Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121220\
Data File : VU041581.D
Acq On : 12 Dec 2020 21:20
Operator : SY/MD
Sample : L4995-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AS2

Quant Time: Dec 13 11:41:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Dec 13 11:26:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	152273	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	147548	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	68627	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	37544	3.15	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.00%			
7) Chloroethane-d5	1.92	69	35837	3.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.80%			
11) 1,1-Dichloroethene-d2	2.58	63	60892	2.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 55.60%#			
20) 2-Butanone-d5	4.65	46	174442	51.01	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.02%			
24) Chloroform-d	5.08	84	87097	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.40%			
26) 1,2-Dichloroethane-d4	5.72	65	50942	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.00%			
32) Benzene-d6	5.74	84	178168	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.40%			
36) 1,2-Dichloropropane-d6	6.70	67	57153	4.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.20%			
41) Toluene-d8	7.91	98	157366	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.60%			
43) trans-1,3-Dichloropropene-	8.19	79	23036	3.87	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.40%			
46) 2-Hexanone-d5	8.64	63	135370	41.57	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.14%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	56089	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	59887	4.91	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.20%			
Target Compounds						Qvalue
13) Acetone	2.67	43	23340	10.730	ug/L	58
15) Methyl Acetate	2.97	43	2503	0.443	ug/L	97
21) 2-Butanone	4.74	43	7855	2.217	ug/L	100
33) Benzene	5.79	78	2772	0.059	ug/L	100
42) Toluene	7.98	91	12631	0.259	ug/L	97
52) Ethylbenzene	9.57	91	2800	0.054	ug/L	100
53) m,p-Xylene	9.69	106	3410	0.176	ug/L	100
54) o-Xylene	10.10	106	1373	0.072	ug/L	87
55) Styrene	10.11	104	10816	0.330	ug/L	97

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

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Quant Title : TRACE VOA SOM01.0
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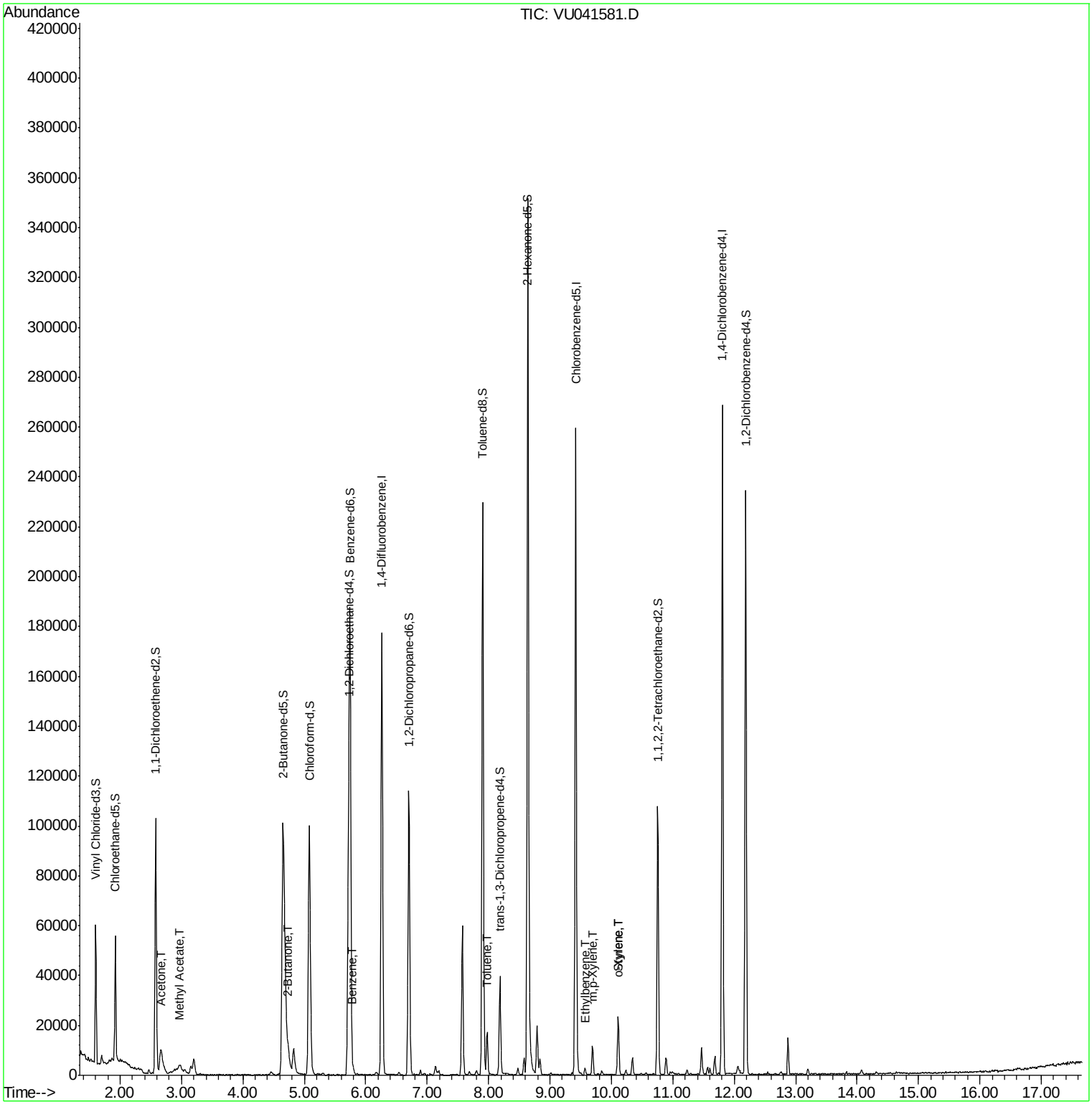
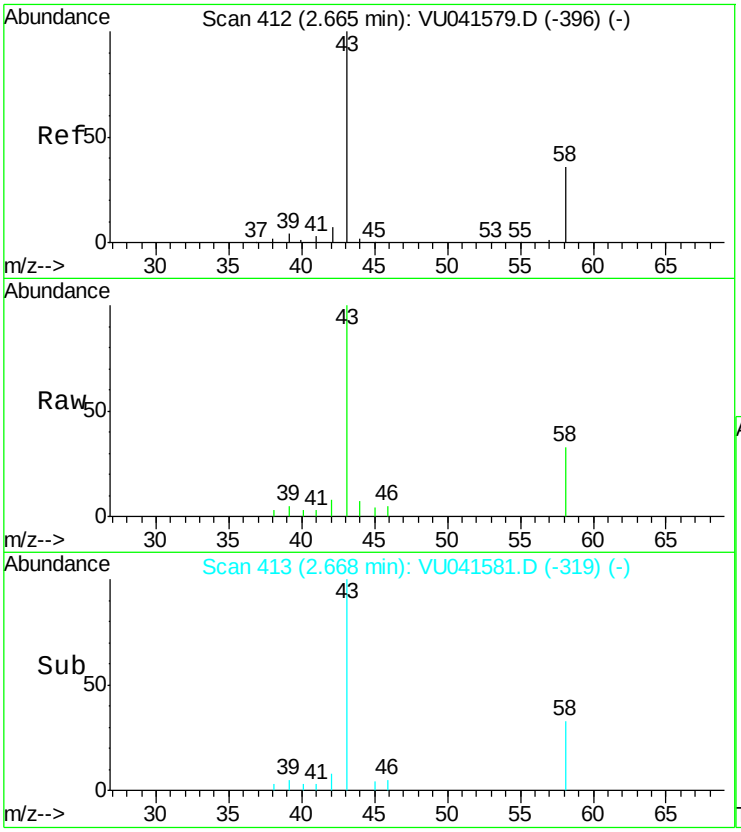


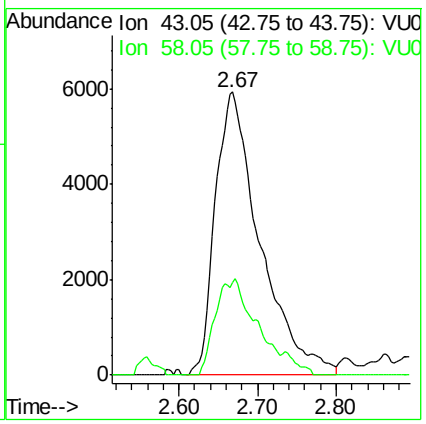


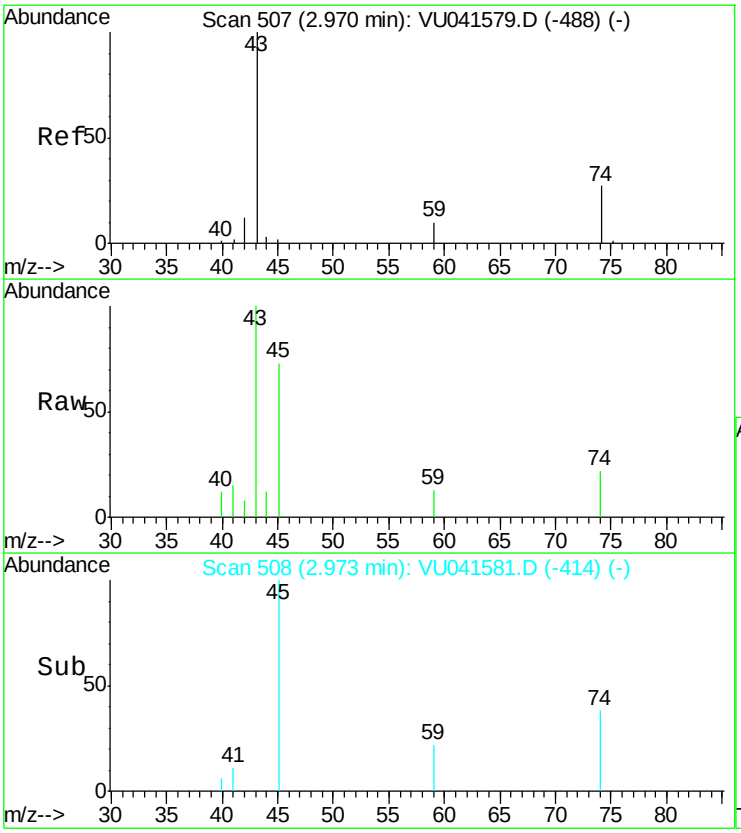
#13
Acetone
Concen: 10.730 ug/L
RT: 2.67 min Scan# 413
Delta R.T. 0.00 min
Lab File: VU041581.D
Acq: 12 Dec 2020 21:20

Instrument : MSVOA_U
ClientSampleId : C0AS2

Tgt Ion: 43 Resp: 23340

Ion	Ratio	Lower	Upper
43	100		
58	11.9	0.0	73.2

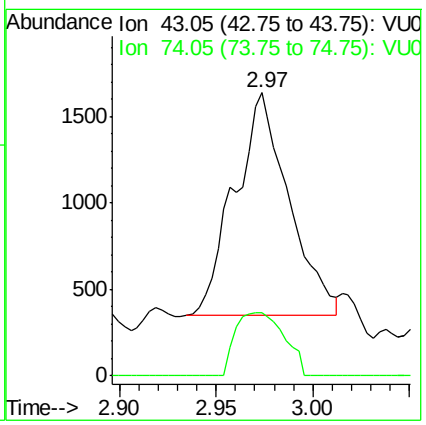


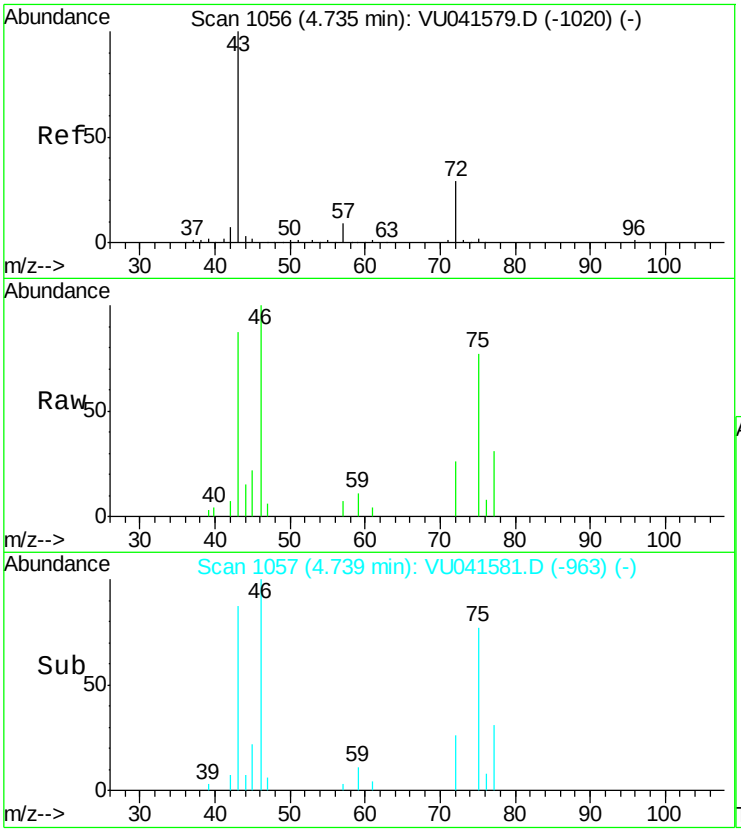


#15
Methyl Acetate
Concen: 0.443 ug/L
RT: 2.97 min Scan# 508
Delta R.T. 0.00 min
Lab File: VU041581.D
Acq: 12 Dec 2020 21:20

Tgt Ion: 43 Resp: 2503

Ion	Ratio	Lower	Upper
43	100		
74	25.5	19.2	28.8



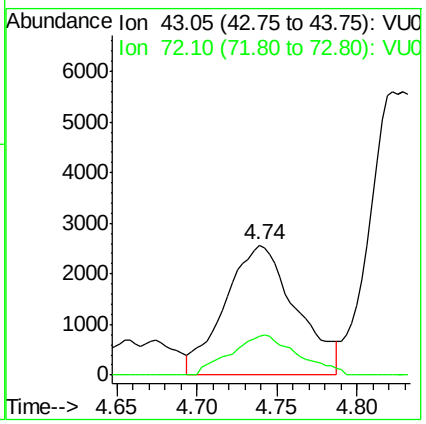


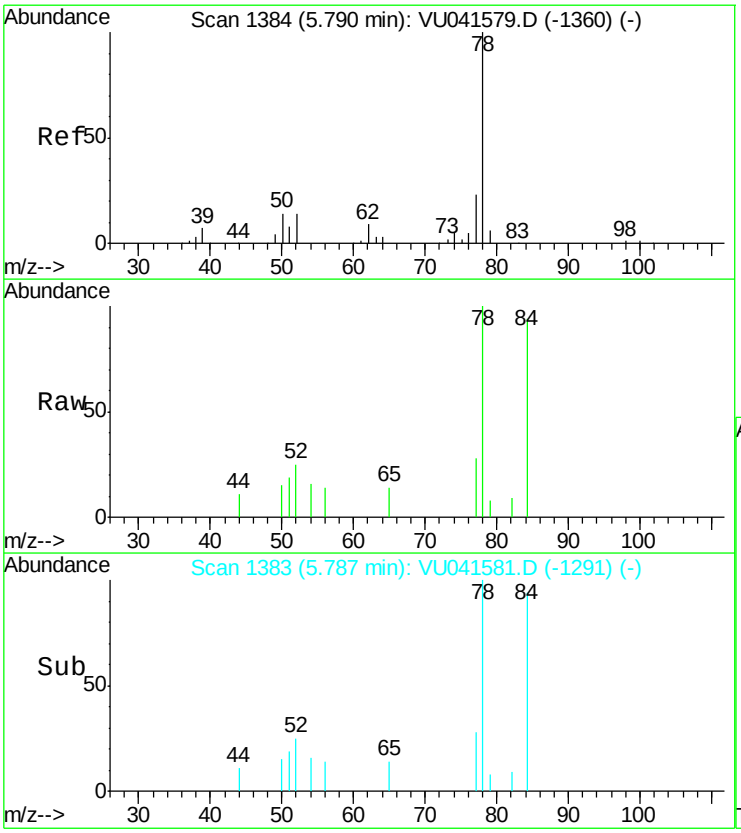
#21
2-Butanone
Concen: 2.217 ug/L
RT: 4.74 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VU041581.D
Acq: 12 Dec 2020 21:20

Instrument : MSVOA_U
ClientSampleId : C0AS2

Tgt Ion: 43 Resp: 7855

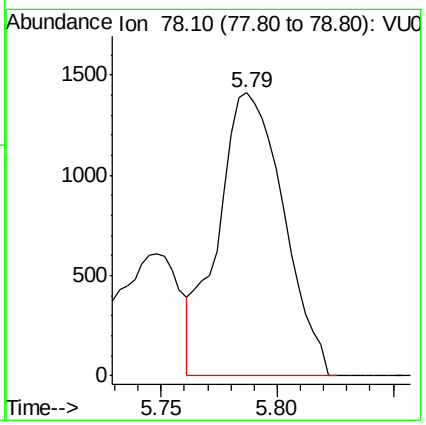
Ion	Ratio	Lower	Upper
43	100		
72	29.1	14.6	44.0

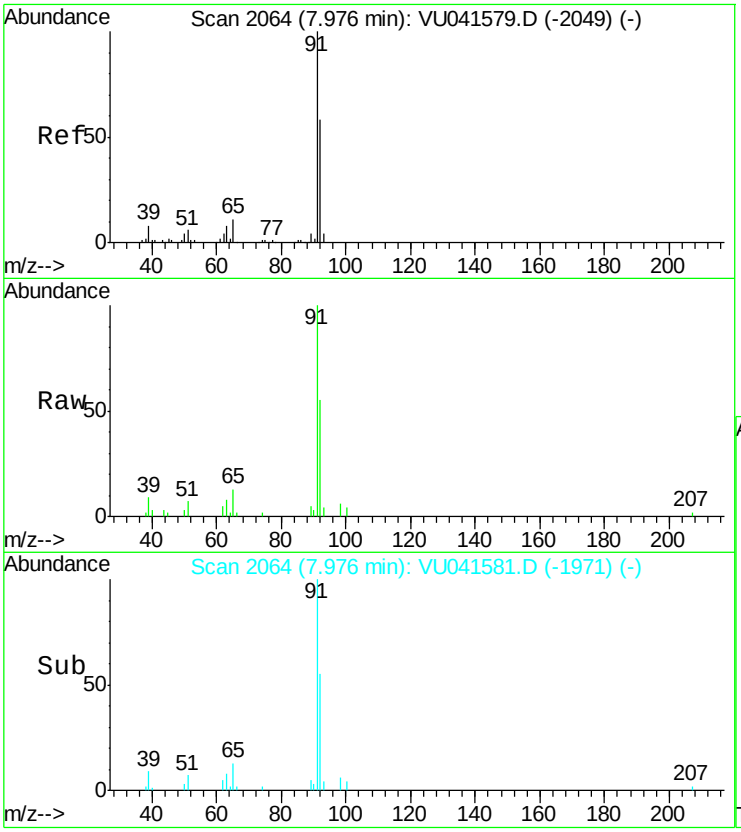




#33
Benzene
Concen: 0.059 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VU041581.D
Acq: 12 Dec 2020 21:20

Tgt Ion: 78 Resp: 2772



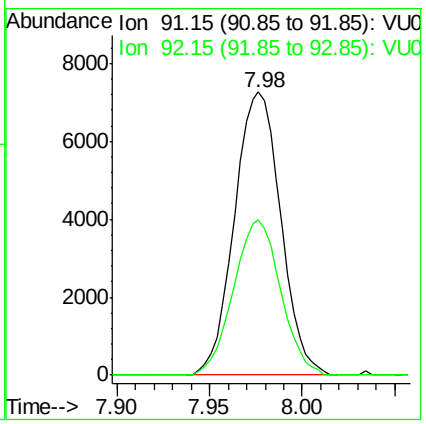


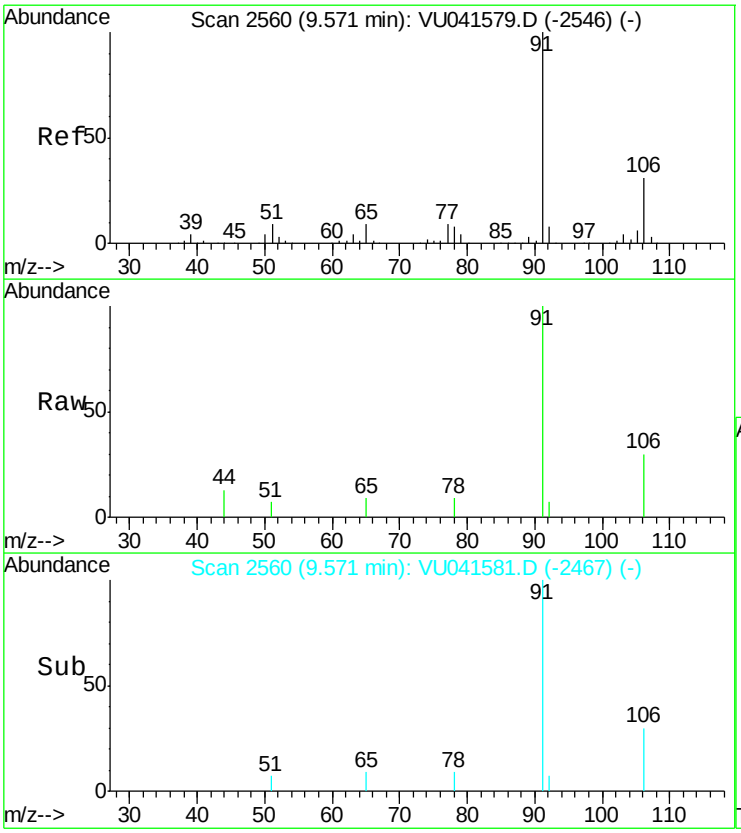
#42
Toluene
Concen: 0.259 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. -0.00 min
Lab File: VU041581.D
Acq: 12 Dec 2020 21:20

Instrument :
MSVOA_U
ClientSampleId :
C0AS2

Tgt Ion: 91 Resp: 12631

Ion	Ratio	Lower	Upper
91	100		
92	55.0	40.0	74.2

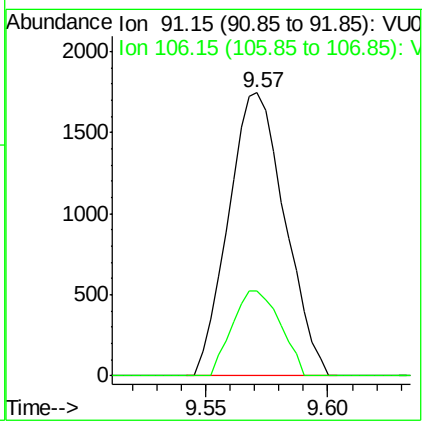


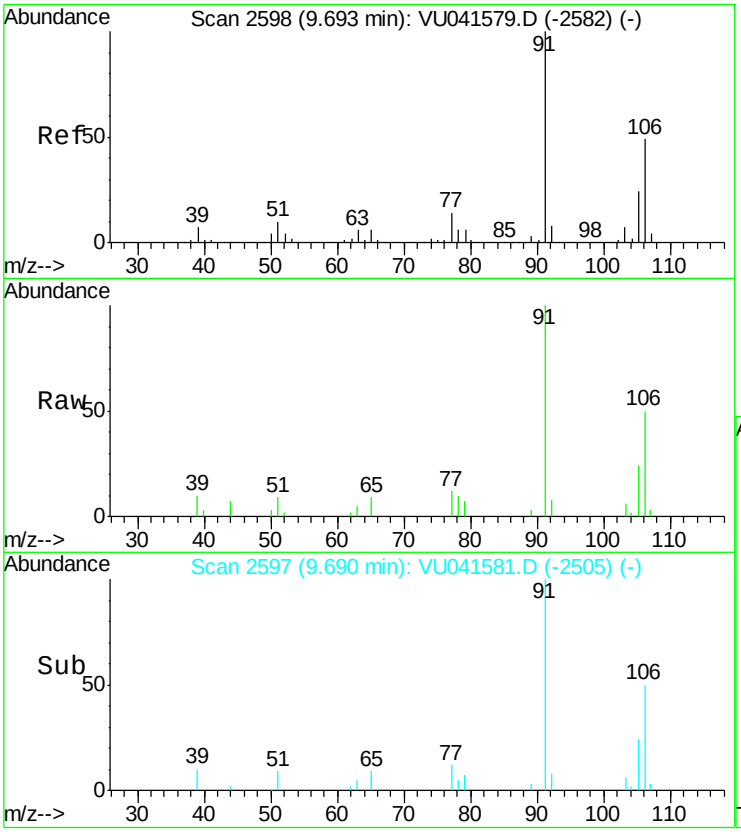


#52
Ethylbenzene
Concen: 0.054 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU041581.D
Acq: 12 Dec 2020 21:20

Tgt Ion: 91 Resp: 2800

Ion	Ratio	Lower	Upper
91	100		
106	30.1	21.1	39.3



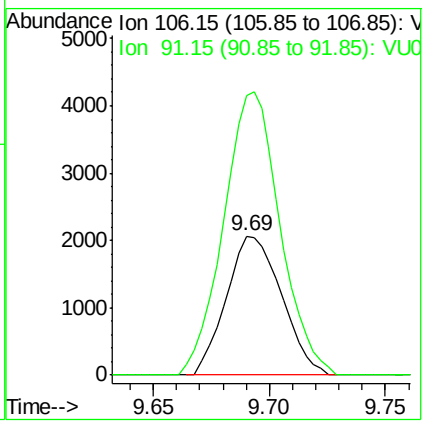


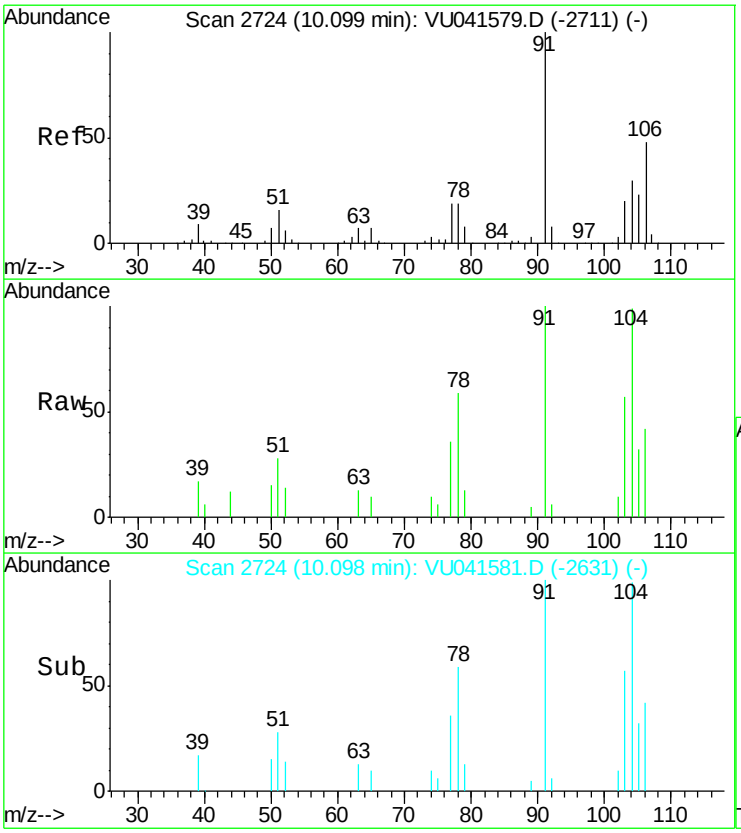
#53
m,p-Xylene
Concen: 0.176 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VU041581.D
Acq: 12 Dec 2020 21:20

Instrument : MSVOA_U
ClientSampleId : C0AS2

Tgt Ion:106 Resp: 3410

Ion	Ratio	Lower	Upper
106	100		
91	201.1	140.4	260.8

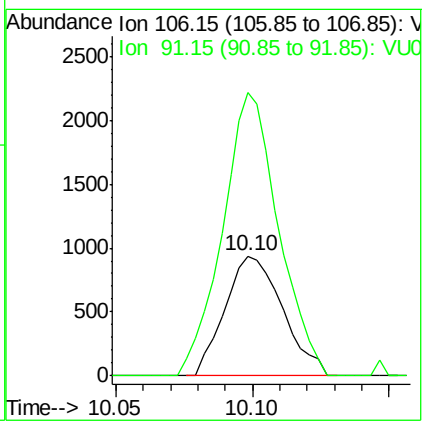


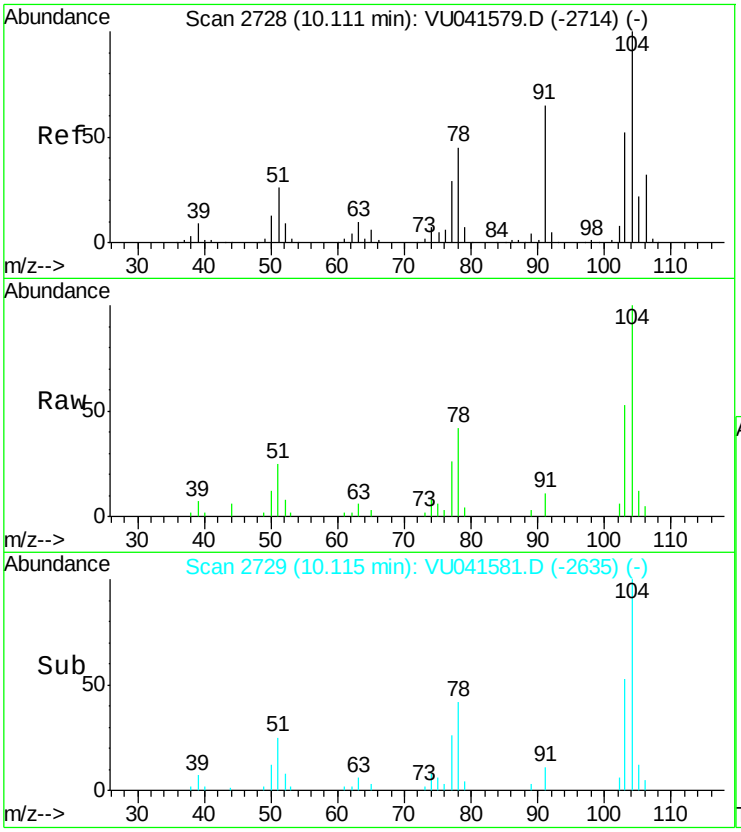


#54
o-Xylene
Concen: 0.072 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU041581.D
Acq: 12 Dec 2020 21:20

Tgt Ion:106 Resp: 1373

Ion	Ratio	Lower	Upper
106	100		
91	236.4	151.3	281.1





#55
Stvrene
Concen: 0.330 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. 0.00 min
Lab File: VU041581.D
Acq: 12 Dec 2020 21:20

Instrument :
MSVOA_U
ClientSampleId :
C0AS2

Tgt Ion:104 Resp: 10816

Ion	Ratio	Lower	Upper
104	100		
78	42.5	31.1	57.9