Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060719\
Data File : VU032537.D
Acq On : 07 Jun 2019 12:41
Operator : JC/SP
Sample : K3215-05DL 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB8H9DL

Manual Integrations APPROVED
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Quant Time: Jun 07 23:37:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 22:19:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	207161	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	192378	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	101177	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	75203	55.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 111.90%			
7) Chloroethane-d5	1.68	69	57512	53.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.50%			
11) 1,1-Dichloroethene-d2	2.27	63	107918	41.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.02%			
21) 2-Butanone-d5	4.17	46	116196	103.31	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.31%			
24) Chloroform-d	4.64	84	125359	50.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.02%			
26) 1,2-Dichloroethane-d4	5.30	65	84492	53.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.02%			
32) Benzene-d6	5.33	84	268259	53.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.42%			
36) 1,2-Dichloropropane-d6	6.32	67	84463	53.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.86%			
41) Toluene-d8	7.56	98	251022	53.01	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.02%			
43) trans-1,3-Dichloropropene-	7.85	79	38667	51.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.18%			
47) 2-Hexanone-d5	8.31	63	84412	111.12	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.12%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	120649	53.17	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.34%			
64) 1,2-Dichlorobenzene-d4	11.86	152	103865	53.60	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.20%			
Target Compounds						Qvalue
13) Acetone	2.32	43	163421	140.813	ug/L	100
16) Methylene chloride	2.69	84	1667	1.188	ug/L	96
22) 2-Butanone	4.29	43	4005m	2.920	ug/L	
33) Benzene	5.39	78	7220	1.336	ug/L	100
34) Trichloroethene	6.19	95	2753	1.872	ug/L	97
40) 4-Methyl-2-pentanone	7.46	43	48829	21.183	ug/L	99
42) Toluene	7.63	91	35746	6.039	ug/L	100
48) 2-Hexanone	8.36	43	10816	5.713	ug/L #	92
52) Ethylbenzene	9.25	91	6869	1.041	ug/L	98
53) m,p-Xylene	9.37	106	9315	3.713	ug/L	94
54) o-xylene	9.77	106	8281	3.324	ug/L	100

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

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Instrument :
MSVOA_U
ClientSampleId :
DB8H9DL

Manual Integrations APPROVED
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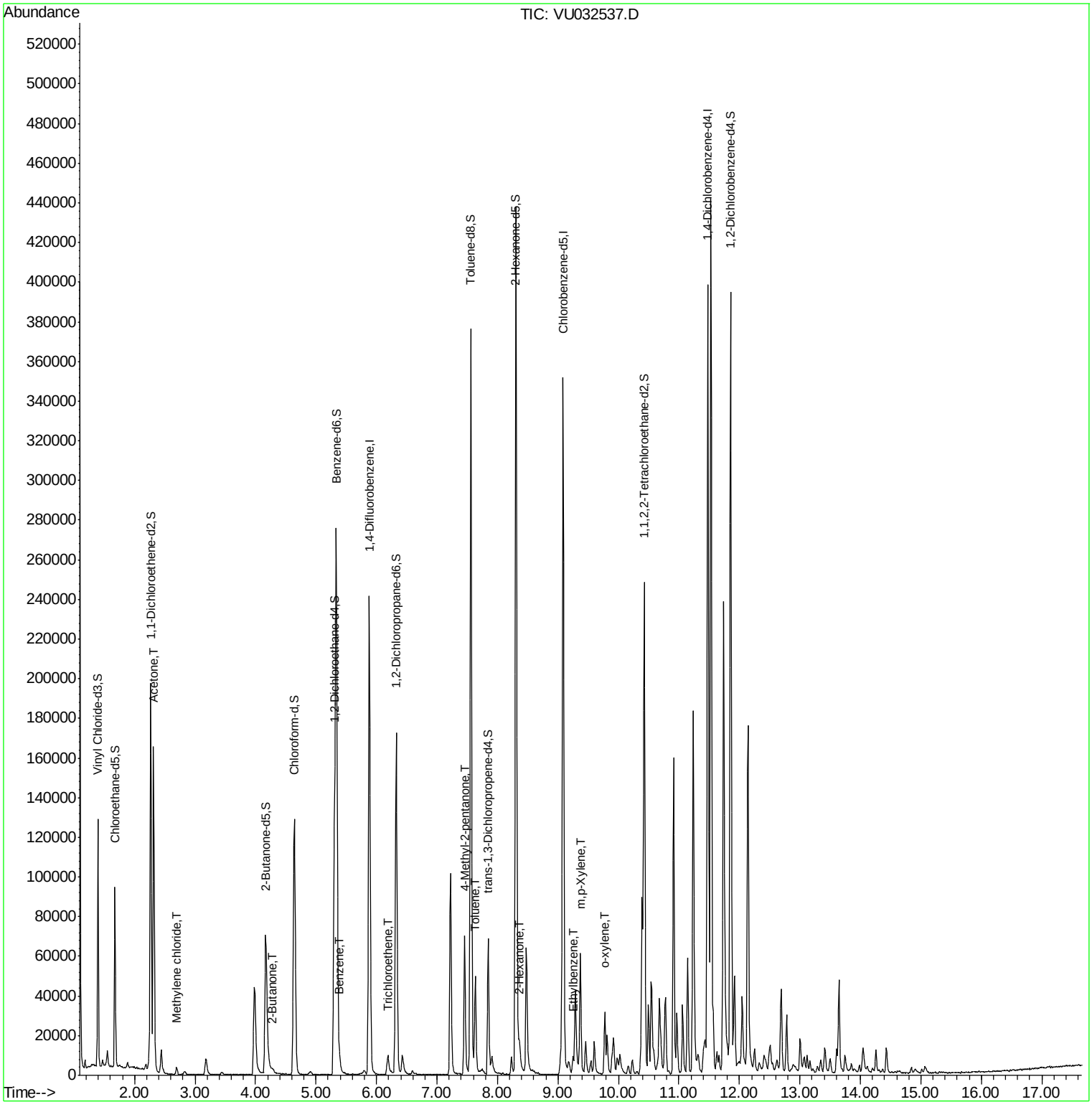
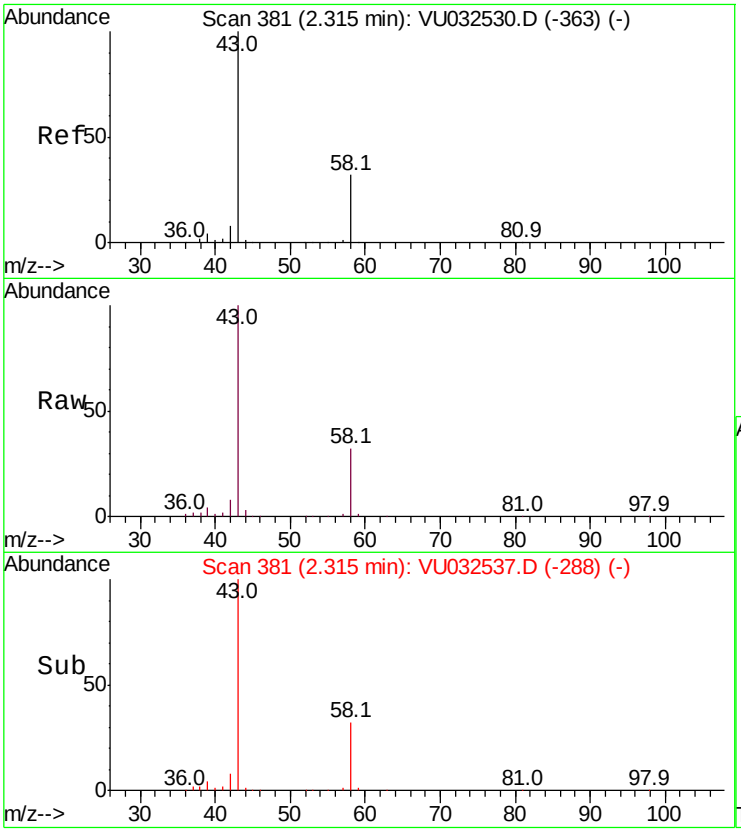
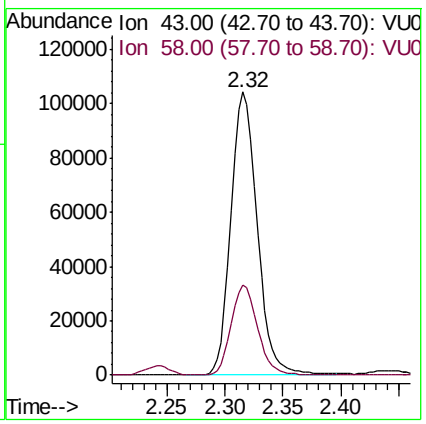




#13
Acetone
Concen: 140.813 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VU032537.D
Acq: 07 Jun 2019 12:41

Tgt Ion: 43 Resp: 163421

Ion	Ratio	Lower	Upper
43	100		
58	32.0	0.0	64.0



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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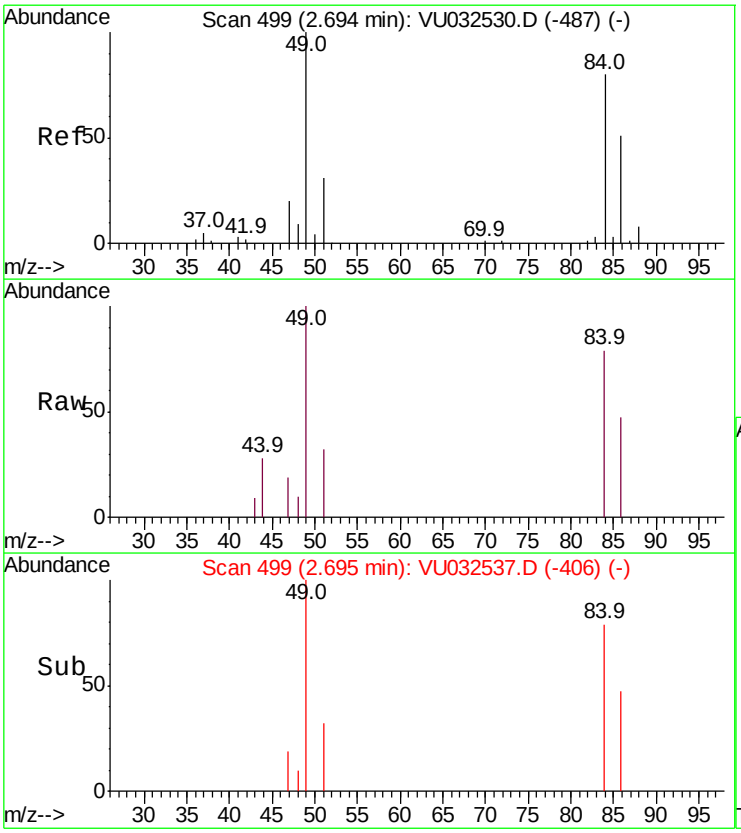
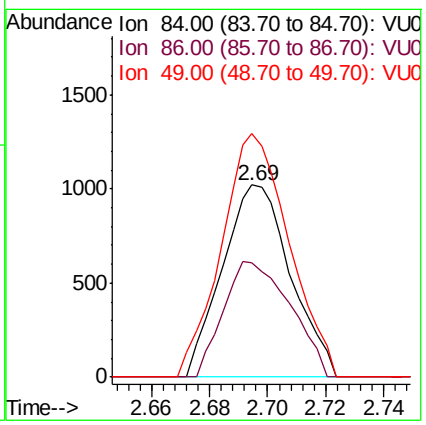
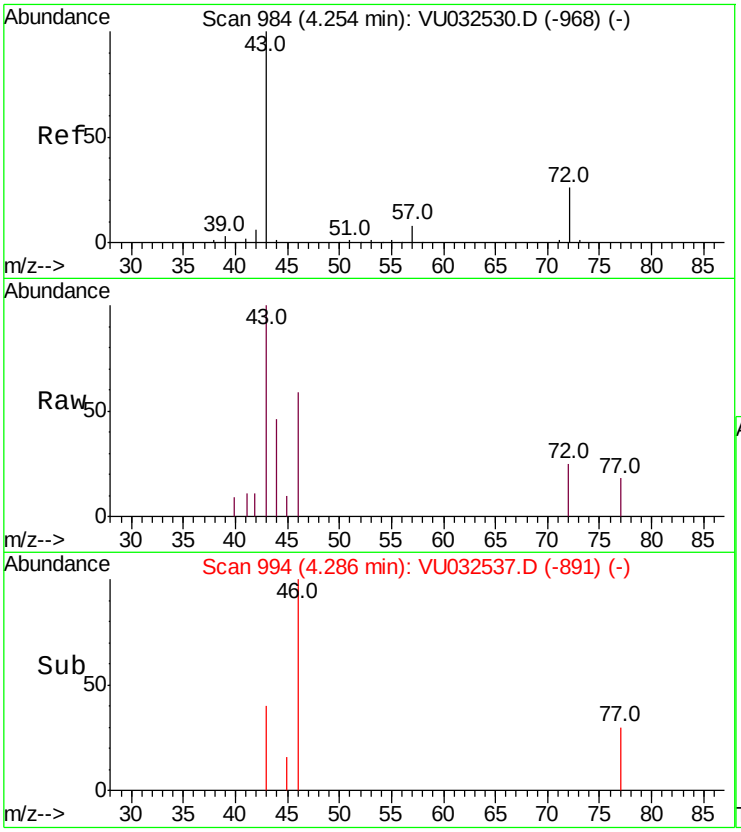


#16
Methylene chloride
Concen: 1.188 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032537.D
Acq: 07 Jun 2019 12:41

Tgt Ion: 84 Resp: 1667

Ion	Ratio	Lower	Upper
84	100		
86	59.5	44.7	82.9
49	126.9	86.1	159.9

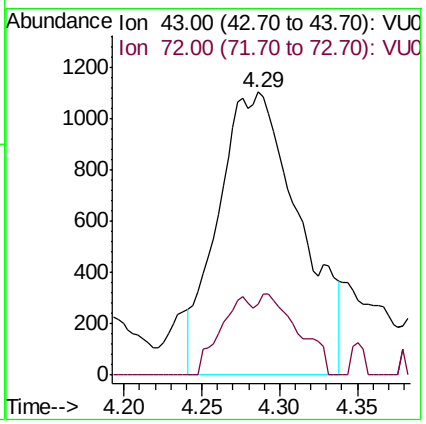




#22
2-Butanone
Concen: 2.920 ug/L m
RT: 4.29 min Scan# 994
Delta R.T. 0.03 min
Lab File: VU032537.D
Acq: 07 Jun 2019 12:41

Tgt Ion: 43 Resp: 4005

Ion	Ratio	Lower	Upper
43	100		
72	5.5	13.1	39.3#



Instrument :
MSVOA_U
ClientSampleId :
DB8H9DL

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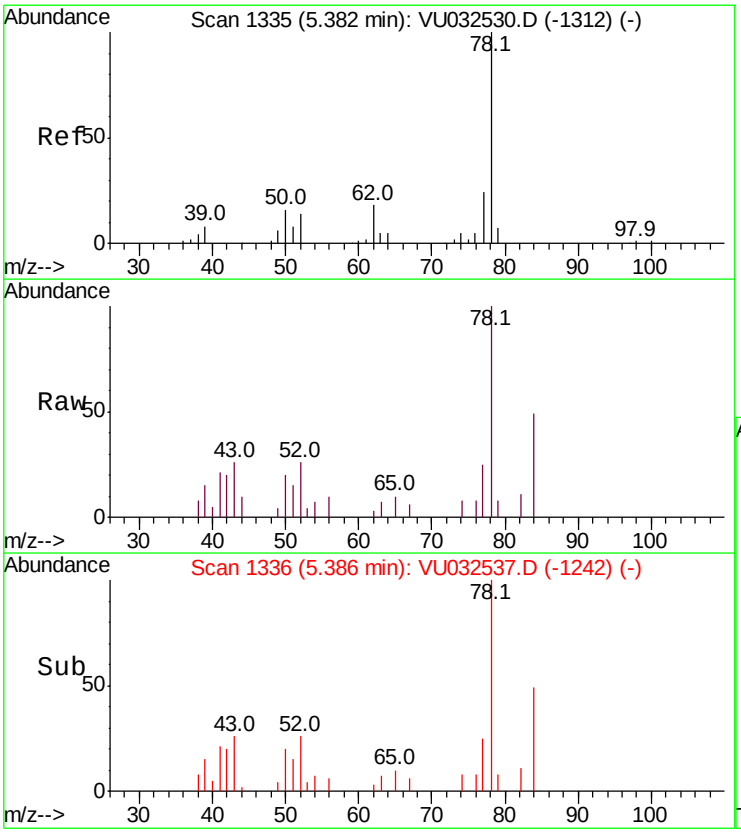
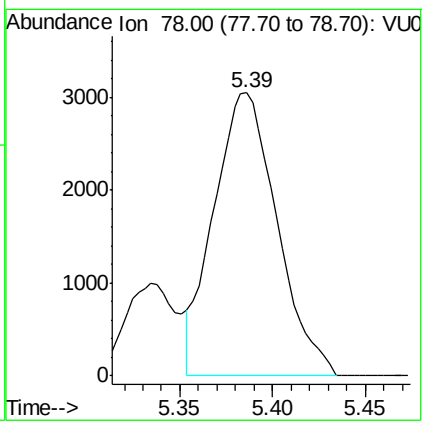
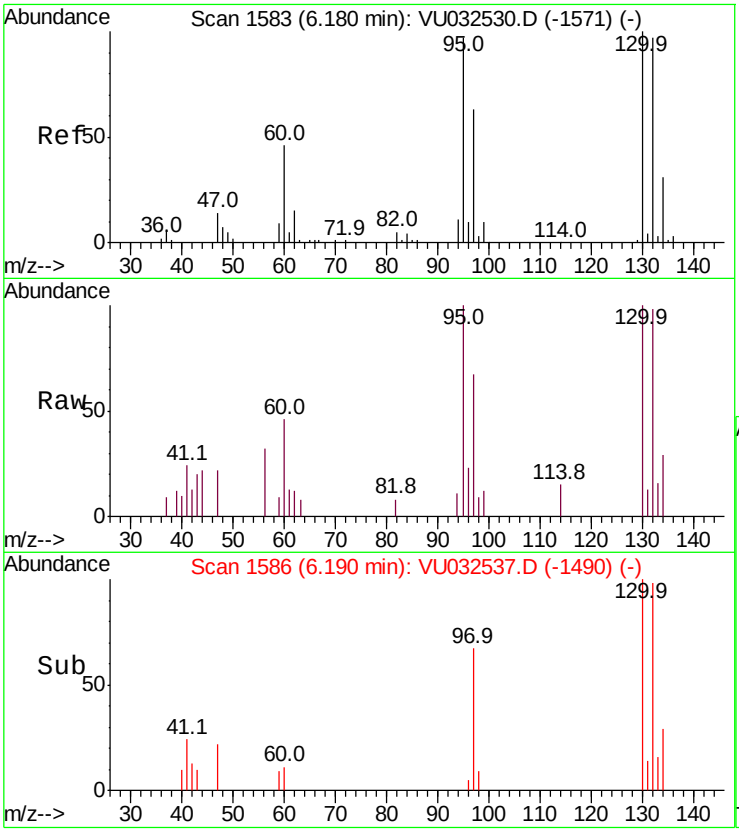


#33
Benzene
Concen: 1.336 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU032537.D
Acq: 07 Jun 2019 12:41

Tgt Ion: 78 Resp: 7220

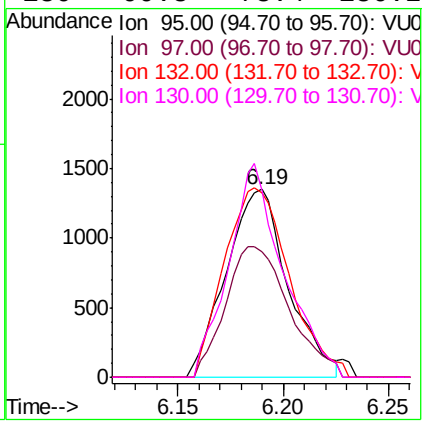




#34
Trichloroethene
Concen: 1.872 ug/L
RT: 6.19 min Scan# 1586
Delta R.T. 0.01 min
Lab File: VU032537.D
Acq: 07 Jun 2019 12:41

Tgt Ion: 95 Resp: 2753

Ion	Ratio	Lower	Upper
95	100		
97	66.7	45.8	85.2
132	98.2	71.0	131.8
130	99.8	73.4	136.2



Instrument :
MSVOA_U
ClientSampleId :
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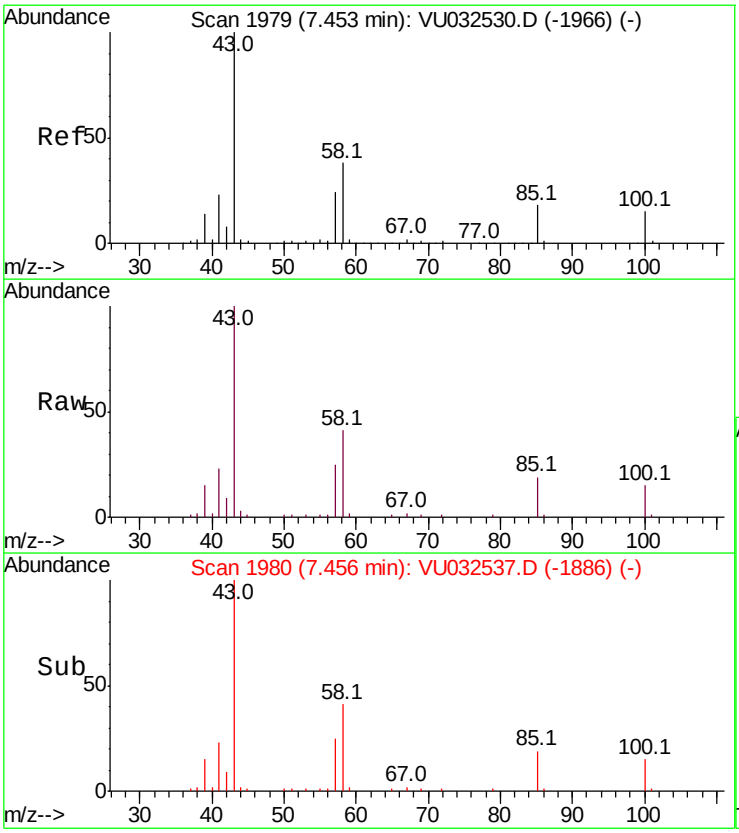
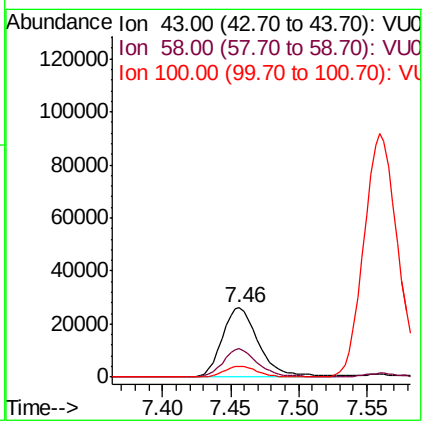
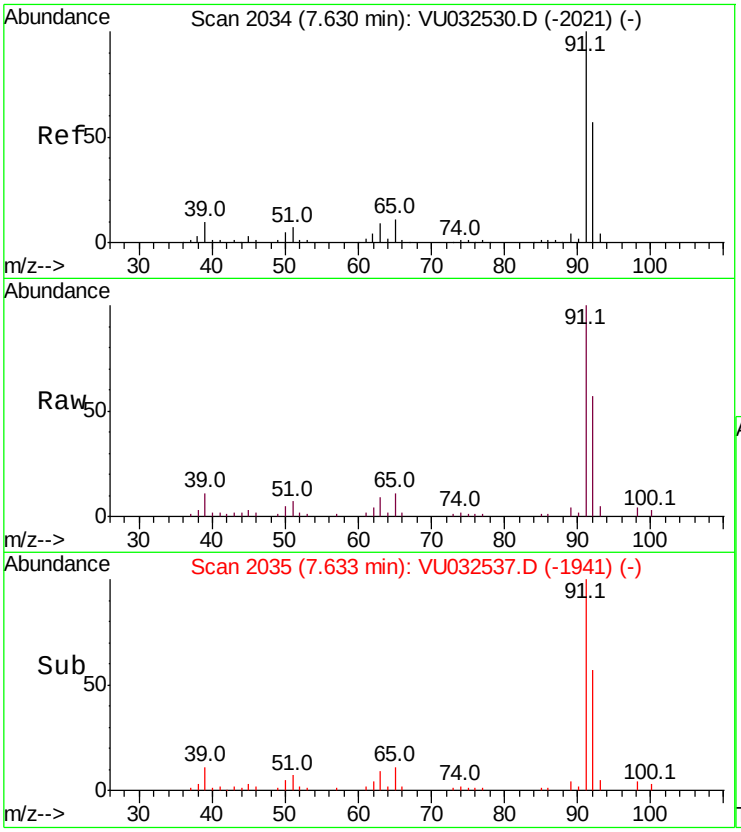


#40
4-Methyl-2-pentanone
Concen: 21.183 ug/L
RT: 7.46 min Scan# 1980
Delta R.T. 0.00 min
Lab File: VU032537.D
Acq: 07 Jun 2019 12:41

Tgt Ion: 43 Resp: 48829

Ion	Ratio	Lower	Upper
43	100		
58	38.8	30.8	46.2
100	14.4	12.1	18.1

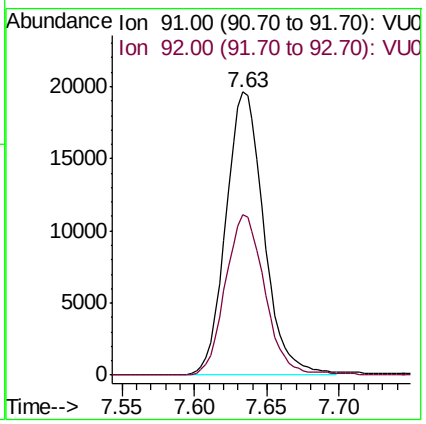




#42
Toluene
Concen: 6.039 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU032537.D
Acq: 07 Jun 2019 12:41

Tgt Ion: 91 Resp: 35746

Ion	Ratio	Lower	Upper
91	100		
92	56.6	39.7	73.7



Instrument :
MSVOA_U
ClientSampleId :
DB8H9DL

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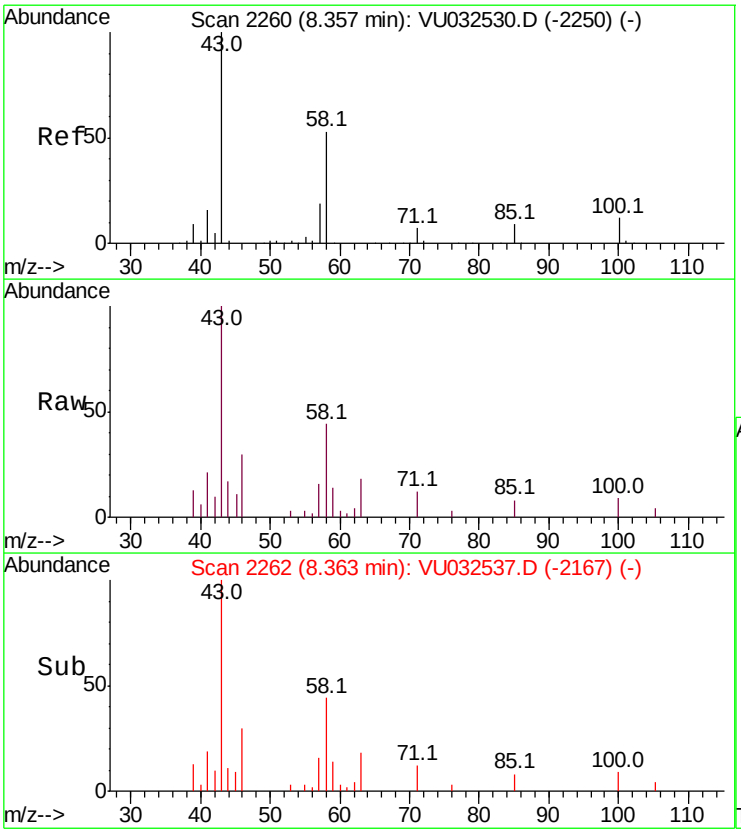
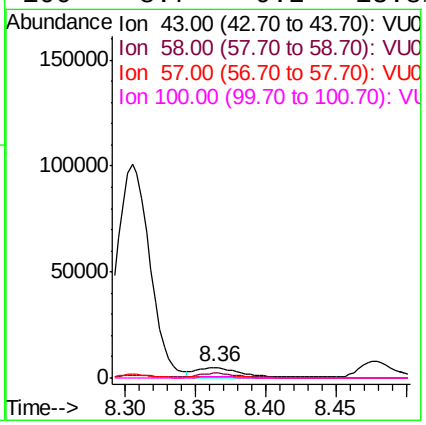
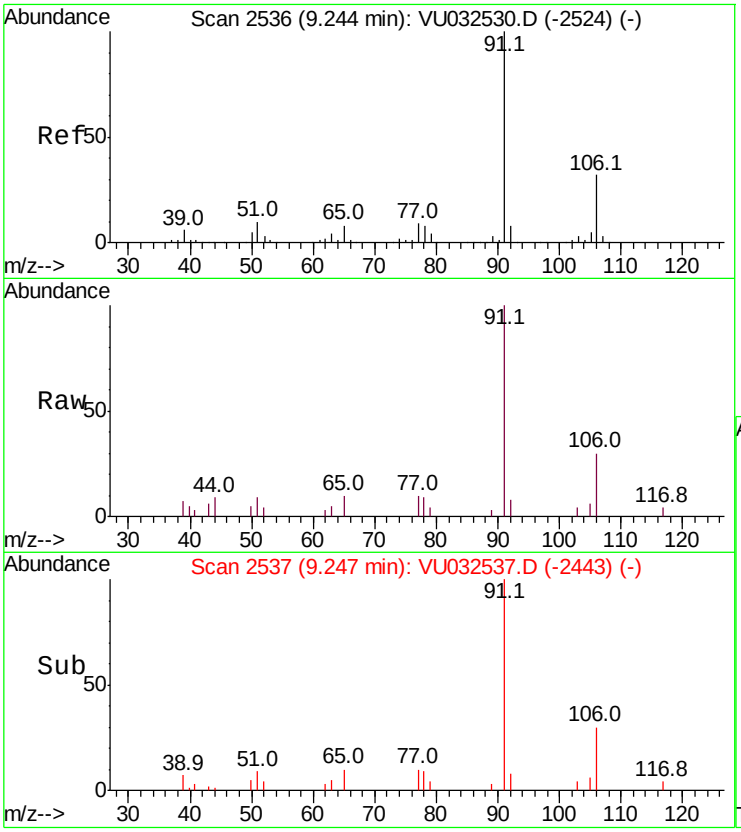


#48
2-Hexanone
Concen: 5.713 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032537.D
Acq: 07 Jun 2019 12:41

Tgt Ion: 43 Resp: 10816

Ion	Ratio	Lower	Upper
43	100		
58	44.9	42.0	63.0
57	19.4	14.6	22.0
100	8.7	9.2	13.8#

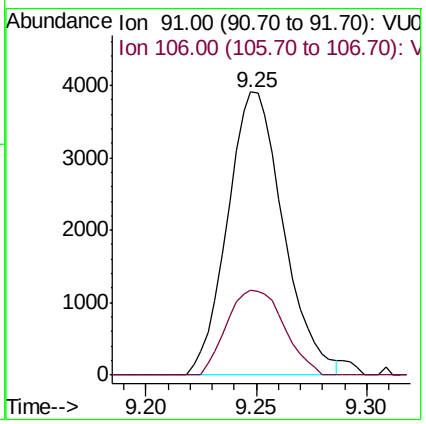




#52
Ethylbenzene
Concen: 1.041 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU032537.D
Acq: 07 Jun 2019 12:41

Tgt Ion: 91 Resp: 6869

Ion	Ratio	Lower	Upper
91	100		
106	30.1	22.0	41.0



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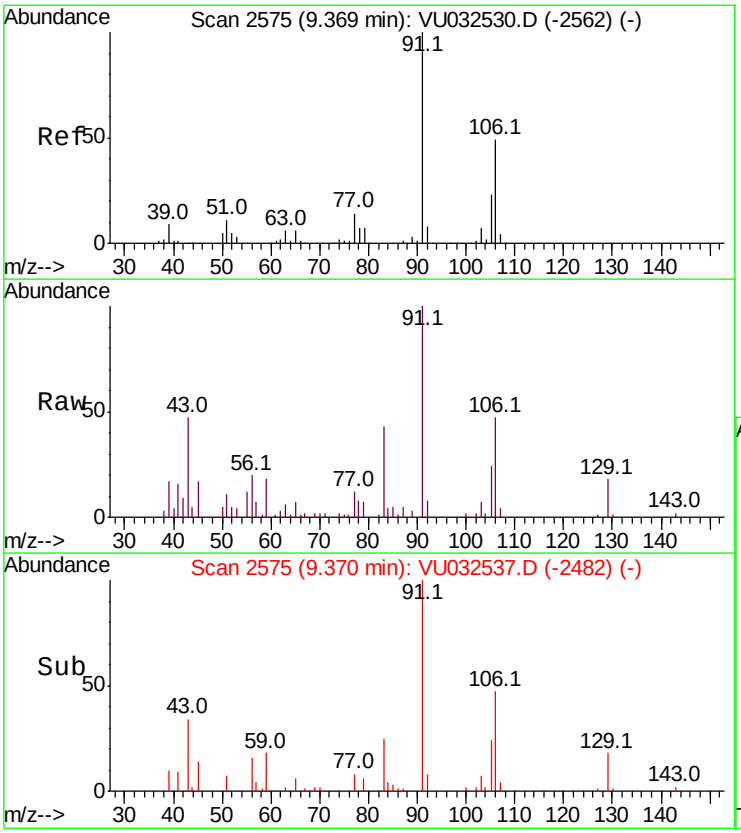
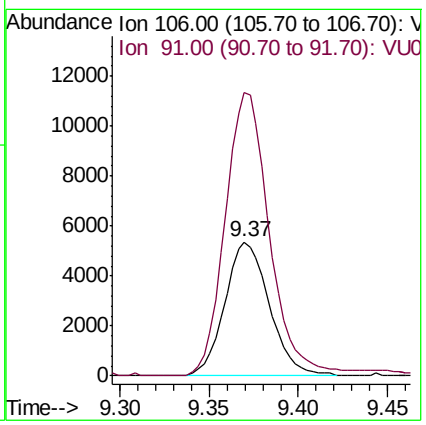
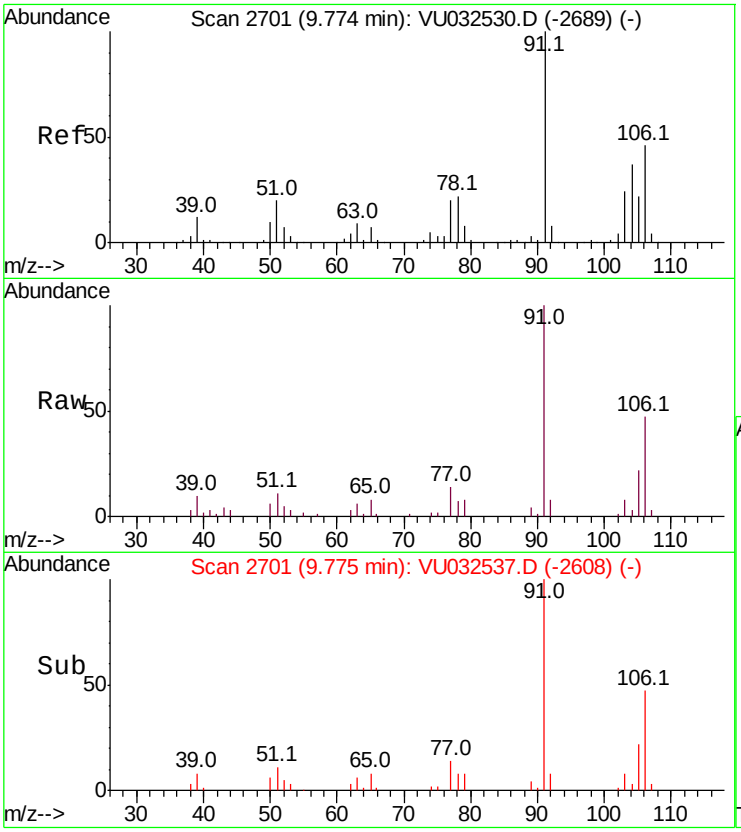


#53
m,p-Xylene
Concen: 3.713 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. 0.00 min
Lab File: VU032537.D
Acq: 07 Jun 2019 12:41

Tgt Ion:106 Resp: 9315

Ion	Ratio	Lower	Upper
106	100		
91	211.7	141.7	263.1

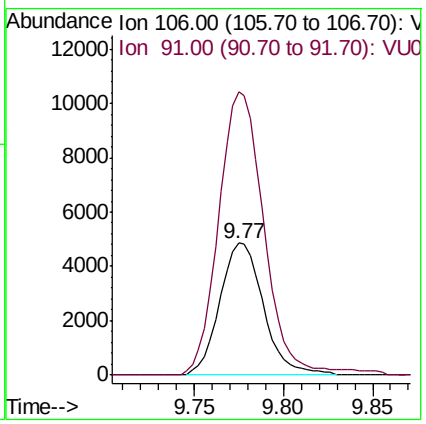




#54
o-xylene
Concen: 3.324 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU032537.D
Acq: 07 Jun 2019 12:41

Tgt Ion:106 Resp: 8281

Ion	Ratio	Lower	Upper
106	100		
91	214.1	150.1	278.7



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