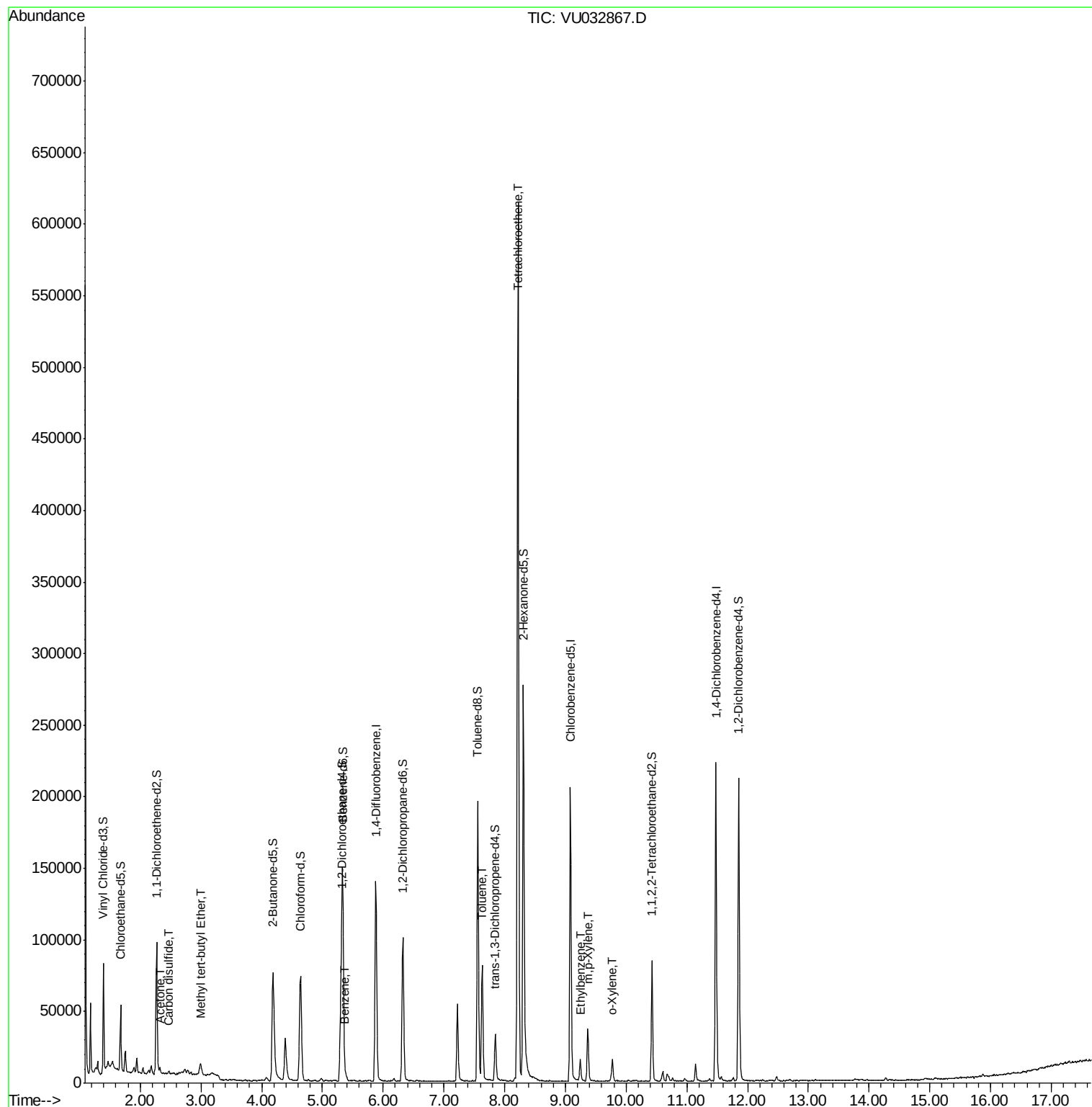
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	3647	2.279	ug/L	88
14) Carbon disulfide	2.47	76	2343	0.101	ug/L #	74
17) Methyl tert-butyl Ether	3.00	73	5314	0.252	ug/L #	87
33) Benzene	5.38	78	3928	0.122	ug/L	100
42) Toluene	7.63	91	58377	1.627	ug/L	99
47) Tetrachloroethene	8.22	164	132354	18.168	ug/L	96
52) Ethylbenzene	9.25	91	11418	0.289	ug/L	98
53) m,p-Xylene	9.37	106	10358	0.691	ug/L	96
54) o-Xylene	9.77	106	4092	0.274	ug/L	85

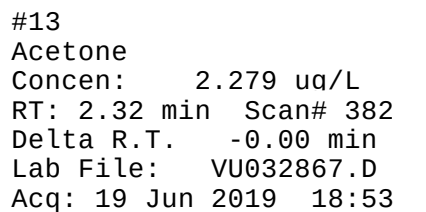
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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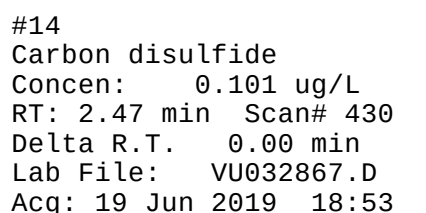
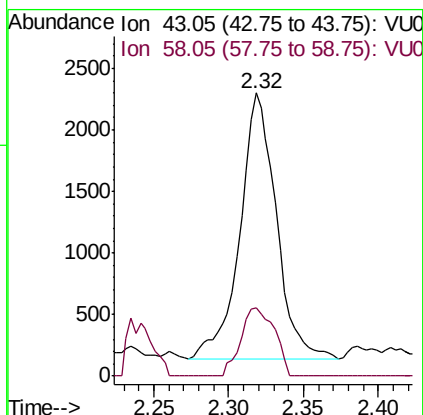
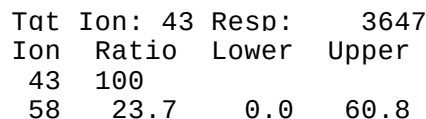
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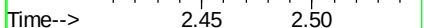
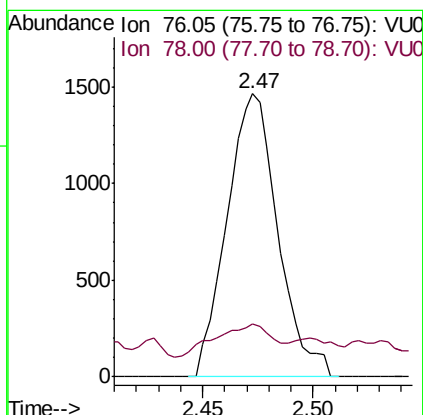


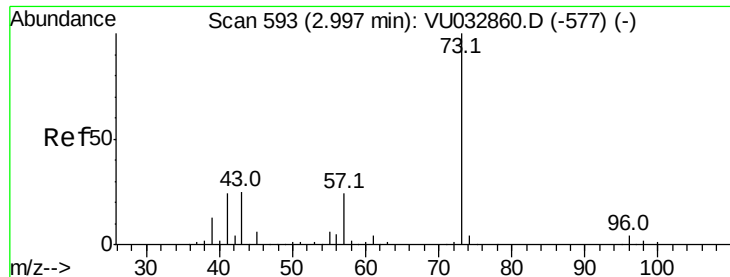


Instrument :
MSVOA_U
ClientSampleId :
GALG1



Tgt	Ion: 76	Resp:	2343
Ion	Ratio	Lower	Upper
76	100		
78	18.6	7.3	10.9#

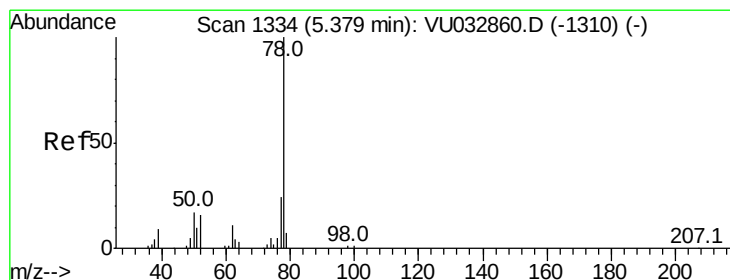
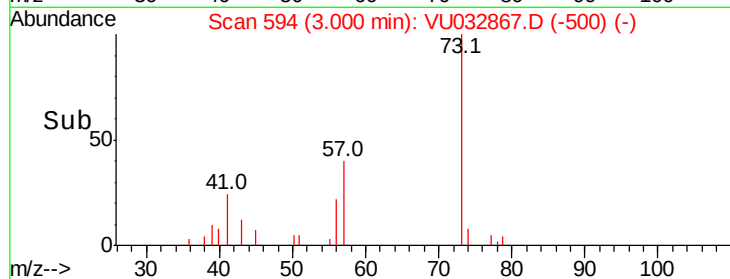
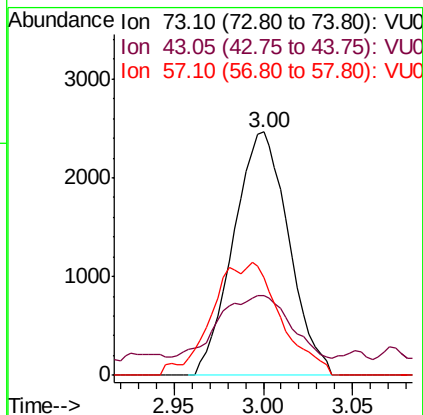
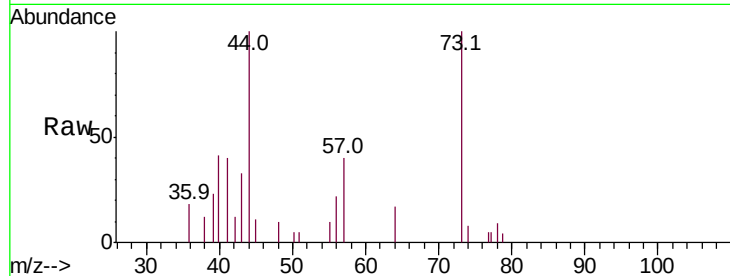




#17
Methvl tert-butvl Ether
Concen: 0.252 ug/L
RT: 3.00 min Scan# 594
Delta R.T. 0.00 min
Lab File: VU032867.D
Acq: 19 Jun 2019 18:53

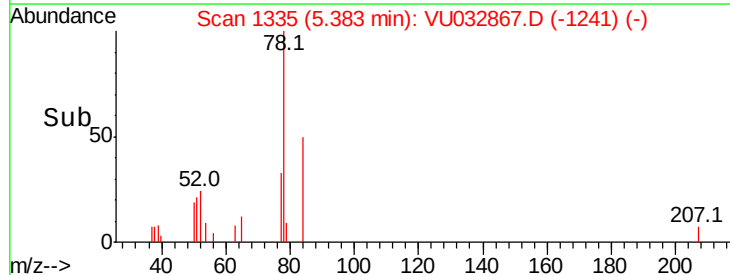
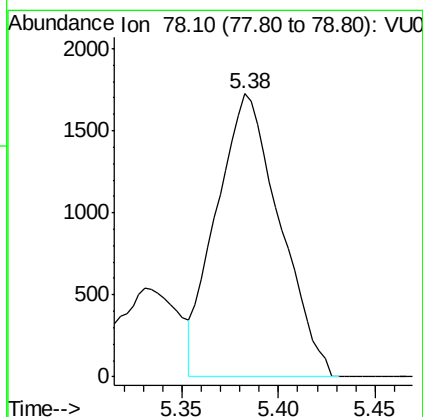
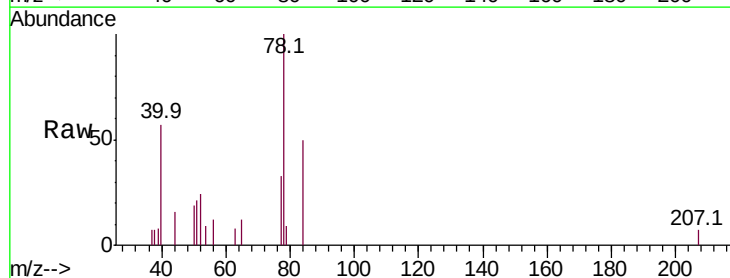
Instrument :
MSVOA_U
ClientSampleId :
GALG1

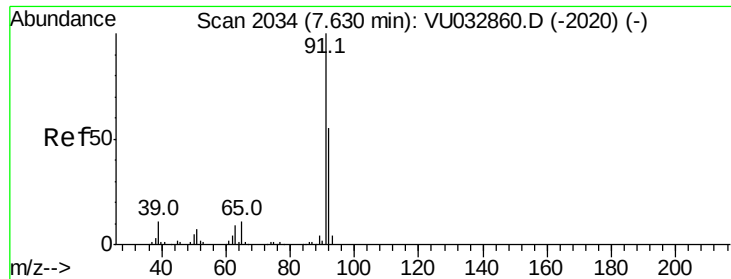
Tot Ion: 73 Resp: 5314
Ion Ratio Lower Upper
73 100
43 32.3 18.6 27.8#
57 26.4 18.3 27.5



#33
Benzene
Concen: 0.122 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU032867.D
Acq: 19 Jun 2019 18:53

Tgt Ion: 78 Resp: 3928





#42

Toluene

Concen: 1.627 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU032867.D

Acq: 19 Jun 2019 18:53

Instrument :

MSVOA_U

ClientSampleId :

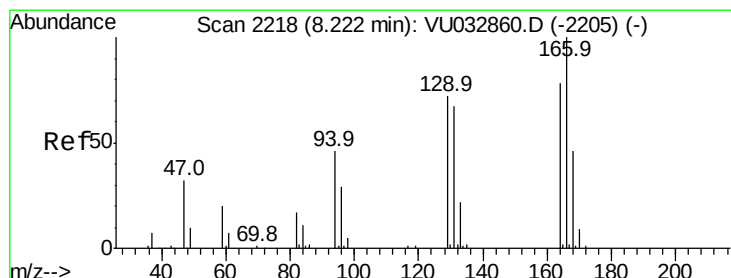
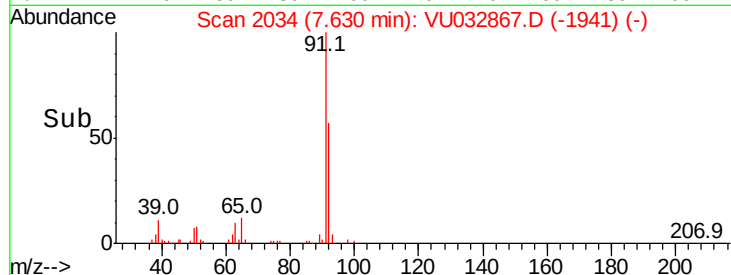
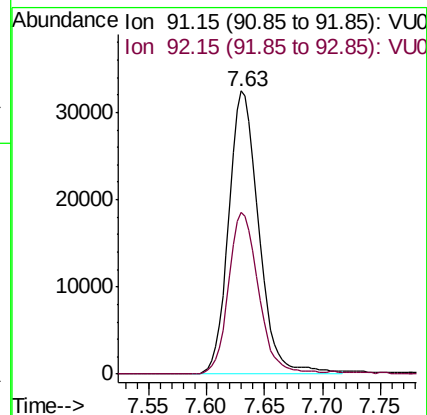
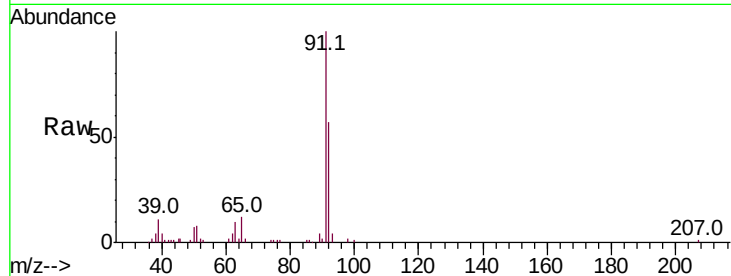
GALG1

Tot Ion: 91 Resp: 58377

Ion Ratio Lower Upper

91 100

92 57.3 40.9 75.9



#47

Tetrachloroethene

Concen: 18.168 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032867.D

Acq: 19 Jun 2019 18:53

Tgt Ion:164 Resp: 132354

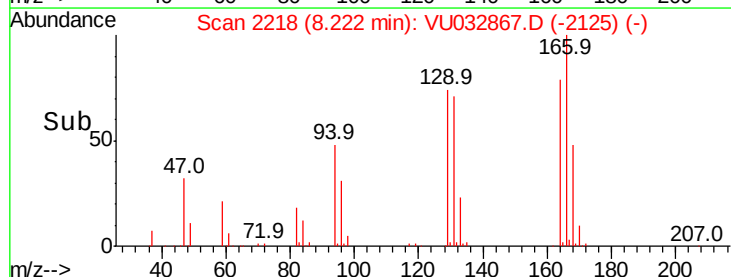
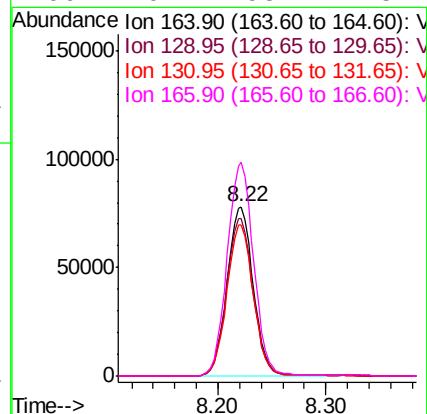
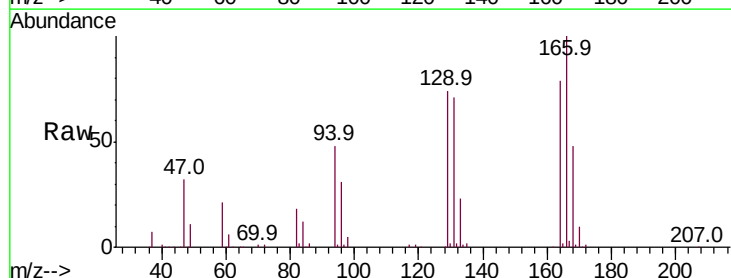
Ion Ratio Lower Upper

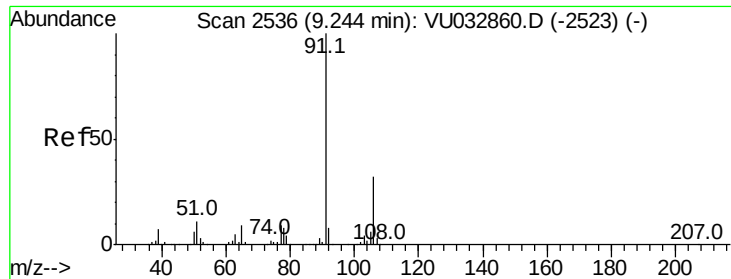
164 100

129 92.8 66.1 122.7

131 89.5 65.6 121.8

166 126.1 93.2 173.2





#52

Ethylbenzene

Concen: 0.289 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU032867.D

Acq: 19 Jun 2019 18:53

Instrument :

MSVOA_U

ClientSampleId :

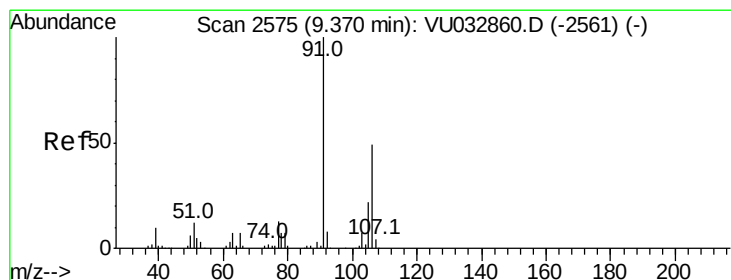
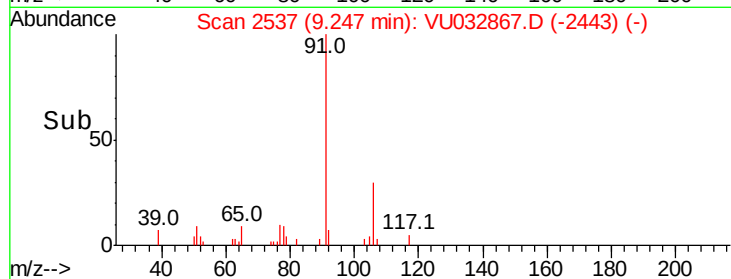
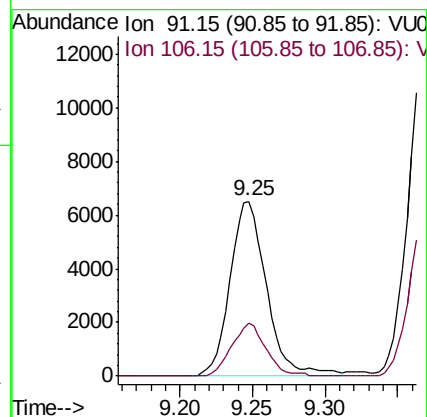
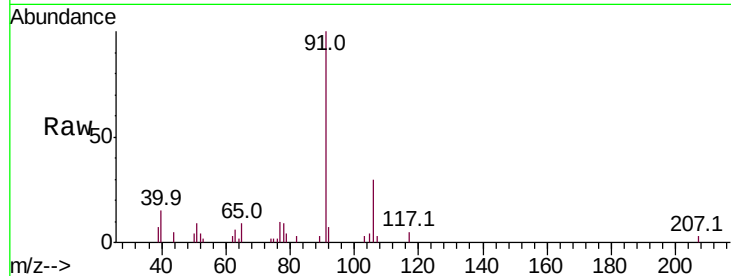
GALG1

Tot Ion: 91 Resp: 11418

Ion Ratio Lower Upper

91 100

106 30.2 21.8 40.6



#53

m,p-Xylene

Concen: 0.691 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU032867.D

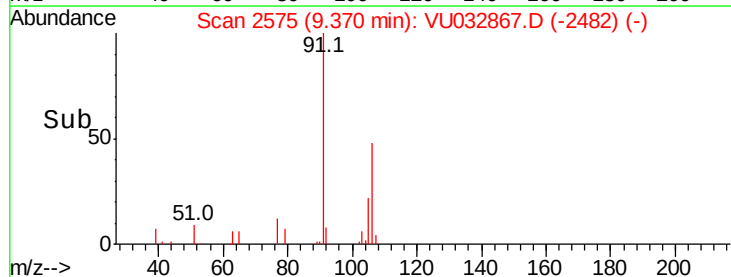
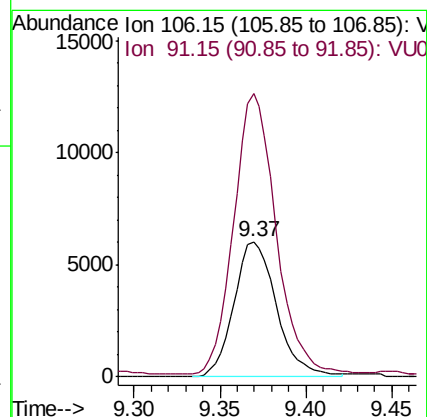
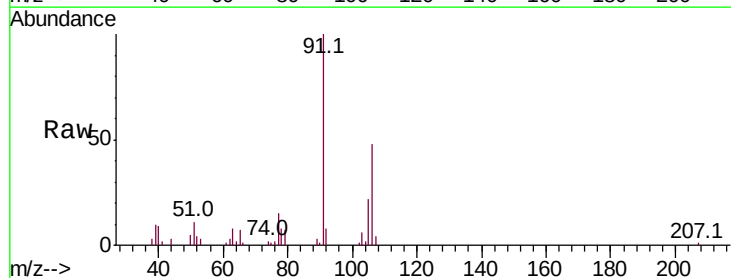
Acq: 19 Jun 2019 18:53

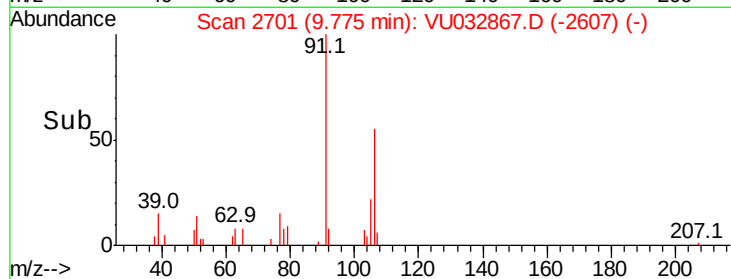
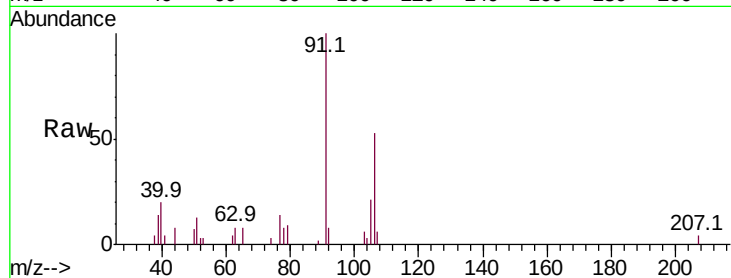
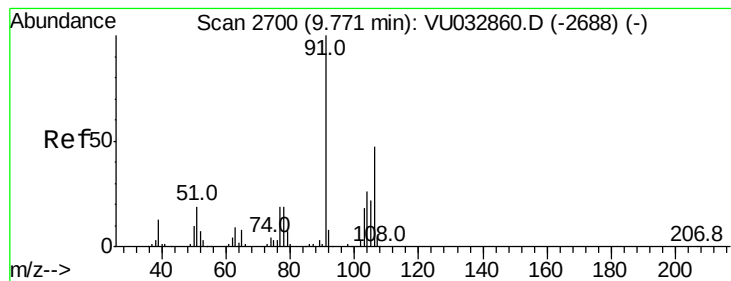
Tgt Ion: 106 Resp: 10358

Ion Ratio Lower Upper

106 100

91 209.8 142.4 264.4





#54

o-Xylene

Concen: 0.274 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VU032867.D

Acq: 19 Jun 2019 18:53

Instrument :

MSVOA_U

ClientSampleId :

GALG1

Tot Ion:106 Resp: 4092

Ion Ratio Lower Upper

106 100

91 189.2 148.8 276.4

