Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
Data File : VU032856.D
Acq On : 19 Jun 2019 14:23
Operator : JC/SP
Sample : K3413-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GALF7

Quant Time: Jun 20 07:08:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 05:14:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	94050	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	90016	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	48614	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	25636	4.19	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.80%			
7) Chloroethane-d5	1.68	69	23520	4.50	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.00%			
11) 1,1-Dichloroethene-d2	2.27	63	40386	3.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.20%			
20) 2-Butanone-d5	4.19	46	99576	58.35	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.70%			
24) Chloroform-d	4.64	84	56865	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.80%			
26) 1,2-Dichloroethane-d4	5.30	65	34379	6.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 120.20%			
32) Benzene-d6	5.33	84	109301	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
36) 1,2-Dichloropropane-d6	6.32	67	35424	5.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.80%			
41) Toluene-d8	7.56	98	96334	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
43) trans-1,3-Dichloropropene-	7.85	79	14722	4.99	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.80%			
46) 2-Hexanone-d5	8.31	63	73274	49.61	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.22%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32055	5.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.20%			
64) 1,2-Dichlorobenzene-d4	11.85	152	42911	4.91	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.20%			
Target Compounds						Qvalue
13) Acetone	2.32	43	22622	17.079	ug/L	97
14) Carbon disulfide	2.47	76	5281	0.276	ug/L #	91
33) Benzene	5.38	78	10246	0.386	ug/L	100
42) Toluene	7.63	91	14187	0.480	ug/L	96
52) Ethylbenzene	9.24	91	3739	0.115	ug/L	90
53) m,p-Xylene	9.37	106	2316	0.187	ug/L	96

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

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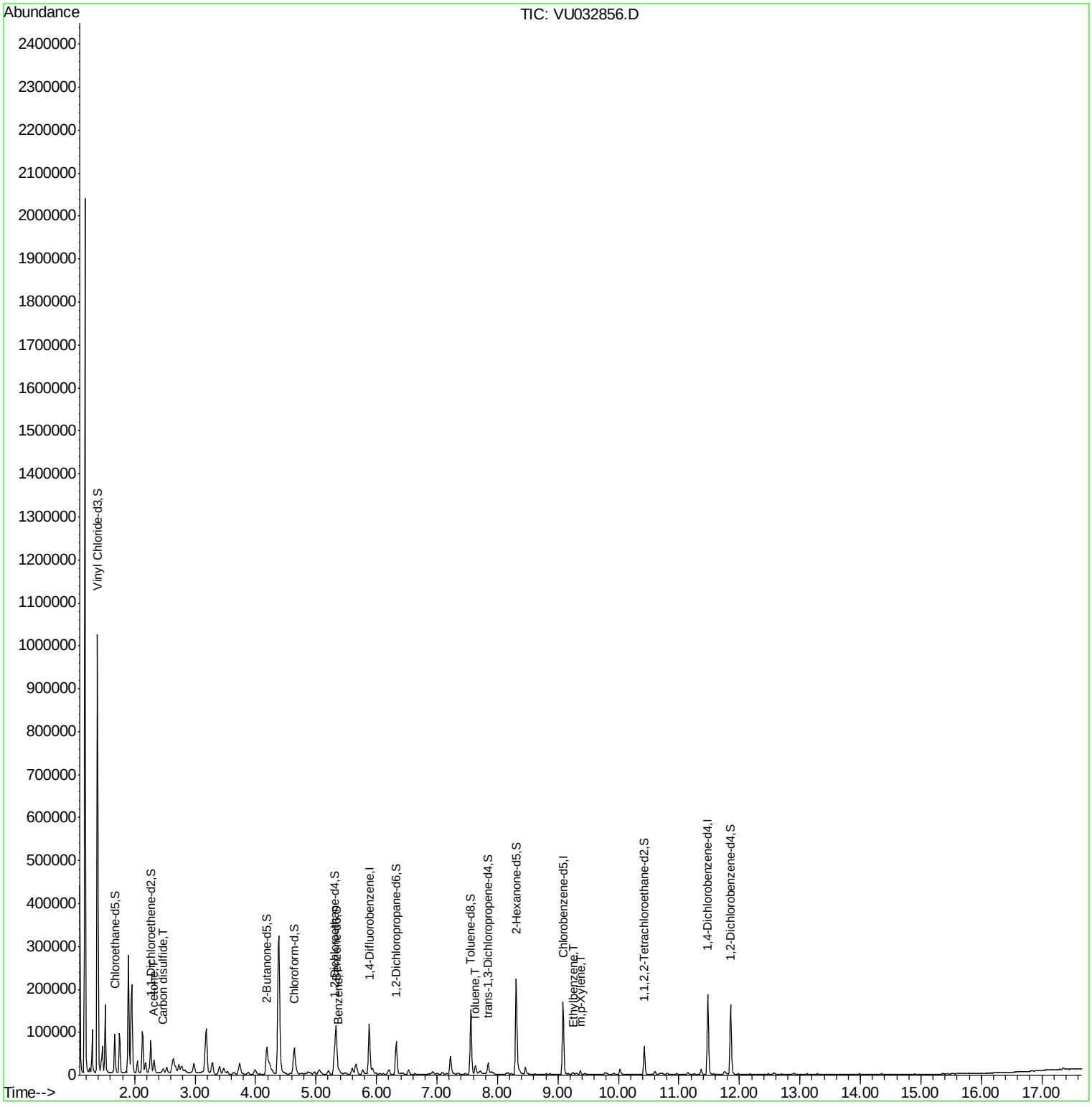
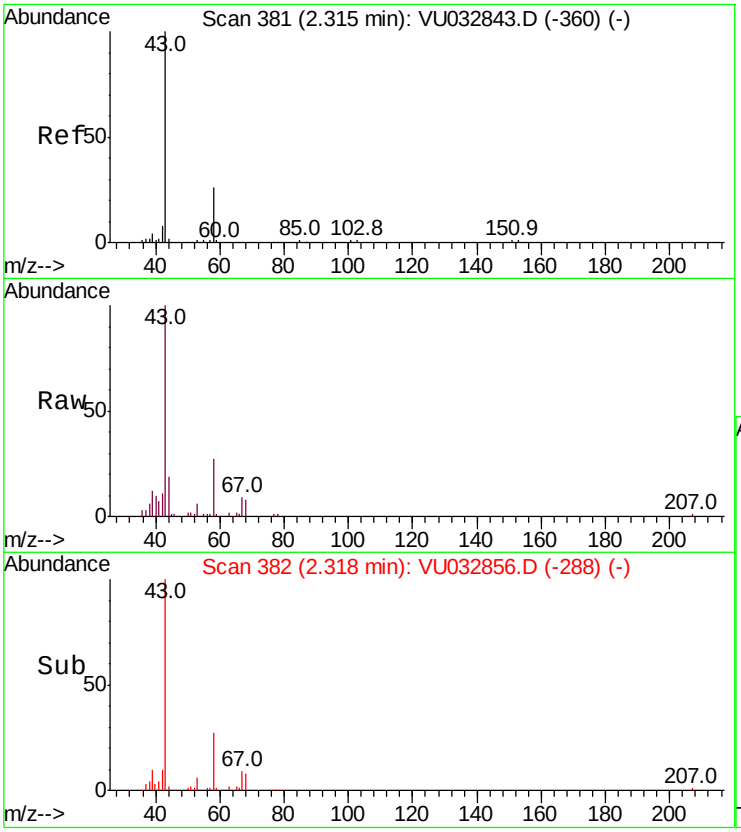
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALF7

Quant Time: Jun 20 07:08:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 05:14:15 2019
Response via : Initial Calibration



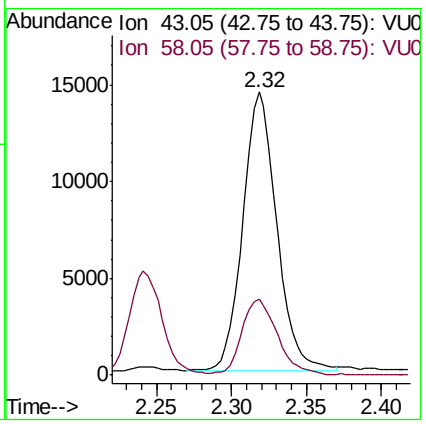


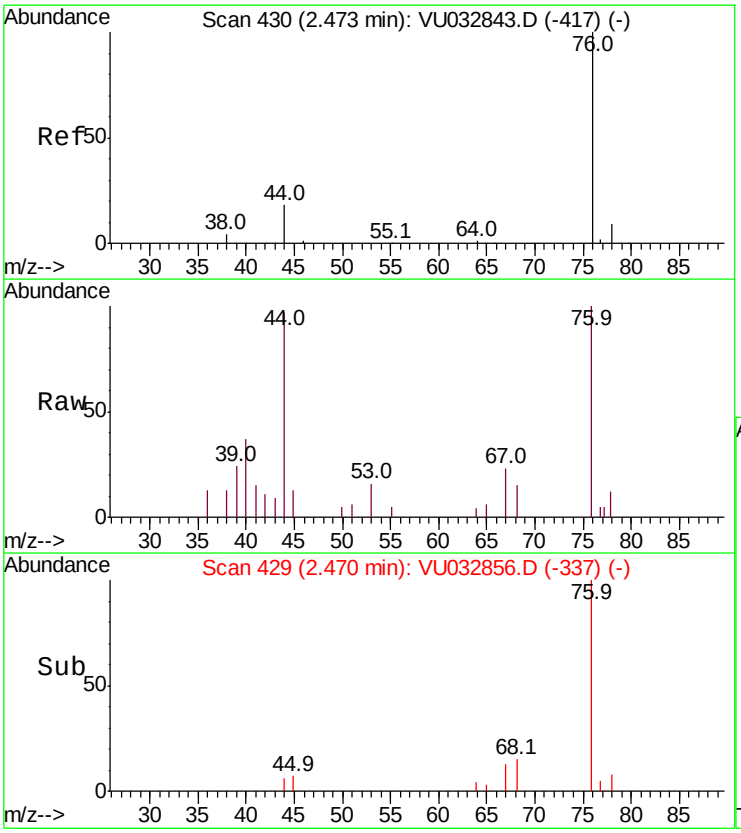
#13
Acetone
Concen: 17.079 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032856.D
Acq: 19 Jun 2019 14:23

Instrument : MSVOA_U
ClientSampleId : GALF7

Tgt Ion: 43 Resp: 22622

Ion	Ratio	Lower	Upper
43	100		
58	28.8	0.0	60.8

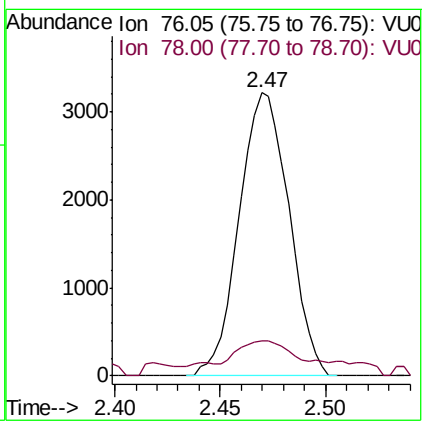


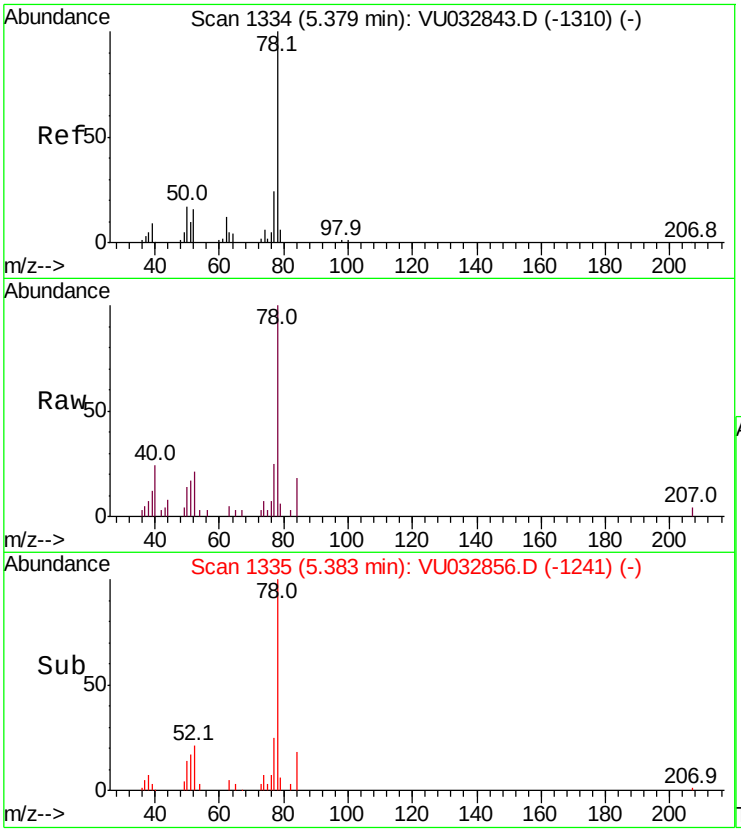


#14
Carbon disulfide
Concen: 0.276 ug/L
RT: 2.47 min Scan# 429
Delta R.T. -0.00 min
Lab File: VU032856.D
Acq: 19 Jun 2019 14:23

Tgt Ion: 76 Resp: 5281

Ion	Ratio	Lower	Upper
76	100		
78	12.5	7.3	10.9#

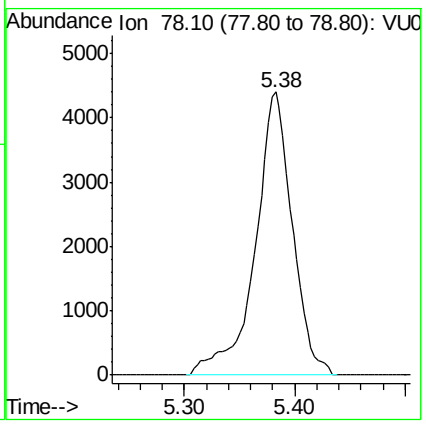


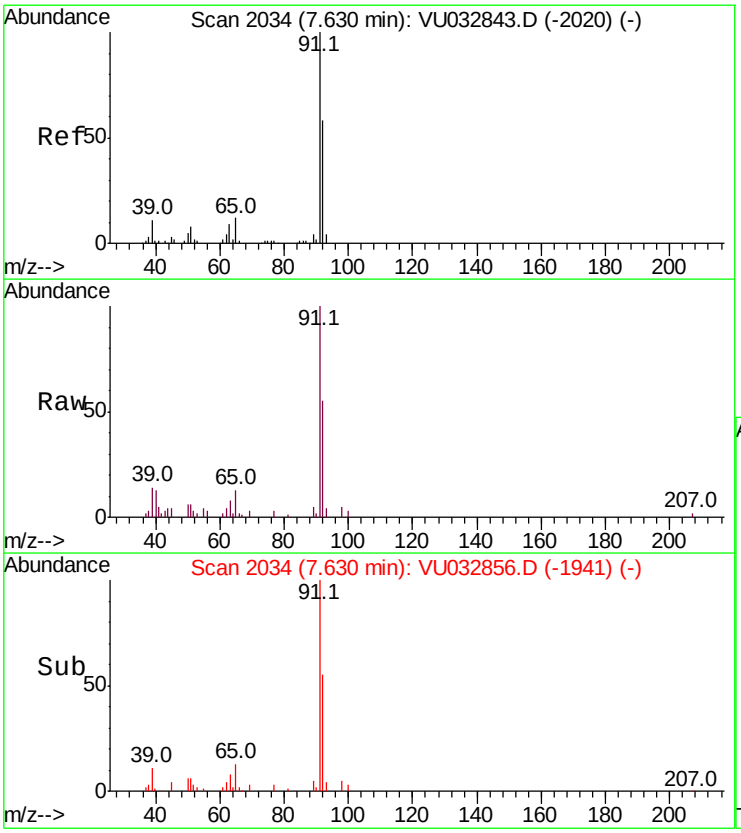


#33
Benzene
Concen: 0.386 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU032856.D
Acq: 19 Jun 2019 14:23

Instrument : MSVOA_U
ClientSampleId : GALF7

Tgt Ion: 78 Resp: 10246

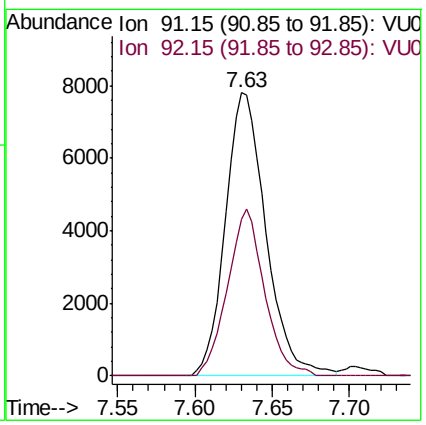


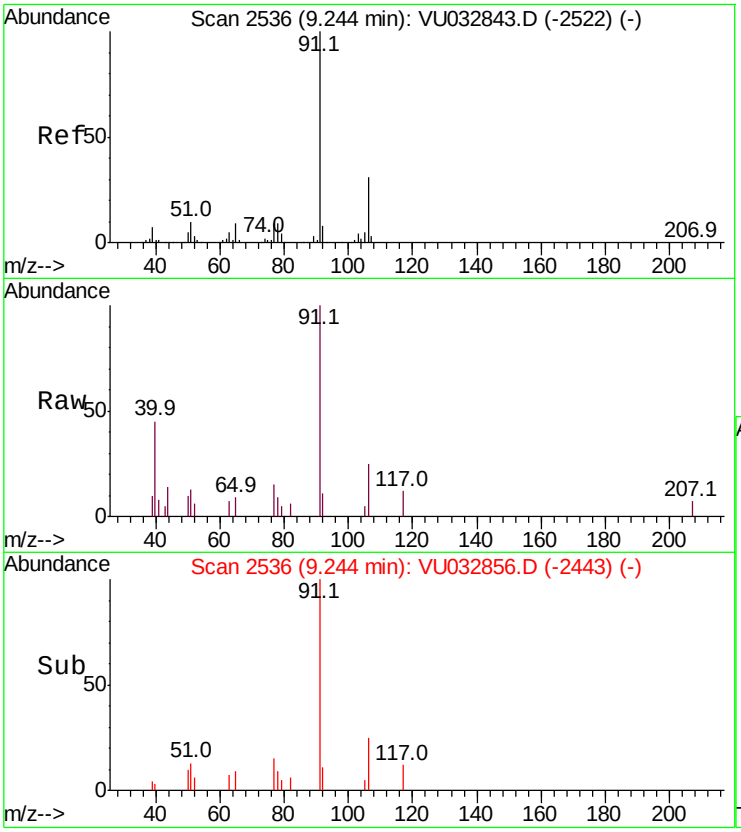


#42
Toluene
Concen: 0.480 ug/L
RT: 7.63 min Scan# 2034
Delta R.T. -0.00 min
Lab File: VU032856.D
Acq: 19 Jun 2019 14:23

Tgt Ion: 91 Resp: 14187

Ion	Ratio	Lower	Upper
91	100		
92	55.3	40.9	75.9



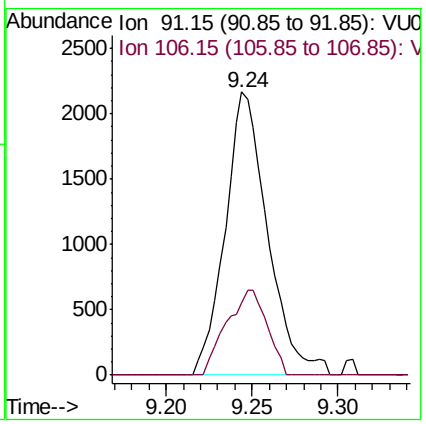


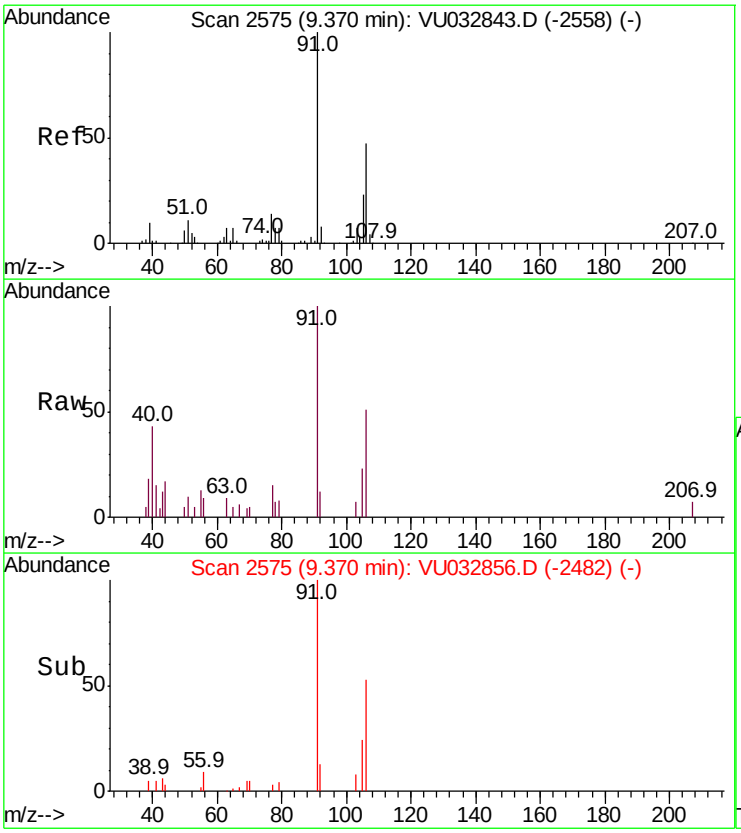
#52
Ethylbenzene
Concen: 0.115 ug/L
RT: 9.24 min Scan# 2536
Delta R.T. -0.00 min
Lab File: VU032856.D
Acq: 19 Jun 2019 14:23

Instrument :
MSVOA_U
ClientSampleId :
GALF7

Tgt Ion: 91 Resp: 3739

Ion	Ratio	Lower	Upper
91	100		
106	25.5	21.8	40.6





#53
m,p-Xylene
Concen: 0.187 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU032856.D
Acq: 19 Jun 2019 14:23

Tgt Ion:106 Resp: 2316

Ion	Ratio	Lower	Upper
106	100		
91	197.5	142.4	264.4